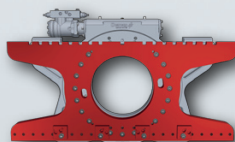
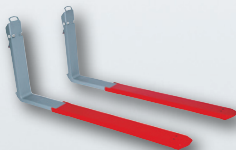
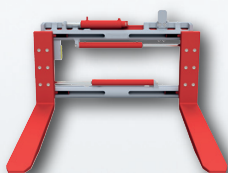
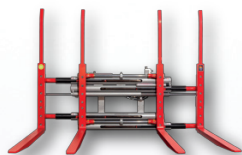




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Durwen is your partner for all questions concerning intralogistics with forklift trucks. The company founded in 1947 with its headquarter in Germany has operated in the mechanical engineering sector for more than 75 years and therefore belongs to the leading suppliers of attachments for forklift trucks and other industrial trucks with its global sales and service network today.

From the very beginning, it was extremely important for the still owner-operated family business to combine high-quality standards with reliable and fast service in order to provide the best support regarding transport and handling demands for its customers.

That's why Durwen forklift attachments are particularly solid as well as compact and based on the specially developed Durwen ServicePlus technology (DSP). By using a reduced number of components as well as highly durable wear parts, DSP reduces

maintenance and repair time providing maximum efficiency.

Well-trained skilled workers, engineers and technicians manufacture durable and versatile attachments with the help of high-precision CNC machines and robotics.

In close coordination with the customers, ideally adjusted solutions for individual requirements are developed. Hereby the company offers a constantly developing product range for virtually every application to its customers from all over the world.

Proficient consultation, consistent customer focus as well as high level servicing of sales and customer service have made Durwen GmbH the market leader in terms of customer satisfaction for many years.

Durwen is certified according to ISO 9001:2008 and has a full certificate of welding suitability according to DIN EN ISO 3834-2:2006.

Durwen products comply with the EG machinery directives and the relevant EU norms.

Durwen uses renewable electric power



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Areas of applications

Our range of forklift attachments is just as versatile as the applications - each application in various industry branches requires an individual solution regarding attachments for forklift trucks. With our broad product range, you have a choice at hand which covers a wide variety of the most diverse applications. Durwen also manufactures individual special solutions to solve all challenges.



Beverage



Recycling



Paper



Packing



Heavy industry



Transport



Bulk material



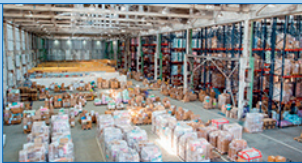
Building material



Forest industry



Logistic



Wholesale and retail



Harbour



Harvest



Fishing / Food industry



Foundry industry



Automotive



White/Brown goods



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Durwen Service

At Durwen, service means meeting customer requirements that are directly related to the function, maintenance and repair of your forklift attachment. To be at your disposal for a quick and comprehensive consultation is our motivation which is represented by our service consultants in the back office, our service technicians on-site, our broad spare parts storage as well as our quick access to logistics service providers.

Durwen service technicians are constantly trained in order to optimally meet your needs. Our customer support consists of experienced staff that is ready to assist you anytime. Durwen also offers individual service solutions to customers, from checks on-site on a regular basis to complete solutions in the full-service range.



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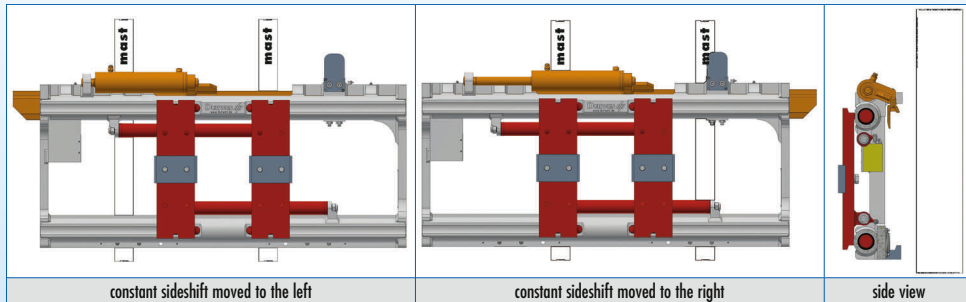
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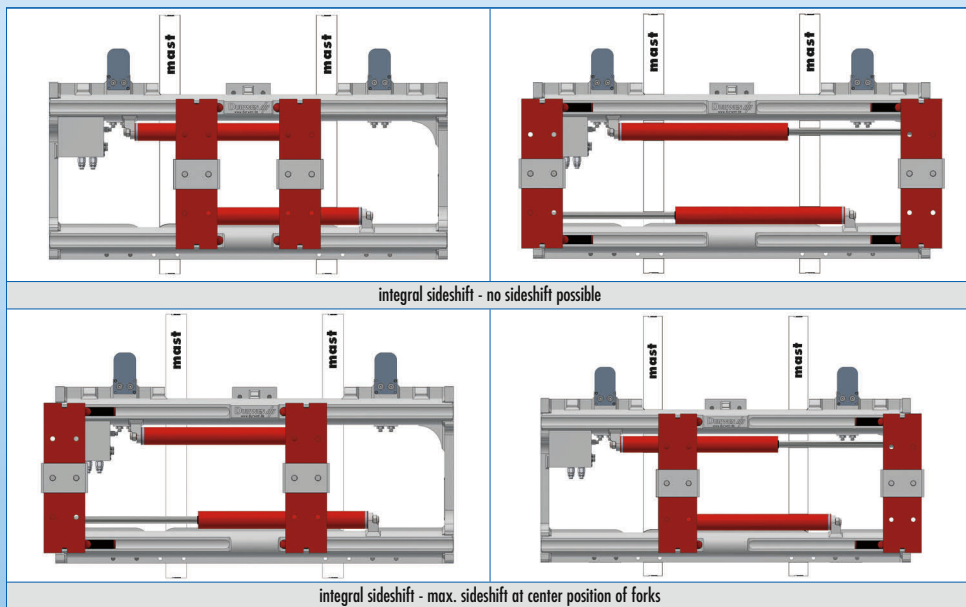
Explanation constant sideshift/integral sideshift

When using **constant sideshift**, the complete stroke of the sideshift cylinder is made available at every fork position. As a result, the attachment is shifted sideways on the carriage of the forklift truck. Attention: the frame may move outside of the forklift truck outline.



Advantage: sideshift available at every fork or arm position

When using **integral sideshift**, the sideshift is dependent on the opening range of the forks or arms. The sideshift is not operated with a separate cylinder but with valve technology which is why the unit keeps the present position, while only the forks or arms are moving. In case the arms or forks are fully opened/closed, there is no sideshift available.



Advantage: reduced weight and LLC

Formula for max. sideshift with integral sideshift:

$$\text{sideshift max.} = \frac{\text{opening range max.} - \text{opening range min.}}{4}$$

Example: fork positioner type RZY 35 (integral sideshift, frame with 1150 mm, opening range 490-1230 mm)

$$\text{sideshift max.} = \frac{1230 \text{ mm OR max.} - 490 \text{ mm OR min.}}{4} = 185 \text{ mm}$$

(at center position of forks)

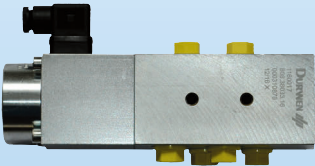
Explanation solenoid valve

Solenoid valves are only needed for an attachment if the forklift truck does not provide enough free hydraulic functions. Since most counterbalance trucks feature a maximum of two hydraulic functions for attachments, a third function is required (e.g. clamping, rotation, sideshift). In this case, one of the two free hydraulic functions is divided into two circuits with the help of the solenoid valve. The solenoid valve which is mounted on the attachment by the factory subdivides the incoming oil when necessary so that the forklift truck driver can choose between two functions of the unit. For this, an electrical activation of the solenoid valve is required (please indicate the voltage of the forklift truck). The truck needs to have a switch control by means of a rocker switch or button installed for this. It is to be noted that the clamping function cannot be operated via the solenoid valve.

In case the forklift already has an integral sideshift installed and you wish to operate an attachment with 2 additional functions, you may need to do the installation connection and hose layout yourself. The solenoid valve may either be pre-installed on the attachment or may be delivered loose for your installation in the most ideal place on the forklift truck. Note that the solenoid valve is not allowed to be combined with a clamping function. Please ask, if you are in doubt.

Examples:
Telescopic forks, fork positioning and sideshift
Oftentimes the sideshift is operated by a lever, fork positioning via a second lever and telescopic forks by the touch of a button via the second lever. The order/configuration is specified by either an available specification sheet or by the user.

Revolving fork clamp with sideshift (clamping, rotation, sideshift)
Clamp function directly via the first lever (not allowed to be operated via solenoid valve), sideshift and rotation via the second lever, rotation operated by the touch of a button on the second lever. The last order/configuration can also be specified by an existing specification sheet or by the user.

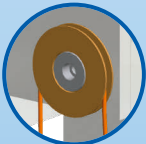


Solonoid valve see page 222

Electrical mounting kits

The Durwen electrical mounting kits are used for power supply of the solenoid valve on the attachment.

	remarks
Return pulley	
Spiral cable	
Electric cable reel	



Electric mounting kits see page 220-221

Double fork positioner for 1-2 pallets type DPK-C



fast exchange
by means of many
bolted connections



forks forged and
tempered with
additional wear zone for
maximum service life

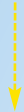
hard-chromed guides
gives better bearing life



forks are equalised by
high-quality hydraulics



solid load backrest
for heavy work



standard: capsuled
bearings on inner
forks keep the bar
guide clean

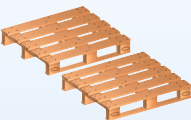
Durwen app



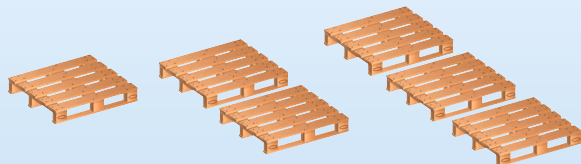
option available with
"automatic lubrication system"

compact design
gives excellent visibility

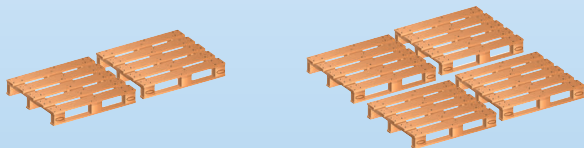
Overview multiple fork positioners



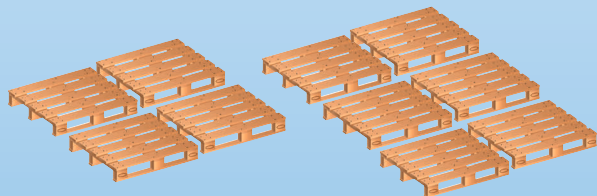
type DPK for 1-2 pallets



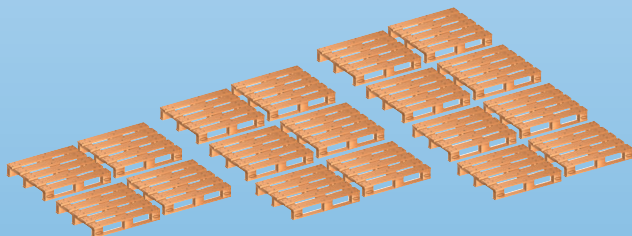
type DRPK for 1-2-3 pallets



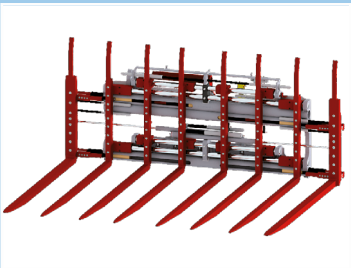
type DPK for 2-4 pallets



type SPK for 4-6 pallets



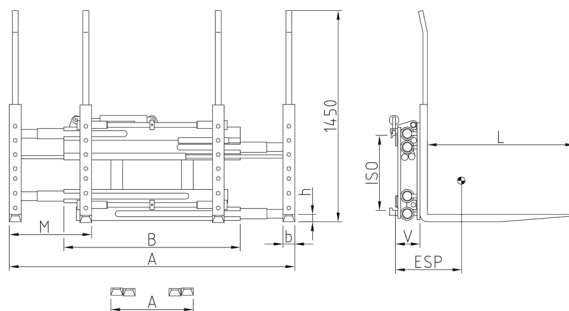
type VPK for 4-6-8 pallets



Double fork positioner for 1-2 pallets

DPK-C
DPK-P

The double fork positioner **DPK-C** can pick up one or two pallets through hydraulic fork positioning. The distance between the pallets can be reduced to zero. The strong frame construction maximises service life and safe working. The compact design gives excellent visibility.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	M mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
DPK 16-C	1600/600	1,5-1,8/600	II	1050	560-1790	560	80x40x1200	+/- 100	165	240	475
DPK 22-C	2200/600	2,0-2,5/500	II	1200	560-1940	560	80x40x1200	+/- 100	165	260	495
DPK 22-C2	2200/600	2,0-2,5/500	II	1200	660-2140	660	80x40x1200	+/- 100	165	248	515
DPK 25-C	2500/600	2,5/600	II	1200	560-1940	560	80x50x1200	+/- 100	165	260	535
DPK 25-C2	2500/600	2,5/600	II	1200	660-2140	660	80x50x1200	+/- 100	165	248	555
DPK 25-C3	2500/600	2,5/600	II	1300	560-2040	560	80x50x1200	+/- 100	165	260	602
DPK 30-C	2600/600	3,0/500	III	1200	560-1940	560	80x50x1200	+/- 100	165	250	540
DPK 30-C2	2600/600	3,0/500	III	1200	660-2140	660	80x50x1200	+/- 100	165	250	565
DPK 30-C3	2600/600	3,0/500	III	1300	560-2040	560	80x50x1200	+/- 100	165	225	595
DPK 32-C	2800/600	3,5/500	III	1200	560-1940	560	80x50x1200	+/- 100	185	235	585
DPK 32-C2	2800/600	3,5/500	III	1300	660-2140	660	80x50x1200	+/- 100	185	235	620
DPK 32-C3	2800/600	3,5/500	III	1300	560-2040	560	80x50x1200	+/- 100	185	235	640
DPK 35-C	3200/600	3,0/600-4,0/500	III	1200	560-1940	560	80x60x1200	+/- 100	185	230	635
DPK 35-C2	3200/600	3,0/600-4,0/500	III	1300	660-2140	660	80x60x1200	+/- 100	185	230	670
DPK 35-C3	3200/600	3,0/600-4,0/500	III	1300	560-2040	560	80x60x1200	+/- 100	185	230	690
DPK 40-C	4500/600	4,0-5,0/600	III	1400	560-1940	560	80x60x1200	+/- 150	195	215	750
DPK 40-C2	4500/600	4,0-5,0/600	III	1400	660-2140	660	80x60x1200	+/- 150	195	210	780
DPK 40-C3	4500/600	4,0-5,0/600	III	1400	560-2040	560	80x60x1200	+/- 150	195	215	750
DPK 50-P	5500/600	5,0-6,0/600	IV	1420	560-1940	560	80x65x1200	+/- 150	171	206	895

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard

- no sideshift ISO II, III, IV upon request, data change please ask
- optional with high visibility load backrest ISO II, III upon request, ISO IV not available



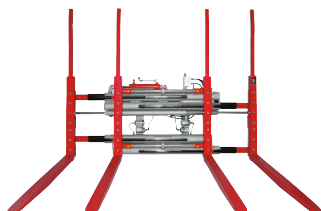
automatic lubrication system:

DPK 16 - 30 C upon request

(sideshift top and bottom)

DPK 32 - 100 C upon request (sideshift top)

- single pair control upon request
- scanner holder upon request



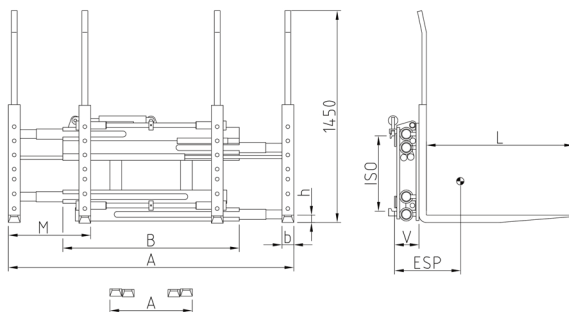
DURWEN
Forklift Attachments

More than 75 years experience

Double fork positioner for 2-4 pallets

DPK-C
DPK-P

The double fork positioner **DPK-C** can pick up two or four pallets through hydraulic fork positioning and extra fork length. The distance between the pallets can be reduced to zero. The strong frame construction maximises service life and safe working. The compact design gives excellent visibility. With the extended forks it is possible to load and unload vehicles from one side. Sideshift is fitted as standard.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	M mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
DPK 34-C	1600/1200	3,5-4,0/500	III	1200	560-1940	560	80x60x2400	+/- 100	185	620	815
DPK 45-C	2500/1200	4,0/600-5,0/500	III	1400	560-1940		80x65x2400	+/- 150	195	520	970
DPK 48-C	2800/1200	5,0/600	III	1400	560-1940		80x65x2400	+/- 150	195	505	995
DPK 60-P	3600/1200	5,0-6,0/600	IV	1420	560-1940		80x65x2400	+/- 150	171	490	1095
DPK 80-P	4600/1200	7,0-8,0/600	IV	1420	560-1940		80x70x2400 100x65x2400	+/- 150	171	485	1190
DPK 100-P	5600/1200	8,0/900	IV	1800	580-1960		90x70x2400 105x65x2400	+/- 150	181	483	1425
DPK 120-P	7000/1200	8,0/900	IV	2000	580-1960		90x70x2400 105x65x2400	+/- 150	181	477	1480
DPK 180-C1-*	9600/1200	15,0/600	integrated	2550	750-2080		160x70x2400	+/- 200	390	415	3800

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- no sideshift ISO II, III, ISO IV upon request, data change, please ask
- optional with high visibility load backrest ISO II, III upon request, ISO IV not available



automatic lubrication system:

DPK 34-C - DPK 55-C upon request (sideshift top)

DPK 60-CP - DPK 120-CP upon request

- single pair control upon request
- scanner holder upon request

* weight without brackets / COG is without brackets, from front edge of brackets / LLC is from front edge of brackets

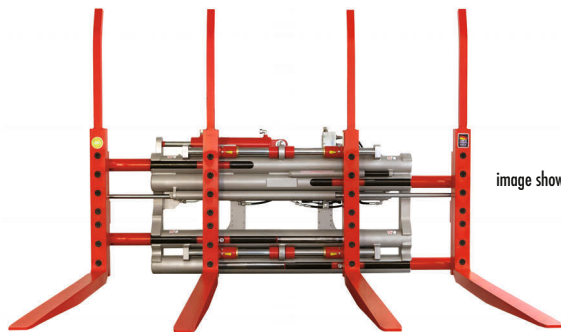


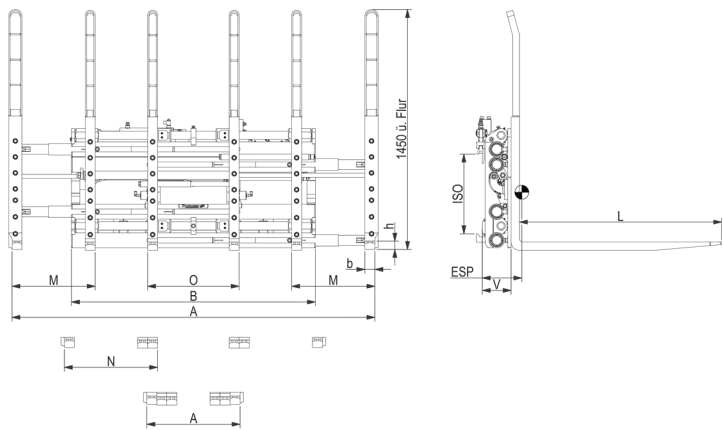
image shows DPK 45 C

DURWEN
Forklift Attachments

More than 75 years experience

Triple fork positioner for 1-2-3 pallets

The triple fork positioner DRPK-C can pick up one, two or three pallets through hydraulic fork positioning. The distance between the pallets can be reduced to zero. The strong frame construction maximises service life and safe working. Sideshift is fitted as standard.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	opening range A AK-AK mm	M/N/O mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
DRPK 25-C	2500/600	2,5/600	II	1630	560-2285	500/560/550	60x50x1200	+/- 100	173	230	745
DRPK 30-C	3000/600	3,0-3,5/600	III	1465	560-2240	530/590/550	60x50x1200		173	235	730
				1630	560-2285	500/560/550				235	745
				1795	560-2450	500/560/550				233	770
DRPK 45-C	3800/600	4,0-5,0/600	III	1630	560-2285	500/560/550	60x60x1200		173	240	800
				1795	560-2450					237	825
				2006	560-2660					220	880
				2285	560-2940					225	945
DRPK 50-C	4500/600	5,0/600	IV	1980	560-2760	510/570/580	60x65x1200	233	235	1220	

- 2 hydraulic functions required
 - includes hoses and couplings
 - constant sideshift as standard
- no sideshift class II and III, class IV upon request, data change, please ask
 - optional with high visibility load backrest ISO II, III upon request, ISO IV not available
-  automatic lubrication system:
DRPK 25- C - DRPK 50-C upon request
 - single pair control upon request
 - scanner holder upon request



image shows DRPK 45 C with option:
high visibility load backrest

Multi fork positioner

VDPK-C
VDRPK-C

with load-extender for 1-2 and 1-2-3 pallets

The double fork positioner VDPK-C with load-extender can load and unload trailers from one side.

Additionally, the attachment has all the advantages of the double fork positioner, i.e. sideshift, slim forks, handling of one or two pallets and positioning the pallets together. The stroke of the load-extender is sufficient for the standard vehicle width of 2400 mm. Model VDRPK-C is made for handling of 1, 2 or 3 pallets.

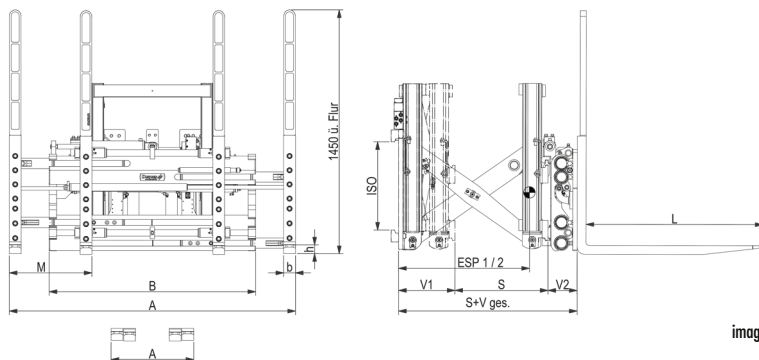


image shows VDPK

double fork positioner for 1+ 2 pallets

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	opening range A OTO mm	M mm	forks b x h x L mm	stroke S mm	sideshift mm	V1+V2 LLC mm	ESP I COG I mm	ESP II COG II mm	weight kg
VDPK 25-C	2400/600	3,5/500	II/III	1200	560-1940	560	80x40x1200	620	+/- 100	520	340	870	970
VDPK 45-C	2600/600	4,5- 5,0/600	III				80x50x1200	650		545	365	820	1190
VDPK 50-C	2600/600	5,0/600	IV				80x50x1200	650		545	365	820	1210

triple fork positioner for 1, 2 and 3 pallets

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	opening range A OTO mm	M/N mm	forks b x h x L mm	stroke S mm	sideshift mm	V1+V2 LLC mm	ESP I COG I mm	ESP II COG II mm	weight kg
VDRPK 45-C	3000/600	5,0/600	III	1550	560-2285	510/560	60x50x1200	650	+/- 125	553	400	680	1395
VDRPK 60-C	3800/600	6,0/600	IV							553	440	720	1455
VDRPK 70-C	3900/600	7,0/600	IV							553	455	735	1485
VDRPK 80-C	4500/600	8,0/600	IV							600	370	760	1880

- 3 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard

- solenoid valve upon request
(12 V, 24 V, 48 V, 80 V - please specify)



automatic lubrication system:

VDPK-C upon request

VDRPK-C upon request

- optional with high visibility load backrest
ISO II, III upon request, ISO IV not available

image shows VDPK 45-C with
optional high visibility load
backrest



COG 1 = retracted

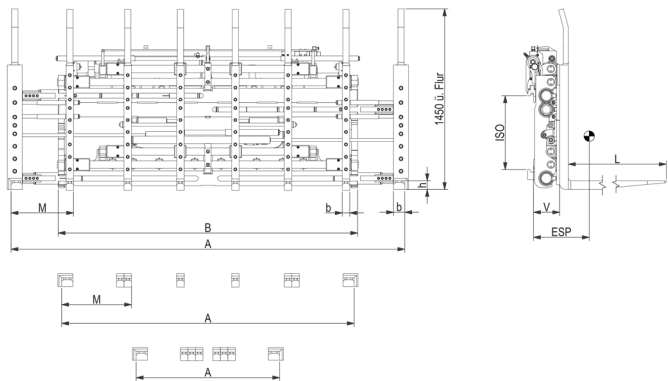
COG 2 = extended

DURWEN
Forklift Attachments

More than 75 years experience

Multiple fork positioner for 2-3-4 and 6-8 pallets

The multiple fork positioner **VPK-C** can pick up 2, 3 or 4 pallets through hydraulic fork positioning.
The multiple fork positioner **APK-C** can pick up 4, 6 or 8 pallets. Both models give excellent visibility to the operator. The stable frame gives strong support to the forks and allows high goods turnover. Sideshift is fitted as standard.



type VPK for 2-3-4 pallets											
type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	M mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
VPK 50-C	3600/600	5,0/600	IV	2400	1360-3155	500	80x60x1200	+/- 150	189	210	1390

type APK for 4-6-8 pallets											
type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	M mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
APK 80-C	5600/1200	8,0/900	IV	2400	1760-2960	500	120/90x70x2400 60x70x2400	+/- 150	200	435	2240

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard

 automatic lubrication system:
upon request



image shows APK 80-C with special equipment: telescopic camera

Multiple fork positioner SPK-C

Durwen app



compact design gives
ideal visibility

excellent
synchronisation

bolt-on forks

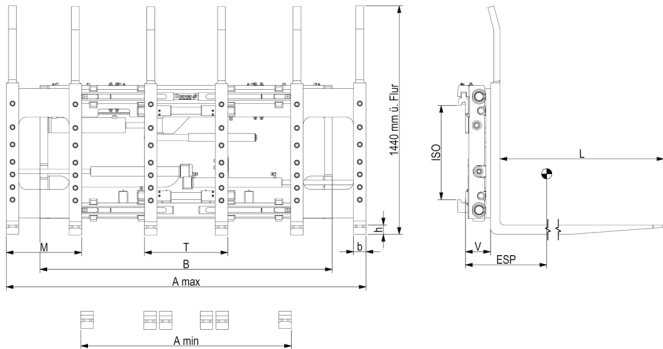
protected springs

sideshift with rollers
as standard



Multiple fork positioner for 4-6 pallets

The multiple fork positioner **SPK-C** is ideal for picking up and transporting 4 or 6 pallets at one time. Despite the stable and robust construction it offers excellent visibility to the operator. The outer forks spread beyond the attachment frame width.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	M/T mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
SPK 60-C2	3000/1200	6,0/600	IV	1860	1340-2290	500/530	80x60x2400	+/- 160	162	520	1450
SPK 80-C2*	4000/1200	8,0/600		1860	1340-2290	500/520	120x70x2400 80x70x2400		162	560	1660
SPK 100-C2*	6000/1200	8,0/900		1860 2260	1340-2290 1340-2700	500/520	120x70x2400 80x70x2400		174	550 535	1880 1945

- 2 hydraulic functions required
- includes hoses and couplings

- constant sideshift as standard



automatic lubrication system: upon request

* also fork section 100x70 / 80x70 mm possible, please ask



Multiple sideshifts

DST

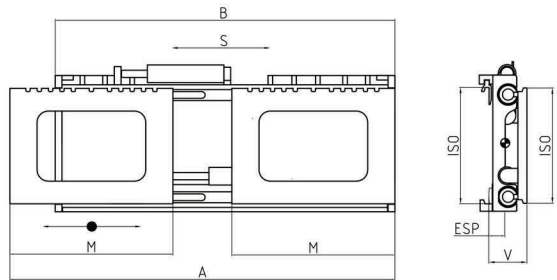
Multiple sideshifts from Durwen increase efficiency. By handling 2, 3 or 4 pallets at one time, efficiency can be increased dramatically. The main sideshift is enhanced by sideshifting front plates and can be used at all times to allow the joining or separation of loads or for correcting fork position. Standard hook-on forks can be used. Loads have to be equally distributed to all fork sets as off-centre loading is not allowed.

name	type	function
double sideshift	DST 1-0	one fork carriage fixed, one fork carriage movable
triple sideshift	DST 1-0-1	one fork carriage fixed in the middle, the outer fork carriages can be moved individually
triple sideshift	DST 1-1	both fork carriages can be moved individually

Double sideshift, 2 pallets

DST 1-0

One fork carriage fixed, one fork carriage hydraulically driven. One main sideshift.



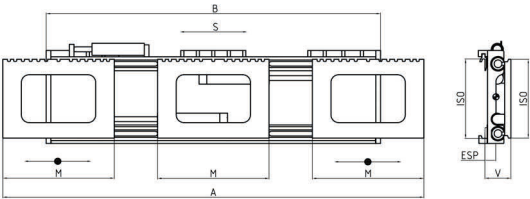
type	capacity kg LC mm	lift truck to LC mm	ISO mm	B mm	A mm	M mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
DST 25-1-0	2500/600	2,5/600	II	1350 1550	1500-1700 1980-2180	720 980	+/- 100	155	81 84	275 315
DST 50-1-0	5000/600	5,0/600	III	1500 1980	1500-1700 1980-2260	720 980	+/- 100	168	79 90	345 430
DST 80-1-0	8000/600	8,0/600	IV	1500 1980	1500-1700 1980-2260	720 980	+/- 160	182	85	640 765

- 2 hydraulic functions required
- includes hoses and couplings
- bolt-on forks upon request

Triple sideshift, 3 pallets

DST 1-0-1

Centre fork carriage fixed, the outer fork carriages hydraulically driven. One main sideshift.



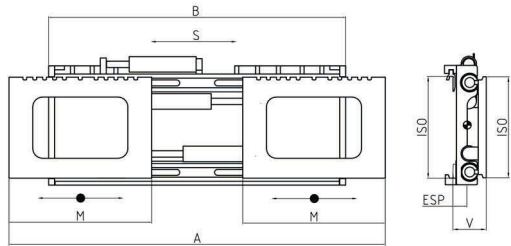
type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	M mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
DST 50-1-0-1	5000/600	5,0/600	III	2160 2940	2160-2720 2940-3500	720 980	+/- 100	168	90	530 655
DST 80-1-0-1	8000/600	8,0/600	IV	2160 2940	2160-2720 2940-3500	720 980	+/- 160	182		860 970

- 2 hydraulic functions required
- includes hoses and couplings
- choose solenoid valve for individual carriage movement instead.
One extra electric function required
- choose flow divider for synchronised movement of outer carriages
- bolt-on forks upon request

Triple sideshift, 2 pallets

DST 1-1

Both fork carriages hydraulically driven. One main sideshift.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	M mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
DST 25-1-1	2500/600	2,5/600	II	1500 1980	1500-1900 1980-2380	720 980	+/- 100	155	81 84	285 325
DST 50-1-1	5000/600	5,0/600	III	1500 2120	1500-1900 1980-2540	720 980	+/- 100	168	85 93	375 480
DST 80-1-1	8000/600	8,0/600	IV	1500 2120	1500-1900 1980-2540	720 980	+/- 160	182	85 85	690 815

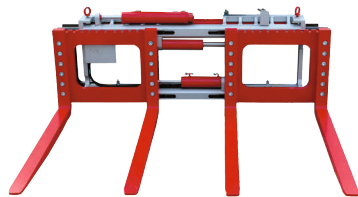


image shows type DST 50-1-1 with special equipment: bolt-on forks

- 2 hydraulic functions required
- includes hoses and couplings
- choose solenoid valve for individual carriage movement instead. One extra electric function required
- choose flow divider for synchronised movement of outer carriages
- bolt-on forks upon request

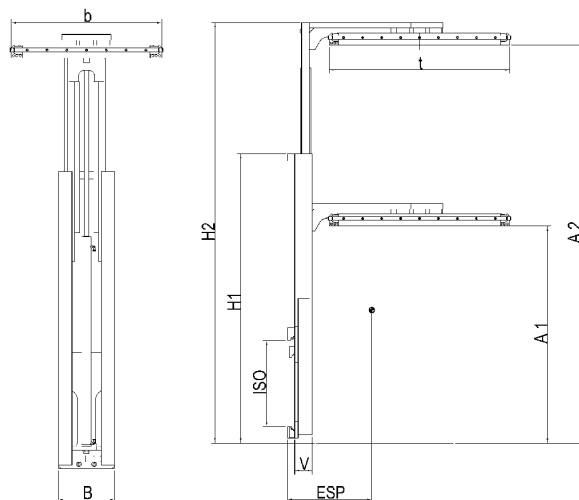


More than 75 years experience

Load stabiliser

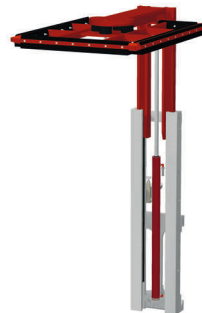
LH-C

The **load stabiliser LH-C** allows the lift truck driver safer transport of unstable loads. The load stabiliser is fitted with a pressure relief valve and pressure gauge as standard. The all-directional articulating bolt-on contact plate is equipped with bolt-on rubber.



type	lift truck to LC mm	ISO	width B mm	opening range A1/A2 mm	H 1 mm	H 2 mm	pressure frame b x t mm	max. pressure force 120 bar	V LLC mm	ESP COG mm	weight kg
LH 12-C	1,0-5,0/600	II/III	300	890-1580	1150	1700	750x1000	400 kg	100	240	225
LH 13-C				1000-1800	1300	1925				230	240
LH 14-C				900-1800	1400	2025				225	245
LH 15-C				1100-2000	1500	2125				220	250
LH 16-C				1200-2200	1600	2325				210	265
LH 17-C				1300-2400	1700	2525				200	270
LH 18-C				1400-2600	1800	2725				190	295

- 1 hydraulic function required
- includes pressure relief valve and pressure gauge
- data refer to ISO type A mounting
- other opening ranges upon request
- mounting ISO IV upon request
- load backrest upon request, data change, please ask
- telescopic version upon request



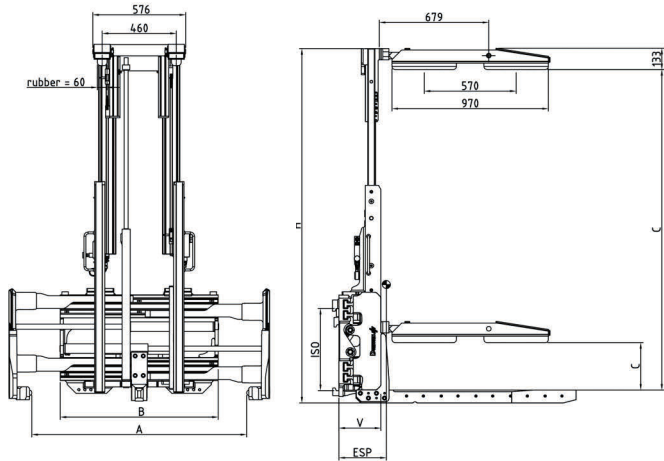
DURWEN
Forklift Attachments

More than 75 years experience

KEG - clamp

with load stabiliser

The **KEG - clamp** allows for lift and transport of casks (KEG's) without pallets. With the integrated load stabiliser, additional stability during transport is provided.



type	lift truck capacity to	capacity kg/mm LC	ISO	B mm	A ITI mm	b x h x l mm	load stabilizer c mm	sideshift mm	ESP COG mm	V LLC mm	weight kg
KEG 30	3,0/500	1680/635	II/III	980	520-1370	50x70x1220 50x70x1220	285-1985 285-2185	none	294	260	795
KEG 30-S	3,0/500	1680/635	II/III	980	520-1370	50x70x1220 50x70x1220	285-1985 285-2185	+/- 100	305	277	815

- 2 hydraulic functions required (3 hydraulic functions with sideshift)
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- includes hoses and couplings
- ISO 2328 A

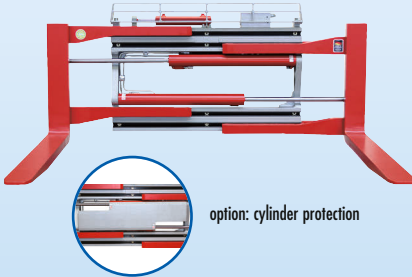


More than 75 years experience

Impressions of Durwen multiple fork positioners



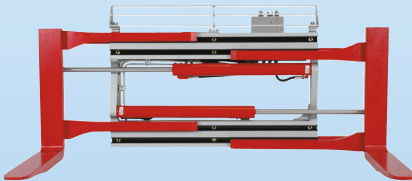
The **fork clamp PGK** can spread the forks beyond the attachment frame width. It can carry loads on the forks as well as clamped between the forks. The strong steel profiles allow for excellent visibility and minimised lost load centre. Available with constant sideshift or sideshift by valve. Bolt-on forks are standard.



option: cylinder protection

type PGK-S, constant sideshift, bolt-on forks

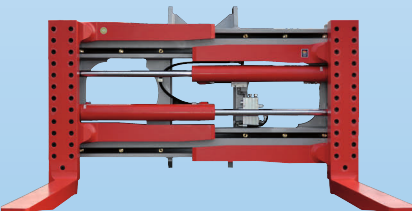
*sideshift see table



type PGK, integral sideshift (via valve), bolt-on forks

$$\text{max. sideshift} = \frac{\text{max. opening} - \text{min. opening}}{4}$$

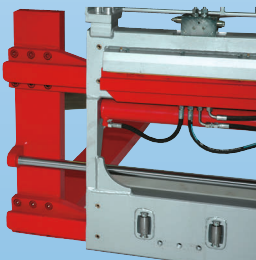
$$\text{min. sideshift} = 0$$



for heavy trucks type PGK 140-I, integral sideshift (via valve), bolt-on forks

$$\text{max. sideshift} = \frac{\text{max. opening} - \text{min. opening}}{4}$$

$$\text{min. sideshift} = 0$$



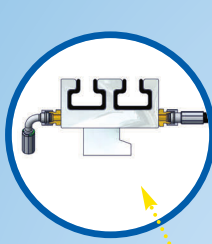
type PGK-S sideshift rollers as standard



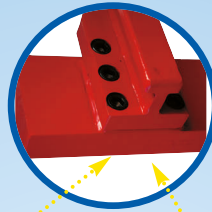
bolt-on forks

Fork clamp type PGK-S

Durwen app



reduced lost load centre
through patented oil
supply design



bolt-on forks

protection strip
as standard

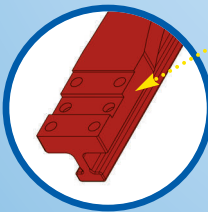
innovative valve
technology

compact design
gives excellent
visibility

strong steel frame

durable wear parts

optimised engineering
developed through the
FEM analysis method



fork mounting
via Durwen's
"slot and key"
technology

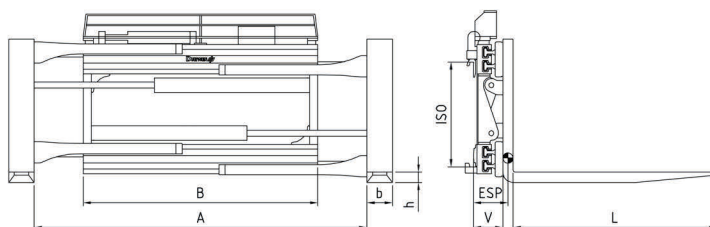


Fork clamp

PGK-S
ISO II/III

constant sideshift, bolt-on forks

The **fork clamp PGK-S** can spread the forks beyond the attachment frame width. It can carry loads on the forks as well as clamped between the forks. The strong steel profiles for excellent visibility and minimised lost load centre. A constant sideshift is included as well as bolt-on forks.



type	capacity on forks kg LC mm	capacity as clamp kg LC mm	lift truck to LC mm	ISO	B mm	opening range A ITI mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
PGK 15-S	1500/500	1200/500	1,0-1,5/500	II	980 1050	360-1510 360-1580	100x40x1200	+/- 100	143	210 202	355 365
PGK 20-S	2000/500	1500/500	1,6-2,0/500	II	980 1050 1150	360-1510 360-1580 360-1680	100x45x1200		143	217 209 201	370 380 390
PGK 25-S	2500/600	1900/500	2,0-2,5/600	II	980 1050 1150 1150 1200 1400	310-1460 310-1530 310-1630 70-1150 310-1680 310-1880	125x45x1200		148	222 218 215 212 210 205	425 435 450 445 455 485
PGK 30-S	3000/500	2400/500	3,0/500	III	980 1050 1150 1150 1200 1300 1350 1450	310-1460 310-1530 310-1630 210-1430 310-1680 310-1780 310-1830 310-1930	125x50x1200		148	220 215 210 212 210 205 205 200	445 455 470 465 480 490 500 515
PGK 35-S	3500/500	2700/500	3,0/600- 3,5/500	III	1150 1250 1350	260-1580 260-1680 260-1780	150x50x1200		153	240 237 235	530 550 570
PGK 40-S	4100/500	2900/500	3,5/600- 4,0/500	III	1150 1250 1350 1450	250-1560 250-1660 250-1760 250-1860	150x50x1200		155	215 212 210 202	665 680 700 720
PGK 45-S	4500/600	3500/500	4,0/600- 5,0/500	III	1250 1350 1450 1550	250-1660 250-1760 250-1860 250-1960	150x60x1200		165	210 205 204 203	720 740 760 780
PGK 48-S	5000/600	3500/600	5,0/600	III	1350 1450 1550	250-1700 250-1800 250-1900	150x70x1200		175	230 225 220	830 845 860

- 2 hydraulic functions required
- includes hoses and couplings
- features bolt-on forks as standard
- toe-in on forks as standard
- constant sideshift as standard
- sideshift rollers as standard
- with pressure relief valve on the clamp function as standard
- with protection strip as standard

- load backrest type LS-K see page 239
- cylinder protection (ISO II/III) upon request
- slip-on arms see page 237
- foundry/fishing version see page 234-235

DURWEN
Forklift Attachments

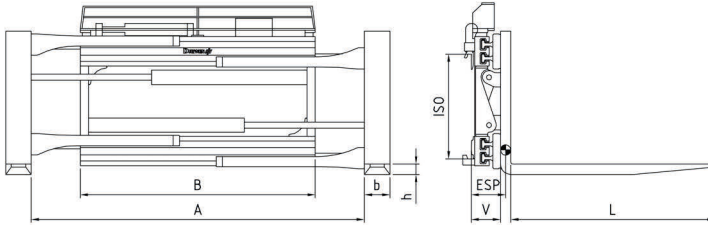
More than 75 years experience

Fork clamp

PGK-S
ISO IV

constant sideshift, bolt-on forks

The **fork clamp PGK-S** can spread the forks beyond the attachment frame width. It can carry loads on the forks as well as clamped between the forks. The strong steel profiles allow for excellent visibility and minimised lost load centre. A constant sideshift is included as well as bolt-on forks.



type	capacity on forks kg LC mm	capacity as clamp kg LC mm	lift truck to LC mm	ISO	B mm	opening range A ITL mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
PGK 50-S	5000/600	3500/600	5,0/600	IV	1350	250-1700	150x70x1200	+/- 100	179	220	920
					1450	250-1800		+/- 100		215	925
					1550	250-1900		+/- 160		210	950
					1800	250-2150		+/- 160		205	1015
PGK 60-S	6000/600	3800/600	6,0/600		1450	250-1800	150x70x1200	+/- 100	179	225	945
					1550	250-1900		+/- 160		205	970
					1750	250-2100		+/- 160		200	1020
					1800	250-2150		+/- 160		198	1060
PGK 80-S	8000/600	4800/600	7,0-8,0/600		2000	250-2350	+/- 160	195	1110		
					1350	160-1500	200x70x1200	+/- 100	198	215	1320
					1750	160-1900		+/- 160		210	1480
					1800	160-1950		+/- 160		208	1500
					1850	160-2000		+/- 160		205	1520
					1950	160-2100		+/- 160		200	1560
PGK 100-S	8000/900	7500/600	8,0/900		2000	160-2150		+/- 160		197	1580
					2200	160-2350	+/- 160	195	1660		
				1950	160-2100	200x80x1200	+/- 160	207	210	1710	
				2000	160-2150				208	1730	
2100	160-2250	205	1770								
2200	160-2350	200	1810								
PGK 110-S	8000/1100	8000/600	8,0/1100	2400	160-2550			195	1890		
				2200	160-2040	200x100x1200	+/- 160	231	220	2520	

- 2 hydraulic functions required
- includes hoses and couplings
- features bolt-on forks as standard
- toe-in on forks as standard
- constant sideshift as standard
- sideshift rollers as standard

- with pressure relief valve on the clamp function as standard
- with protection strip as standard
- load backrest type LS-K see page 239
- cylinder protection upon request (ISO IV)

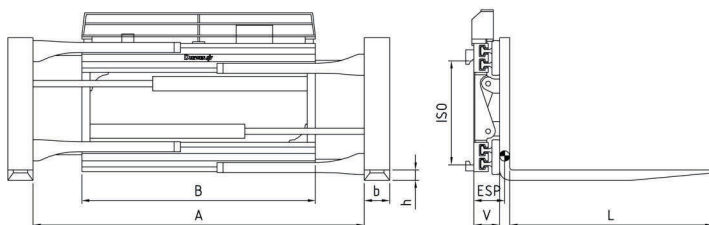
- slip-on arms see page 237
- foundry/fishing version see page 234-235

Fork clamp

PGK
ISO II/III

integral sideshift, bolt-on forks

The fork clamp **PGK** can spread the forks beyond the attachment frame width. It can carry loads on the forks as well as clamped between the forks. The strong steel profiles allow for excellent visibility and minimised lost load centre. An integral sideshift is included as well as bolt-on forks.



type	capacity on forks kg LC mm	capacity as clamp kg LC mm	lift truck to LC mm	ISO	B mm	opening range A ITI mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
PGK 15	1500/500	1200/500	1,0-1,5/500	II	980 1050	360-1510 360-1580	100x40x1200	126	218 212	335 345
PGK 20	2000/500	1500/500	1,6-2,0/500	II	980 1050 1150	360-1510 360-1580 360-1680	100x45x1200	126	225 220 205	350 360 370
PGK 25	2500/600	1900/500	2,0-2,5/600	II	980 1050 1080 1150 1150 1200 1400	310-1460 310-1530 310-1560 310-1630 70-1150 310-1680 310-1880	125x45x1200	131	232 228 227 225 222 220 205	405 415 420 430 425 435 465
PGK 30	3000/500	2400/500	3,0/500	III	980 1050 1150 1150 1200 1300 1350 1450	310-1460 310-1530 310-1630 210-1430 310-1680 310-1780 310-1830 310-1930	125x50x1200	131	230 225 220 222 218 216 215 210	425 435 450 445 460 470 480 495
PGK 35	3500/500	2700/500	3,0/600- 3,5/500	III	1150 1250 1350	260-1580 260-1680 260-1780	150x50x1200	136	250 247 245	510 530 550
PGK 40	4100/500	2900/500	3,5/600- 4,0/500	III	1150 1250 1350 1450	250-1560 250-1660 250-1760 250-1860	150x50x1200	138	220 218 215 210	600 620 635 650
PGK 45	4500/600	3500/500	4,0/600- 5,0/500	III	1250 1350 1450 1550	250-1660 250-1760 250-1860 250-1960	150x60x1200	148	215 210 209 208	670 690 710 730
PGK 48	5000/600	3500/600	5,0/600	III	1350 1450 1550	250-1700 250-1800 250-1900	150x70x1200	158	225 223 220	780 795 810

- 2 hydraulic functions required
- includes hoses and couplings
- features bolt-on forks as standard
- toe- in on forks as standard
- with pressure relief valve on the clamp function as standard
- with protection strip as standard
- load backrest type LS-K see page 239
- cylinder protection (ISO II/III) upon request
- slip-on arms see page 237
- foundry/fishing version see page 234-235

DURWEN
Forklift Attachments

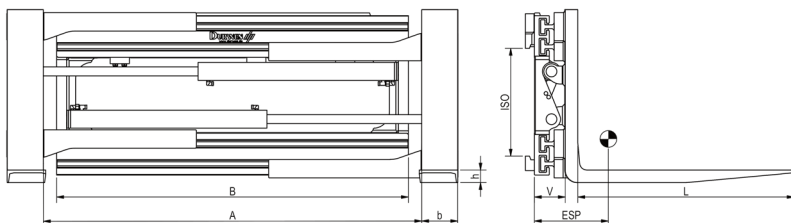
More than 75 years experience

Fork clamp

**PGK
ISO IV**

integral sideshift, bolt-on forks

The **fork clamp PGK** can spread the forks beyond the attachment frame width. It can carry loads on the forks as well as clamped between the forks. The strong steel profiles allow for excellent visibility and minimised lost load centre. An integral sideshift is included as well as bolt-on forks.



type	capacity on forks kg LC mm	capacity as clamp kg LC mm	lift truck to LC mm	ISO	B mm	opening range A IT1 mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
PGK 50	5000/600	3500/600	5,0/600	IV	1250	250-1600	150x70x1200	158	225	815
					1350	250-1700			220	830
					1450	250-1800			218	845
					1550	250-1900			215	860
					1800	250-2150			210	895
PGK 60	6000/600	3800/600	6,0/600	IV	1300	250-1650	150x70x1200	158	235	830
					1450	250-1800			220	860
					1550	250-1900			210	880
					1800	250-2150			205	940
					2000	250-2350			200	1000
PGK 80	8000/600	4800/600	7,0-8,0/600	IV	1350	160-1500	200x70x1200	177	220	1260
					2000	160-2150			202	1500
					2200	160-2350			195	1570
					2400	160-2550			190	1640
PGK 100	8000/900	7500/600	8,0/900	IV	2000	160-2150	200x80x1200	185	213	1640
					2100	160-2250			210	1680
					2200	160-2350			205	1720
					2400	160-2550			200	1800
PGK 110	8000/1100	8000/600	8,0/1100	IV	2200	160-2060	200x100x1200	210	225	2420
PGK 120-I*	12000/1200	6500/1200	12,0/1200	integrated	2200 2400	200-2000 200-2200	250/220x120x1200	330	220 230	3800 3950
PGK 140-I*	14000/1200	7000/1200	14,0/1200	integrated	2200 2400	200-2000 200-2200	250/230x120x1200	330	235 240	3860 4010
PGK 160-I*	16000/1200	7500/1200	16,0/1200	integrated	2200 2400	200-2000 200-2200	250x120x1200	330	260 250	3940 4090

- 2 hydraulic functions required
- includes hoses and couplings
- features bolt-on forks as standard
- toe-in on forks as standard
- with pressure relief valve on the clamp function as standard

- load backrest type LS-K see page 239
- cylinder protection upon request (ISO IV)
- slip-on arms see page 237
- foundry/fishing version see page 234-235

* weight without brackets / COG is without brackets, from front edge of brackets / LLC is from front edge of brackets

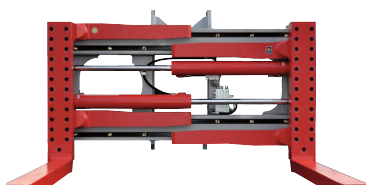
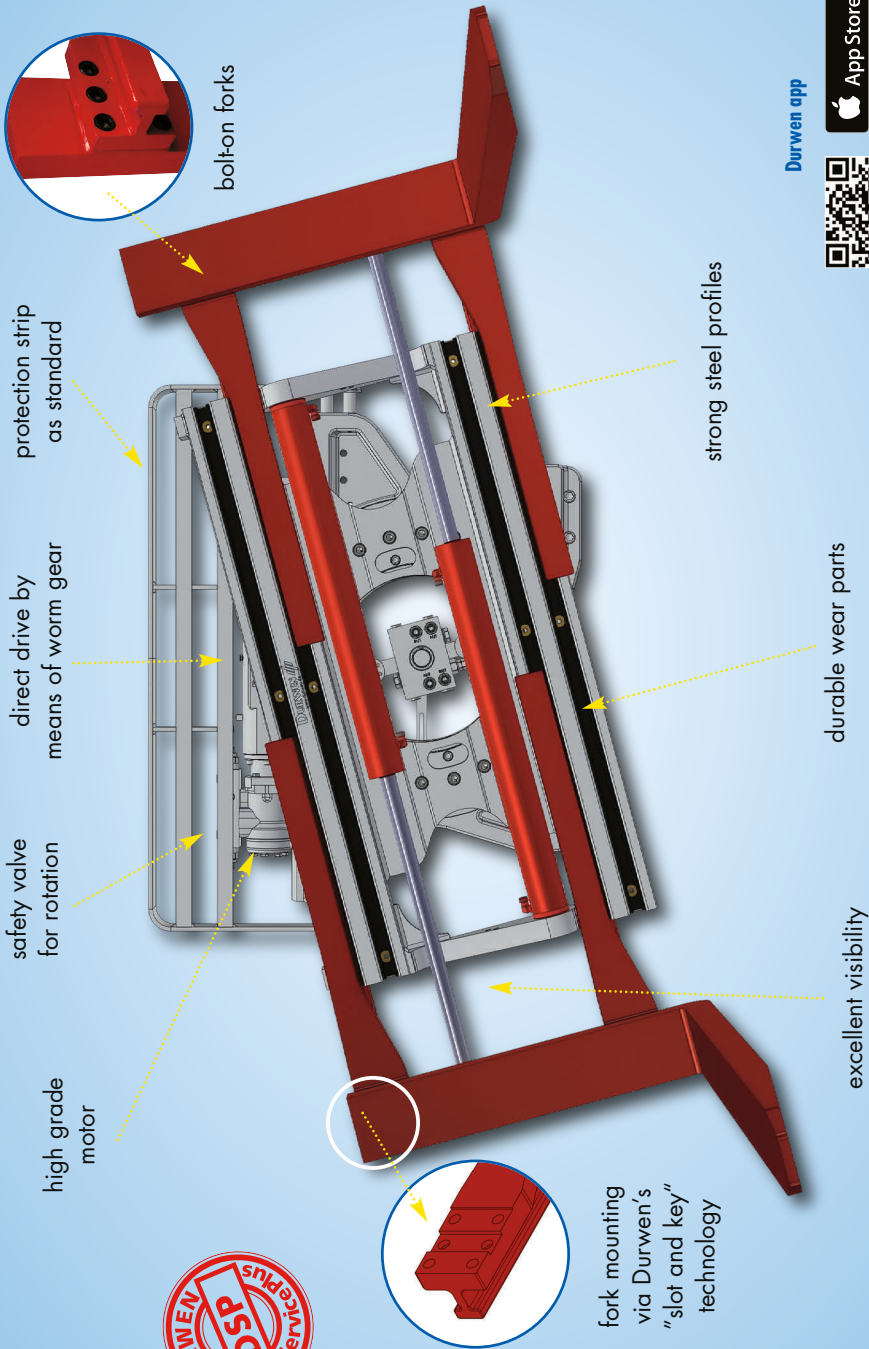


image shows type PGK 140-I

DURWEN
Forklift Attachments

More than 75 years experience

360° revolving fork clamp type DUZ

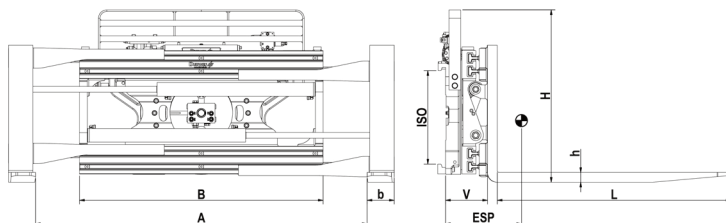


Revolving fork clamp 360°

DUZ
ISO II/III

bolt-on forks

The revolving fork clamp **DUZ** is a multi-purpose clamp with 360° continuous rotation. Loads can be carried on forks or clamped between them. Revolving fork clamps are perfect for emptying containers, boxes, bins etc.. The unit features bolt-on forks and a direct drive for rotation.

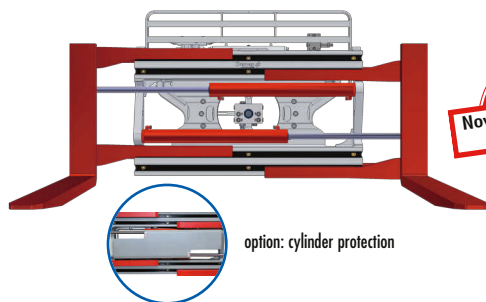


type	capacity on forks kg LC mm	capacity as clamp kg LC mm	lift truck to LC mm	ISO	B mm	opening range A ITI mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
DUZ 15	1900/500	1400/500	1,5-2,0/500	II	980 1050	360-1510 360-1580	100x40x1200	206	192 190	520 530
DUZ 25	2500/600	1900/500	2,0-2,5/600	II	980 1050 1150 1250 1350	310-1460 310-1530 310-1630 310-1730 310-1830	125x50x1200	212	198 195 190 188 187	655 665 680 695 710
DUZ 30	3000/500	2400/500	3,0/500	III	980 1050 1150 1250 1350	310-1460 310-1530 310-1630 310-1730 310-1830	125x50x1200	212	198 195 190 188 187	655 665 680 695 710
DUZ 35	3500/500	2700/500	3,0/600- 3,5/500	III	1150 1350	260-1580 260-1780	150x50x1200	222	210 200	735 770
DUZ 40	4100/500	2900/500	3,5/600- 4,0/500	III	1250 1350 1450	250-1660 250-1760 250-1860	150x50x1200	240	218 215 205	955 975 995
DUZ 45	4500/600	3500/600	4,0/600- 5,0/500	III	1250 1350 1450	250-1660 250-1760 250-1860	150x60x1200	250	220 217 205	965 985 1005
DUZ 48	4800/600	3500/600	5,0/600	III	1350	250-1700	150x70x1200	260	230	1130

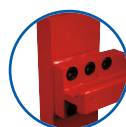
- 2 hydraulic functions required
- includes hoses and couplings
- 360° endless rotation
- direct drive due to worm gear
- features bolt-on forks as standard

- toe-in on forks as standard
- with pressure relief valve on the clamp function as standard
- standard with protection strip type SB-DG (does not rotate, height = H, for exact type see page 238)

- cylinder protection (ISO II/III) upon request
- pressure gauge + pressure manually adjustable (up to 160 bar) upon request
- slip-on arms see page 237
- foundry version see page 235
- fishing version see page 234



option: cylinder protection



bolt-on forks

DURWEN
Forklift Attachments

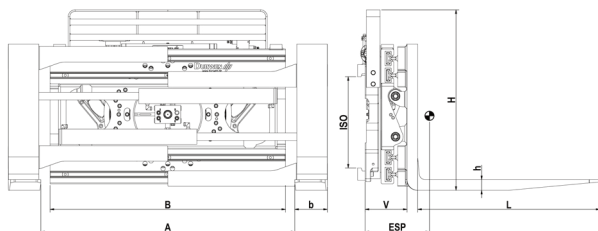
More than 75 years experience

Revolving fork clamp 360°

DUZ
ISO IV

bolt-on forks

The revolving fork clamp **DUZ** is a multi-purpose clamp with 360° continuous rotation. Loads can be carried on forks or clamped between them. Revolving fork clamps are perfect for emptying containers, boxes, bins etc.. The unit features bolt-on forks and a direct drive for rotation.



type	capacity on forks kg LC mm	capacity as clamp kg LC mm	lift truck to LC mm	ISO	B mm	opening range A ITI mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
DUZ 50	4800/600	3500/600	5,0/600	IV	1250 1350 1450	250-1600 250-1700 250-1800	150x70x1200	260	230 235 240	1160 1185 1225
DUZ 60	5700/600	3800/600	6,0/600	IV	1300 1450 1550	250-1650 250-1800 250-1900	150x70x1200	266	235 230 225	1310 1340 1360
DUZ 80	8000/600	4800/600	7,0-8,0/600	IV	1550	160-1700	200x70x1200	277	220	1920
DUZ 100	8000/900	7500/600	8,0/900	IV	1550	160-1700	200x80x1200	297	215	1950
DUZ 120-I*	12000/1200	5500/1200	12,0/1200	integrated	2200 2400	200-2000 200-2200	250/220x120x1200	500	300 310	6490 6640
DUZ 140-I*	14000/1200	6000/1200	14,0/1200	integrated	2200 2400	200-2000 200-2200	250/220x120x1200	500	315 320	6550 6700
DUZ 160-I*	16000/1200	6500/1200	16,0/1200	integrated	2200 2400	200-2000 200-2200	250x120x1200	500	340 330	6630 6780

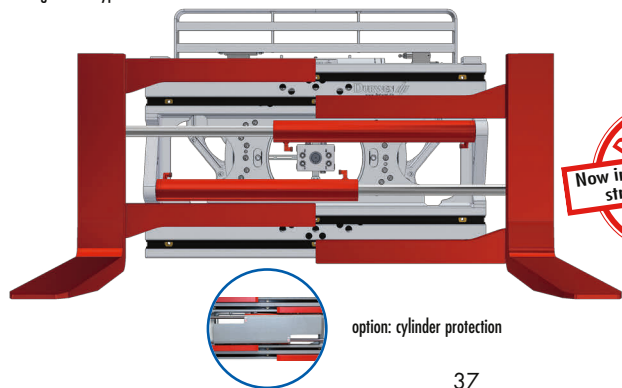
- 2 hydraulic functions required
- includes hoses and couplings
- 360° endless rotation
- direct drive due to worm gear
- features bolt-on forks as standard
- toe in on forks as standard

- with pressure relief valve on the clamp function as standard
- standard with protection strip type SB-DG (does not rotate, height = H, for exact type see page 238)
- cylinder protection upon request (ISO IV)
- pressure gauge + pressure manually adjustable (up to 160 bar) upon request

- slip-on arms see page 237
- foundry version see page 235
- fishing version see page 234

* weight without brackets / COG is without brackets, from front edge of brackets / LLC is from front edge of brackets

image shows type DUZ 80



option: cylinder protection



bolt-on forks



DURWEN
Forklift Attachments

More than 75 years experience

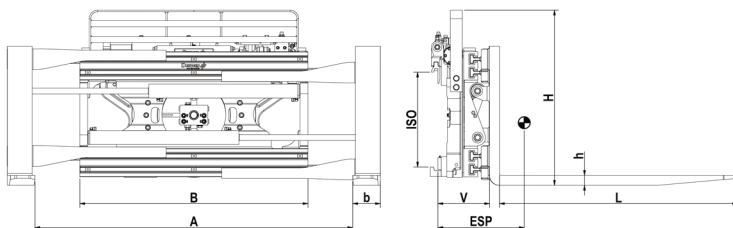
Revolving fork clamp 360°

DUZ-S
ISO II/III

bolt-on forks, constant sideshift

The rotating fork clamp DUZ-S is a universal attachment and can be rotated endlessly 360 degrees.

The load can be picked up on or between the forks (clamped). In addition, the rotating fork clamp is used for emptying wire mesh boxes, crates and other containers. The attachment has a constant sideshift.

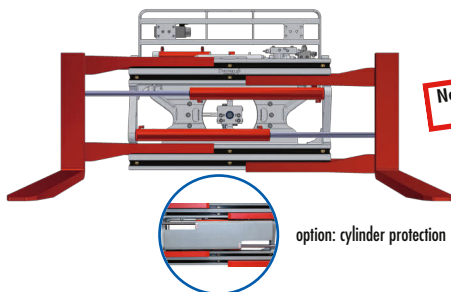


type	capacity on forks kg LC mm	capacity as clamp kg LC mm	lift truck to LC mm	ISO	B mm	opening range A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
DUZ 15-S	1900/500	1400/500	1,5-2,0/500	II	980 1050	360-1510 360-1580	100x40x1200	+/- 100	259	225 212	560 570
DUZ 25-S	2500/600	1900/500	2,0-2,5/600	II	980 1050 1150 1250 1350	310-1460 310-1530 310-1630 310-1730 310-1830	125x50x1200		242	220 215 205 204 203	700 710 725 740 755
DUZ 30-S	3000/500	2400/500	3,0/500	III	980 1050 1150 1250 1350	310-1460 310-1530 310-1630 310-1730 310-1830	125x50x1200		257	220 215 205 204 203	725 735 750 760 775
DUZ 35-S	3500/500	2700/500	3,0/600- 3,5/500	III	1150 1350	260-1580 260-1780	150x50x1200		267	225 220	805 835
DUZ 40-S	4100/500	2900/500	3,5/600- 4,0/500	III	1250 1350 1450	250-1660 250-1760 250-1860	150x50x1200		289	243 240 230	1050 1065 1085
DUZ 45-S	4500/600	3500/600	4,0/600- 5,0/500	III	1250 1350 1450	250-1660 250-1760 250-1860	150x60x1200		299	245 242 230	1125 1145 1165
DUZ 48-S	4800/600	3500/600	5,0/600	III	1350	250-1700	150x70x1200		309	255	1240

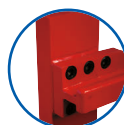
- 3 hydraulic functions required
- includes hoses and couplings
- 360° endless rotation
- direct drive due to worm gear
- constant sideshift as standard
- features bolt-on forks as standard

- toe-in on forks as standard
- with pressure relief valve on the clamp function as standard
- standard with protection strip type SB-DG (does not rotate, height = H, for exact type see page 238)
- cylinder protection (ISO II/III) upon request

- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- pressure gauge + pressure manually adjustable (up to 160 bar) upon request
- slip-on arms see page 237
- foundry/fishing version see page 234-235



option: cylinder protection



bolt-on forks

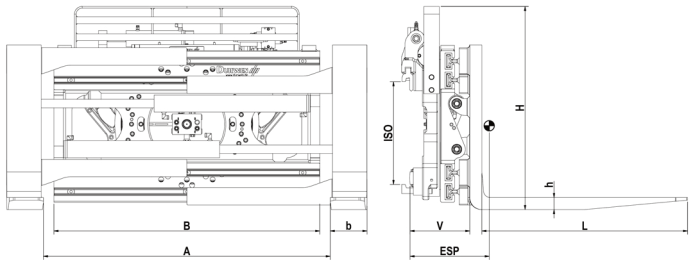
DURWEN
Forklift Attachments

More than 75 years experience

Revolving fork clamp 360°

bolt-on forks, constant sideshift

The **rotating fork clamp DUZ-S** is a universal attachment and can be rotated endlessly 360 degrees. The load can be picked up on or between the forks (clamped). In addition, the rotating fork clamp is used for emptying wire mesh boxes, crates and other containers. The attachment has a constant sideshift.

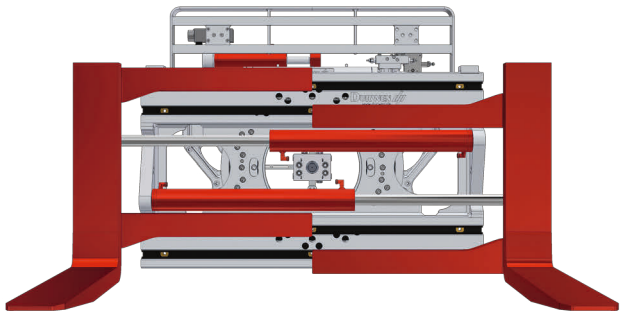


type	capacity on forks kg LC mm	capacity as clamp kg LC mm	lift truck to LC mm	ISO	B mm	opening range A mm	forks b x h x L mm	sideshift mm	V mm	ESP mm	weight kg
DUZ 50-S	4800/600	3500/600	5,0/600	IV	1250 1350 1450	250-1600 250-1700 250-1800	150x70x1200	+/- 100	327	360 355 350	1350 1375 1415
DUZ 60-S	5700/600	3800/600	6,0/600		1300 1450 1550	250-1650 250-1800 250-1900	150x70x1200			355 350 345	1510 1540 1560
DUZ 80-S	8000/600	4800/600	7,0-8,0/600		1550	160-1700	200x70x1200			320	1995
DUZ 100-S	8000/900	7500/600	8,0/900		1550	160-1700	200x80x1200			315	2160

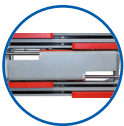
- 3 hydraulic functions required
- includes hoses and couplings
- 360° endless rotation
- direct drive due to worm gear
- constant sideshift as standard
- features bolt-on forks as standard

- toe-in on forks as standard
- with pressure relief valve on the clamp function as standard
- standard with protection strip type SB-DG (does not rotate, height = H, for exact type see page 238)
- cylinder protection upon request (ISO IV)
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)

- pressure gauge + pressure manually adjustable (up to 160 bar) upon request
- slip-on arms see page 237
- foundry/fishing version see page 234-235



bolt-on forks



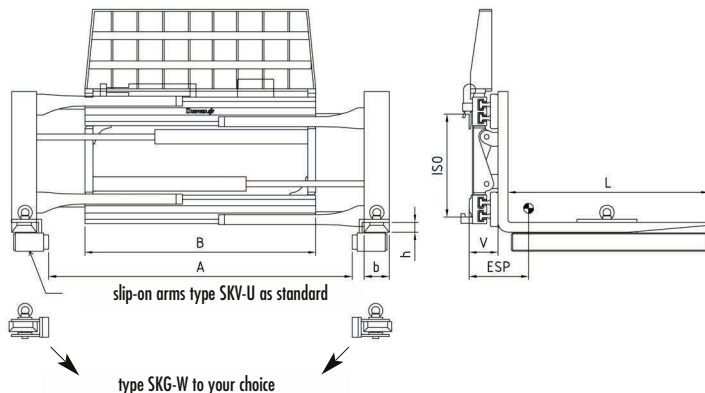
option: cylinder protection

Building material clamp

UVP-S

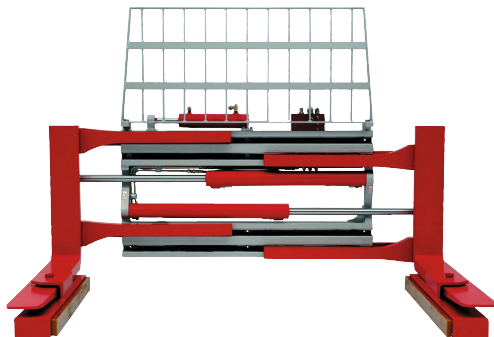
constant sideshift, bolt-on forks

The building material clamp UVP is an ideal attachment for the transport of a variety of building materials. With the articulating slip-on arms, various loads can be picked up quickly and safely without pallets. Also pallet loads can easily be transported with the slip-on arms removed. A robust backrest protects the driver from loose stones falling through the mast.



type	capacity on forks kg LC mm	capacity as clamp kg LC mm	lift truck to LC mm	ISO	B mm	opening range A ITI mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
UVP 25-S	2500/600	1900/500	2,0-2,5/600	II	1150	170-1490	140x50x1200	+/- 100	148	337	635
UVP 30-S	3000/500	2400/500	3,0/500	III	1200	170-1540	140x50x1200		153	322	680
UVP 35-S	3500/500	2700/500	3,0/600-3,5/500	III	1200	140-1500	150x50x1200		155	298	775
UVP 40-S	4000/500	2900/500	3,5/600-5,0/500	III	1350	140-1650	150x50x1200		165	288	840
UVP 45-S	4500/600	3100/500	5,0/600	III	1350	140-1650	150x60x1200		175	302	890

- 2 hydraulic functions required
- includes hoses and couplings
- features bolt-on forks as standard
- toe-in on forks as standard
- constant sideshift as standard
- sideshift rollers as standard
- with pressure relief valve on the clamp function as standard
- with slip-on arms type SKV-U as standard, or choose type SKG-W at no extra charge
- more slip-on arms see page 237
- solid load backrest as standard, height (ISO type A):
UVP 25-S = 1350 mm from floor
UVP 30-S-UVP 45-S = 1450 mm from floor



bolt-on forks

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Forklift Attachments

More than 75 years experience

Harbour clamp

with constant sideshift type PHK-S or with integral sideshift type PHK

The harbour clamp PHK is used for clamping bales and boxes as well as transporting pallets. Specially shaped forks are ideal for picking of densely stacked goods. The clamp valve is built into the frame for protection and all key parts are bolted for rapid replacement. The clamp features excellent visibility.

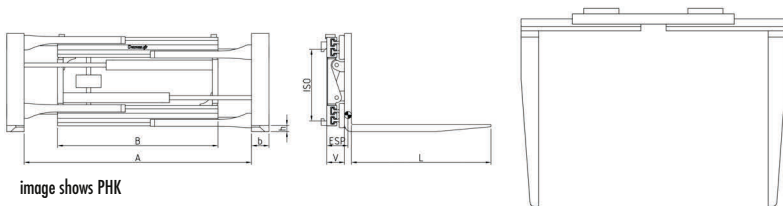


image shows PHK

PHK with integral sideshift

type	capacity on forks kg LC mm	capacity as clamp kg LC mm	lift truck to LC mm	ISO	B mm	opening range A ITI mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
PHK 15	1500/500	1200/500	1,0-1,5/500	II	1050	360-1580	100x45x1200	valve	126	170	370
PHK 20	2000/500	1400/500	1,6-2,0/500	II	1050	360-1580	100x45x1200		126	170	370
PHK 25	2500/600	1600/500	2,0-2,5/600	II	1150	310-1630	125x45x1200		126	182	425
PHK 30	3000/500	1600/500	3,0/500	III	1150	310-1630	125x45x1200		126	186	430
PHK 35	3500/500	2200/500	3,0/600-3,5/500	III	1150	260-1580	150x50x1200		136	198	510
PHK 45	4500/600	2900/500	3,5/600-5,0/600	III	1350	250-1760	150x60x1200		148	202	695

PHK-S with constant sideshift

type	capacity on forks kg LC mm	capacity as clamp kg LC mm	lift truck to LC mm	ISO	B mm	opening range A ITI mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
PHK 15-S	1500/500	1200/500	1,0-1,5/500	II	1050	360-1580	100x45x1200	+/- 100	143	215	390
PHK 20-S	2000/500	1400/500	1,6-2,0/500	II	1050	360-1580	100x45x1200		143	215	390
PHK 25-S	2500/600	1600/500	2,0-2,5/600	II	1150	310-1630	125x45x1200		143	210	445
PHK 30-S	3000/500	1600/500	3,0/500	III	1150	310-1630	125x45x1200		143	208	450
PHK 35-S	3500/500	2200/500	3,0/600-3,5/500	III	1150	260-1580	150x50x1200		153	205	540
PHK 45-S	4500/600	2900/500	3,5/600-5,0/600	III	1350	250-1760	150x60x1200		165	215	730

- 2 hydraulic functions required
- includes hoses and couplings

- features bolt-on forks as standard
- toe-in on forks as standard

- with pressure relief valve on the clamp function as standard
- slip-on arms upon request only
- features protection strip with constant sideshift

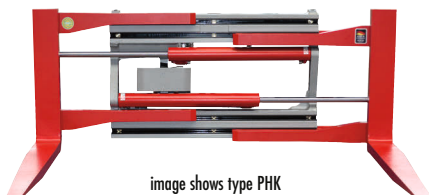
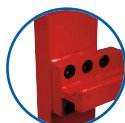


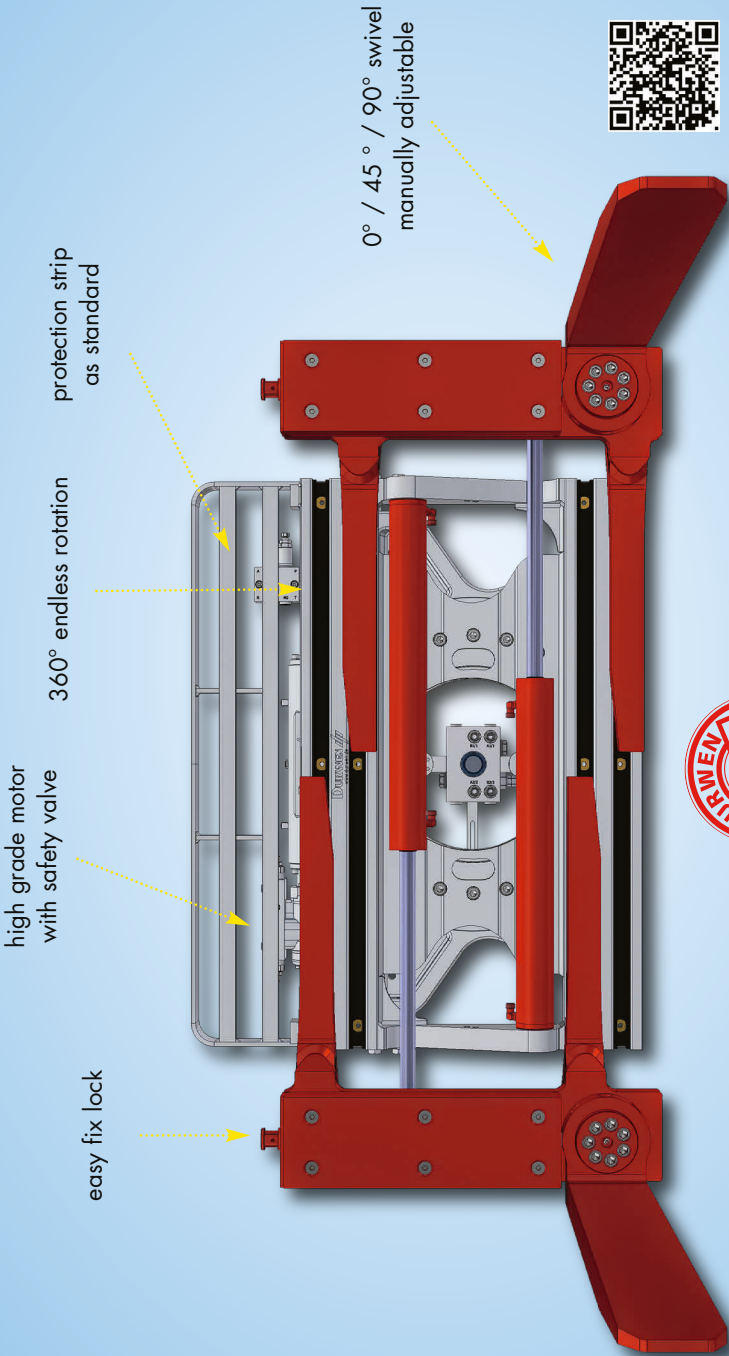
image shows type PHK



bolt-on forks

Revolving clamp with turnable forks type DDGK

Durwen app

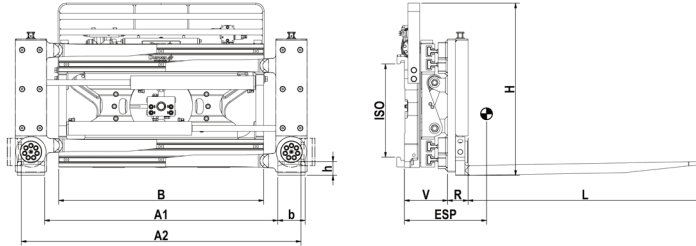


Clamp with turnable forks

DDGK

360° endless rotation, no sideshift

The revolving clamp with turnable forks DDGK allows for flexible use of forklift trucks. The fork on this attachment can be converted manually from pallet to clamp position. Loads standing close together can be clamped easily. Pallets can also be handled simply with forks in the normal position. The attachment is not recommended for heavy duty clamp jobs and clamping with forks in the pallet position is not allowed.



type	capacity on forks kg LC mm	capacity as clamp kg LC mm	lift truck to LC mm	ISO	B mm	opening range A1 ITL mm	opening range A2 ITL mm	forks b x h x L mm	R mm	V LLC mm	ESP COG mm	weight kg
DDGK 20	1800/500	1200/500	1,5-2,0/500	II	1050 1150	130-1210 315-1675	405-1485 590-1950	125x45x1200	105	219	240 235	650 665
DDGK 25	2300/500	1750/500	2,0-2,5/600	II	1050 1150	115-1195 300-1660	395-1475 580-1940	140x50x1200		221	242 239	765 780
DDGK 30	2800/500	2000/500	3,0/500	III	1050 1150 1350	115-1195 300-1660 300-1860	395-1475 580-1940 580-2140	140x50x1200		221	241 238 232	770 785 820

- 2 hydraulic functions required (3 hydraulic functions with constant sideshift)
- includes hoses and couplings
- standard with protection strip type SB-DG (does not rotate, height = H, for exact type see page 238)
- forks can be set to 0°/45°/90°, clamping only in 90° position
- max. fork length 1600 mm
- mounting ISO A as standard, ISO B upon request
- constant sideshift see page 240
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- hydraulic fork turn upon request
- pressure gauge with hand wheel upon request
- manual 3 stage pressure relief valve upon request

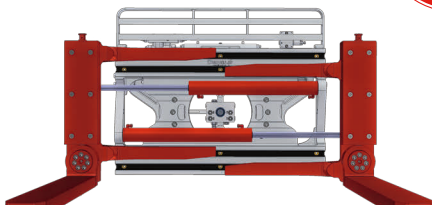


image shows horizontal fork position for pallet handling

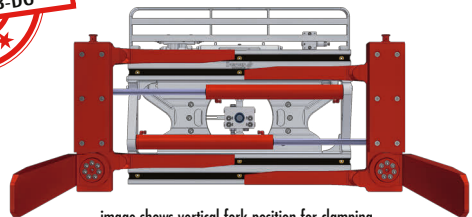


image shows vertical fork position for clamping

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Forklift Attachments

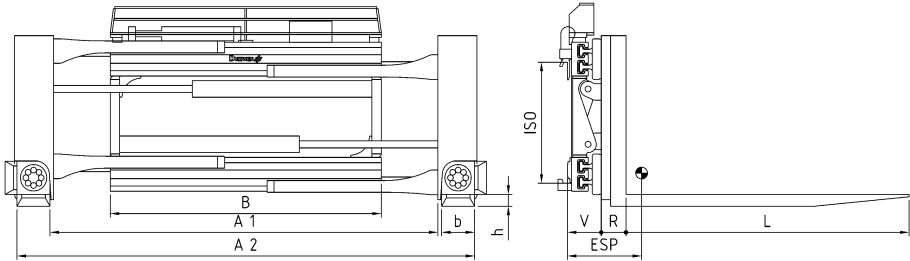
More than 75 years experience

Clamp with turnable forks

DGK

integral sideshift, bolt-on forks

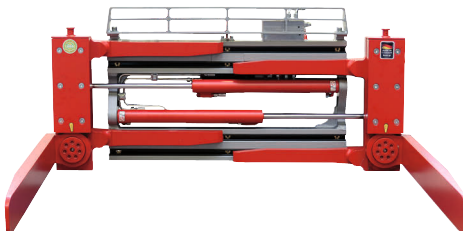
The clamp with turnable forks DGK allows for flexible use of forklift trucks. The fork on this attachment can be converted manually from pallet to clamp position. Loads standing close together can be clamped easily. Pallets can also be handled simply with forks in the normal position. The attachment is not recommended for heavy duty clamp jobs and clamping with forks in the pallet position is not allowed.



type	capacity on forks kg LC mm	capacity as clamp kg LC mm	lift truck to LC mm	ISO	B mm	opening range A1 ITL mm	opening range A2 ITL mm	forks b x h x L mm	R mm	V LLC mm	ESP COG mm	weight kg
DGK 20	2000/500	1200/500	1,5- 2,0/500	II	1050 1150	130-1210 315-1675	405-1485 590-1950	125x45x1200	105	136	260 258	490 505
DGK 25	2500/600	1750/500	2,0-2,5/600	II	1050 1150	130-1210 315-1675	405-1485 590-1950	125x45x1200			237 235	495 510
DGK 30	3000/500	2000/500	3,0/500	III	1050 1150 1350	115-1195 300-1660 300-1860	395-1475 580-1940 580-2140	140x50x1200			258 255 250	525 540 570

- 2 hydraulic functions required (1 without sideshift)
- includes hoses and couplings
- integral sideshift as standard
- with protection strip as standard (height 150 mm above top edge of unit)
- load backrest type LS-K see page 239
- forks can be manually set to 0°/45°/90°, clamping only in 90° position
- mounting ISO A as standard, ISO B upon request
- max. fork length 1600 mm

- hydraulic fork turn upon request, one more hydraulic function required, data change, please ask
- pressure gauge with hand wheel upon request
- manual 3 stage pressure relief valve upon request
- if you do not want sideshift notify us on your order



forks vertical for clamping (90° position)

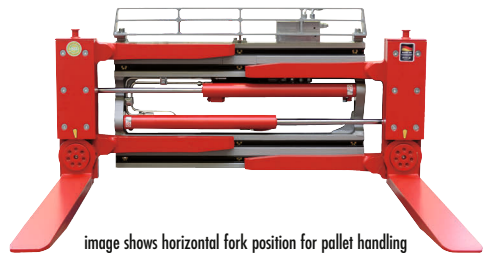


image shows horizontal fork position for pallet handling

DURWEN
Forklift Attachments

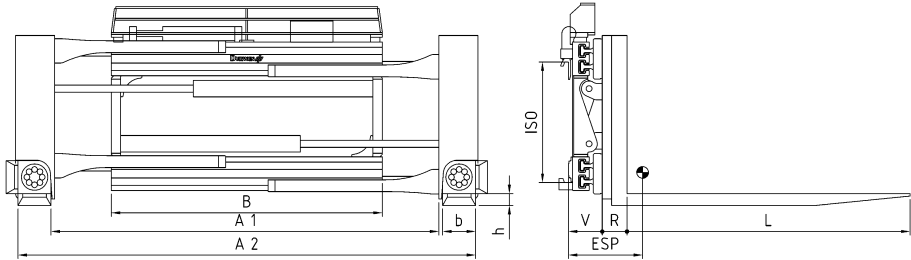
More than 75 years experience

Clamp with turnable forks

DGK-S

constant sideshift, bolt-on forks

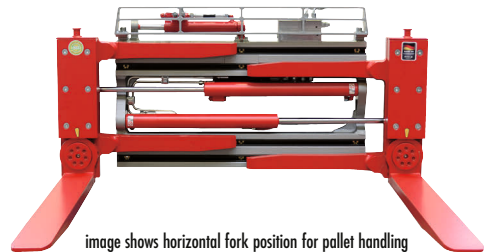
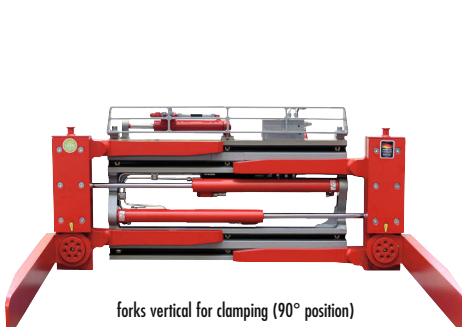
The clamp with turnable forks DGK allows for flexible use of forklift trucks. The fork on this attachment can be converted manually from pallet to clamp position. Loads standing close together can be clamped easily. Pallets can also be handled simply with forks in the normal position. The attachment is not recommended for heavy duty clamp jobs and clamping with forks in the pallet position is not allowed.



type	capacity on forks kg LC mm	capacity as clamp kg LC mm	lift truck to LC mm	ISO	B mm	opening range A1 ITI mm	opening range A2 ITI mm	forks b x h x L mm	sideshift mm	R mm	V LLC mm	ESP COG mm	weight kg
DGK 20-S	2000/500	1200/500	1,5- 2,0/500	II	1050 1150	130-1210 315-1675	405-1485 590-1950	125x45x1200	+/- 100	105	153	239 229	510 525
DGK 25-S	2500/600	1750/500	2,0- 2,5/600	II	1050 1150	130-1210 315-1675	405-1485 590-1950	125x45x1200				235 225	515 530
DGK 30-S	3000/500	2000/500	3,0/500	III	1050 1150 1350	115-1195 300-1660 300-1860	395-1475 580-1940 580-2140	140x50x1200				252 247 236	545 560 575

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- sideshift rollers as standard
- with protection strip as standard (height 150 mm above top edge of unit)
- load backrest type LS-K see page 239
- forks can be manually set to 0°/45°/90°, clamping only in 90° position
- mounting ISO A as standard, ISO B upon request
- max. fork length 1600 mm

- hydraulic fork turn upon request, one more hydraulic function required, data change, please ask
- pressure gauge with hand wheel upon request
- manual 3 stage pressure relief valve upon request



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Forklift Attachments

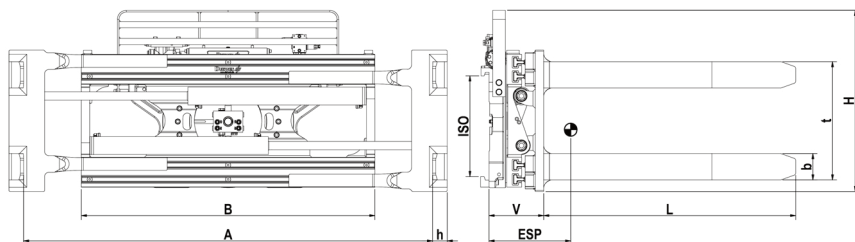
More than 75 years experience

Pallet exchanger

PWK

360° total rotation

The **pallet exchanger PWK** is used for clamping loads and rotating them through 180°, allowing the load to be placed on an alternative pallet. Total rotation is 360°. The rotator uses a worm gear system protected against the ingress of dirt and will give a long service life.

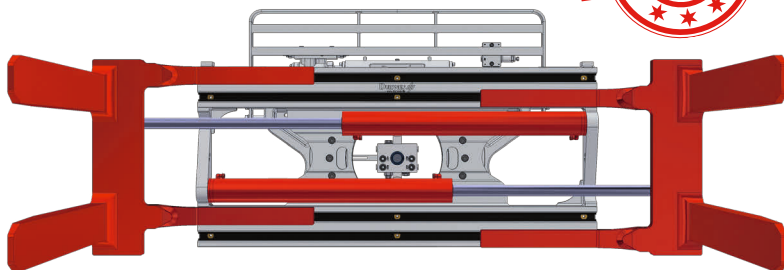


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	opening range A ITI mm	t mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
PWK 15	1500/500	1,0-2,0/500	II	980	450-1680	560	100x50x1200	260	290	675
PWK 25	2000/500	2,0-2,5/600	II	980 1150	540-1650 560-1900		125x50x1200	262	297 288	800 825
PWK 30	2500/500	3,0/500	III	1150 1350	560-1900 560-2100		125x50x1200	262	284 279	830 850
PWK 35	3000/500	3,0/600- 3,5/500	III	1350 1450	560-2100 560-2200		150x50x1200	262	301 299	930 945
PWK 45	3500/500	3,5/600- 5,0/500	III	1350 1550	560-2100 560-2300		150x60x1200	294	299 297	1230 1280

- 2 hydraulic functions required (3 hydraulic functions with constant sideshift)
- includes hoses and couplings
- welded forks as standard

- standard with protection strip type SB-DG (does not rotate, height = H, for exact type see page 238)
- pressure gauge with hand wheel upon request

- constant sideshift see page 240
- side arm upon request



DURWEN 
Forklift Attachments

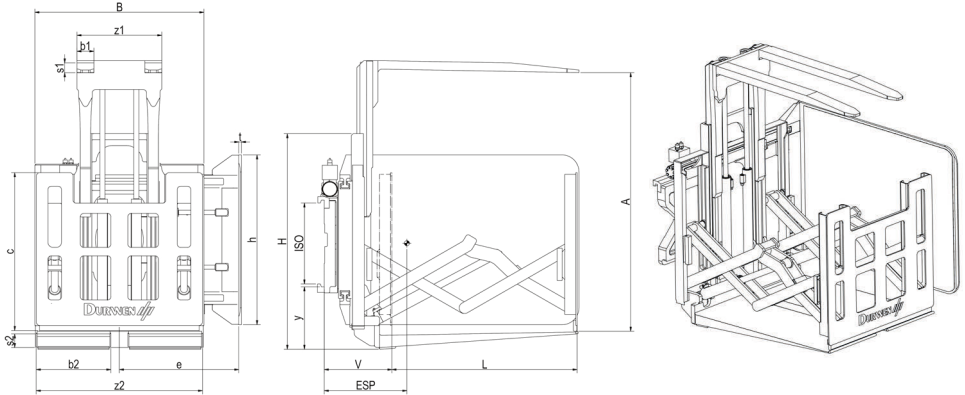
More than 75 years experience

Pallet exchanger

**PWK
30-AB-ST-H**

rotation, clamping, push-off function, side arm

The pallet exchanger PWK 30 with hydraulic side arm and pusher is used for clamping loads and rotating them through 180°, allowing to load the goods without the pallet. Total rotation is 360°. The rotator uses a worm gear system protected against the ingress of dirt and will give a long service life. The hydraulic side arm provides additional stability to the clamped loads. The pusher pushes the loads off the attachment for palletless loading. The pallet can be removed manually. The unit is suitable for loading bagged or boxed goods. Stainless contact surfaces for the load avoid stain marks on the goods.



type	capacity clamp kg/mm LC	capacity side arm kg/mm LC	forklift capacity to	ISO	A opening range mm ITI	B frame width mm	H frame height mm	L useable length mm	c pusher height mm	b1 fork width mm	s1 fork thickness mm	z1 fork set spread mm	COG retracted mm	LLC mm	weight kg
PWK 30-AB-ST-H	1400/600	800/600	3,0	III	800-1520	1000	1320	1100	935	100	50	500	473	400	1375

- 2 hydraulic functions required
- 2 electric functions required
- includes pressure relief valve, hoses and couplings
- includes solenoid valves



DURWEN 
Forklift Attachments

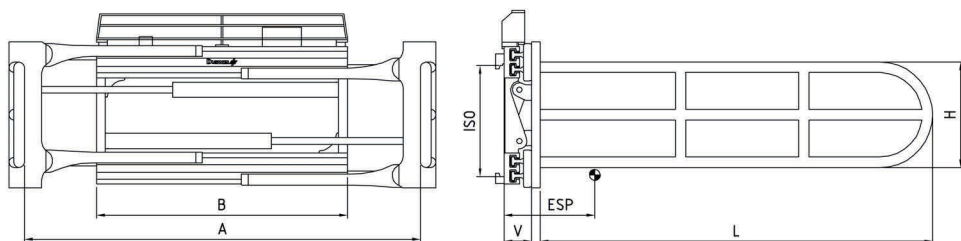
More than 75 years experience

Foam clamp

USK

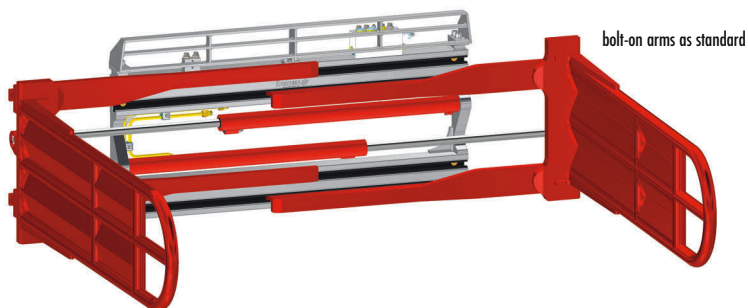
integral sideshift

The **foam clamp USK** is ideal for foam block handling. The tubular arm construction allows for safe and careful handling. The arms are bolted to the double T profile carriers.



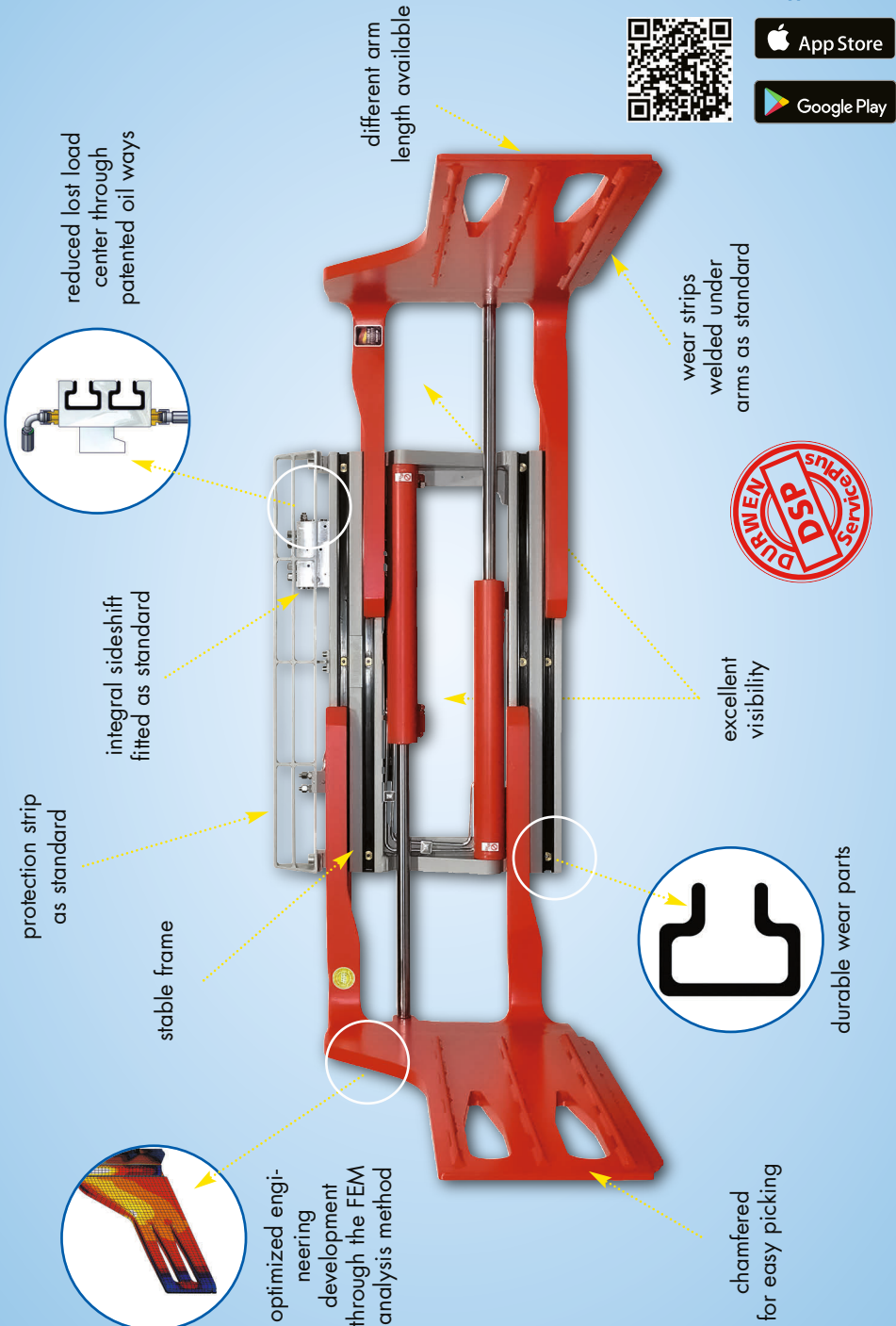
type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A ITI mm	height H mm	length L mm	V LLC mm	ESP COG mm	weight kg
USK 20	800/1000	1,0-2,0/500	II	1050	600-1900	450	1600	126	320	470
				1050	600-1900		1800		370	480
				1150	750-2250		1600		310	485
				1150	750-2250		1800		360	505
				1350	850-2480		1600		300	520
				1350	850-2480		1800		350	540
				1550	600-2400		1600		290	555
				1550	600-2400		1800		340	570
				1650	600-2500		1600		280	575
				1650	600-2500		1800		330	590

- 2 hydraulic functions required
- includes hoses and couplings
- load backrest type LS-K see page 239
- bolt-on arms as standard
- different arm length upon request
- constant sideshift upon request



Bale clamp type PBK

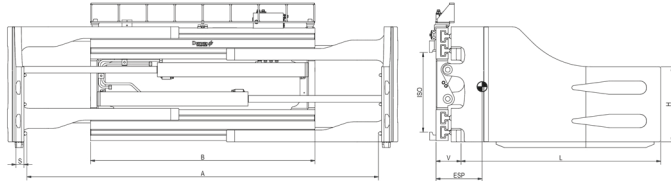
Durwen app



Bale clamp

integral sideshift

The **bale clamp PBK** is made with double T steel profiles. This type of profile supports excellent visibility through the clamp and allows for a reduced lost load centre. The smooth and flush arms allow for dense stacking of bales. An integral sideshift is fitted as standard.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	opening range A ITI mm	height H mm	length L mm	S (max)* mm	V LLC mm	ESP COG mm	weight kg
PBK 20	1650/500	1,5-2,0/500	II	980	530-1710	350	800	30 (92)	128	198	435
				980	520-1700		1000			233	470
				1050	570-1770		800			194	445
				1050	560-1760		1000			229	480
PBK 25	2300/500	2,0-2,5/600	II	980	520-1700	350	1000	30 (92)	138	233	488
				980	510-1690		1200			283	523
				1050	560-1760		1000			229	500
				1050	550-1750		1200			283	535
				1150	560-1860		1000			222	520
				1150	550-1850		1200			277	555
PBK 30	2700/500	3,0/500	III	980	530-1710	400	1000	30 (93)	138	238	575
				980	520-1700		1200			308	640
				1050	570-1770		1000			234	585
				1050	560-1760		1200			304	650
				1150	570-1870		1000			227	605
				1150	560-1860		1200			297	670
				1350	610-2260		1000			210	655
				1350	600-2250		1200			280	720
PBK 35	3000/500	3,0/600- 3,5/500	III	1150	570-1870	450	1000	40 (110)	141	230	805
				1150	560-1860		1200			300	850
				1350	610-2260		1000			225	860
				1350	600-2250		1200			295	895
PBK 40	3200/600	3,5/600- 4,0/500	III	1150	560-1860	450	1200	40 (110)	151	290	910
				1150	550-1850		1400			360	990
				1350	600-2250		1200			285	930
				1350	590-2240		1400			355	1010
PBK 45	3600/600	4,0/600- 5,0/500	III	1350	520-2120	450	1200	40 (128)	151	290	950
				1350	500-2100		1600			409	1085
				1550	600-2450		1200			285	980
				1550	580-2430		1600			404	1115
				1750	500-2500		1600			400	1180
PBK 48	4200/600	5,0/600	III	1350	540-2120	450	1200	40 (128)	161	280	980
				1350	520-2100		1600			400	1110
				1550	620-2470		1200			275	1010
				1550	600-2450		1600			395	1140

- 2 hydraulic functions required
- includes hoses and couplings
- wear strips welded under arms as standard
- with protection strip as standard
- load backrest type LS-K see page 239
- cylinder protection (ISO II/III) upon request
- wear strips under frame upon request (ISO II/III)
- constant sideshift upon request

PBK 20 up to 1300 mm long arms
 PBK 25 up to 1300 mm long arms
 PBK 30 up to 1700 mm long arms
 PBK 35 up to 1800 mm long arms
 PBK 40, 45, 48 up to 1700 mm long arms
 longer arms upon request

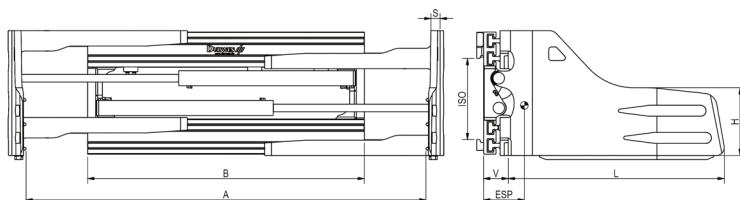
* ca., including rebar and pre-tension

Bale clamp

PBK
ISO IV/Pin

integral sideshift

The **bale clamp PBK** is made with double T steel profiles. This type of profile supports excellent visibility through the clamp and allows for a reduced lost load centre. The smooth and flush arms allow for dense stacking of bales. An integral sideshift is fitted as standard.

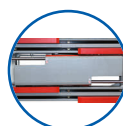
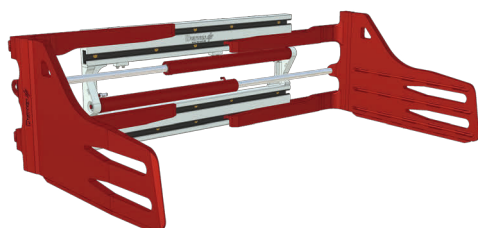


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	opening range A ITI mm	height H mm	length L mm	S (max)* mm	V LLC mm	COG mm	weight kg
PBK 50	4200/600	5,0/600	IV	1450	770-2420	460	1200	40 (118)	141	275	1140
				1450	760-2410		1400	40 (123)	141	335	1210
				1450	750-2400		1600	45 (128)	151	395	1280
				1550	540-2210		1400	40 (123)	141	320	1240
				1550	530-2200		1600	45 (128)	151	390	1310
				1650	580-2390		1400	40 (123)	141	315	1270
				1650	570-2380		1600	45 (128)	151	385	1340
PBK 60	4000/800	6,0/600	IV	1650	710-2510	460	1400	45 (116)	164	295	1430
				1650	700-2500		1600		174	365	1490
				1850	560-2460		1400		164	285	1480
				1850	550-2450		1600		174	355	1540
PBK 80	5000/800	7,0-8,0/600	IV	1650	710-2510	500	1400	50 (133)	178	295	1705
				1650	700-2500		1600			365	1790
				1850	560-2460		1400			285	1810
				1850	550-2450		1600			355	1895
				2100	700-3100		1600			345	1970
PBK 100	6500/800	8,0/900- 10,0/600	IV	2000	740-2910	500	1400	60 (137)	188	280	2050
				2000	730-2900		1600			350	2150
				2400	640-3110		1400			270	2250
				2400	630-3100		1600			330	2350
PBK 110	8000/800	8,0/1100- 12,0/600	IV	2400	710-3010 700-3000	500	1400 1600	60 (137)	249	280 340	2650 2720
PBK 140	10000/800	14,0/600	Pin	3200	870-4100 860-4090	550	1400 1600	70 (147)	310	325 380	4450 4570

- 2 hydraulic functions required
- includes hoses and couplings
- wear strips welded under arms as standard
- load backrest type LS-K see page 239
- cylinder protection upon request (ISO IV)

- wear strips under frame (ISO IV) upon request
- constant sideshift upon request
- ISO IV and higher: arms longer than 1700 mm upon request only

* ca., including rebar and pre-tension



option:
cylinder protection

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Forklift Attachments

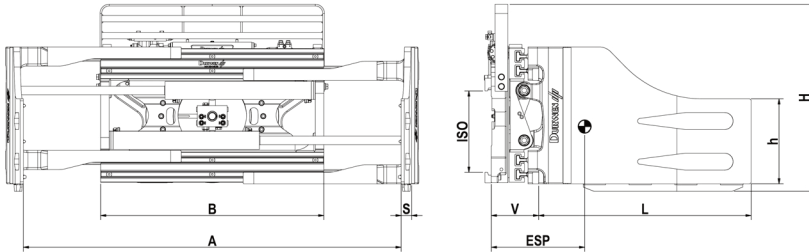
More than 75 years experience

Revolving bale clamp

DPBK

360° rotation

The revolving bale clamp **DPBK** is made with double T profile guides. This type of profile supports excellent visibility through the clamp. The smooth and flush arms allow for dense stacking of bales. Due to the combined 360° direct drive rotator it can also turn clamped bales e.g. for feeding production lines

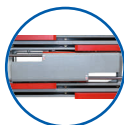
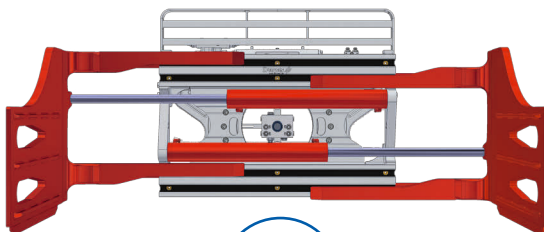


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	opening range A ITI mm	height h mm	length L mm	S (max)* mm	V LLC mm	ESP COG mm	weight kg
DPBK 20	1500/500	1,5-2,0/500	II	1050	520-1770	350	1000	30 (92)	220	240	660
DPBK 25	2000/500	2,0-2,5/600	II	1050 1150	560-1760 600-1950	400	1000	30 (92)	233	250 245	810 830
DPBK 30	2200/500	3,0/500	III	1150	570-1870	400	1000	35 (98)	233	225	845
				1150	560-1860		1200			295	910
				1350	530-2130		1000			210	885
				1350	520-2120		1200			280	950
DPBK 35	2500/500	3,0/600- 3,5/500	III	1150 1350	560-1860 520-2120	450	1200	40 (110)	233	310 305	945 960
DPBK 40	2900/500	3,5/600- 4,0/500	III	1350	600-2250	450	1200	40 (110)	263	300	1295
DPBK 45	3500/500	4,0-5,0/600	III	1350	520-2120	450	1200	40 (116)	263	295	1300
DPBK 50	3500/600	5,0/600	IV	1350	590-2100	460	1200	40 (116)	265	285	1510
DPBK 60	4200/600	6,0/600	IV	1350	590-2100	460	1200	40 (116)	268	280	1660
DPBK 80	4000/800	7,0-8,0/600	IV	1550	550-2150	500	1600	50 (133)	281	320	2050
DPBK 100	5000/800	8,0/900	IV	1650	700-2500	500	1600	50 (137)	285	310	2270

- 2 hydraulic functions required
(3 hydraulic functions with constant sideshift)
- includes hoses and couplings
- wear strips welded under arms as standard
- standard with protection strip type SB-DG
(does not rotate, height = H, for exact type see page 238)

- cylinder protection ISO II/III, ISO IV upon request
- wear strips under frame ISO II/III, ISO IV upon request
- constant sideshift see page 240
- other arm lengths upon request

* ca., including rebar and pre-tension



option: cylinder protection



DURWEN
Forklift Attachments

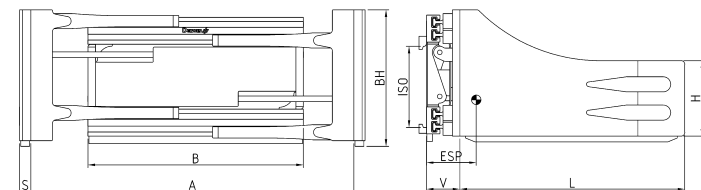
More than 75 years experience

Container bale clamp

PBK-CR

container version, integral sideshift

The bale clamp PBK-CR features a cleared frame top and wear protections under frame and under arms. The hydraulic cylinders are covered by a cylinder protection as standard. It is ideal for loading and unloading containers. Frame and arms are wear protected.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	opening range A IT1 mm	height h mm	length L mm	S (max)* mm	V LLC mm	ESP COG mm	weight kg
PBK 30-CR	3,0	II/III	2700/500	530-1710	980	400	1000	30 (93)	168	228	620
				520-1700	980		1200	35 (98)		298	685
				570-1770	1050		1000	30 (93)		224	630
				560-1760	1050		1200	35 (98)		294	695
				570-1870	1150		1000	30 (93)		217	650
				560-1860	1150		1200	35 (98)		287	715
				610-2260	1350		1000	30 (93)		200	700
				600-2250	1350		1200	35 (98)		270	765
PBK 35-CR	3,5	III	3000/500	570-1870	1150	450	1000	40 (110)	171	220	855
				560-1860	1150		1200		181	290	930
				610-2260	1350		1000		171	215	910
				600-2250	1350		1200		181	285	985
PBK 40-CR	4,0	III	3200/600	600-2250	1350	450	1200	40 (110)	181	274	995
				590-2240	1350		1400			344	1065
				600-2350	1450		1200			269	1020
				590-2340	1450		1400			339	1090
PBK 45-CR	4,5-5,0	III	3600/600	520-2120	1350	450	1200	40 (116)	181	280	1000
				500-2100	1350		1600			399	1135
				520-2320	1550		1200			275	1055
				500-2300	1550		1600			394	1190
PBK 48-CR	5,0/600	III	4200/600	540-2120	1350	450	1200	40 (125)	191	270	1030
				520-2100	1350		1600			390	1160
				540-2320	1550		1200			265	1100
				520-2300	1550		1600			385	1230

- 2 hydraulic functions required
- includes hoses and couplings
- wear strips welded under arms and frame as standard
- cylinder protection as standard
- other arm lengths upon request

* ca., including rebar and pre-tension



DURWEN
Forklift Attachments

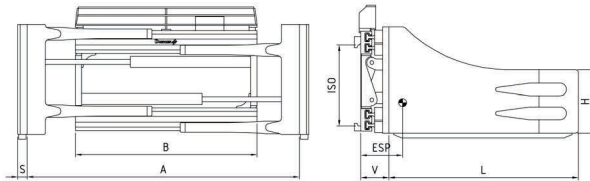
More than 75 years experience

Pulp clamp

PZK
ISO II/III

integral sideshift

The **pulp clamp PZK** is made with double T steel profiles. This type of profile supports excellent visibility through the clamp and allows for a reduced lost load centre. The smooth arms are low marking coated as standard. The clamp suits the needs for proper pulp handling.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	height H mm	length L mm	S (max) mm	V LLC mm	ESP COG mm	weight kg
PZK 20	1650/500	1,5-2,0/500	II	980	530-1710	350	800	30 (92)	128	198	435
				980	520-1700		1000			233	470
				1050	570-1770		800			194	445
				1050	560-1760		1000			229	480
PZK 25	2300/500	2,0-2,5/600	II	980	520-1700	350	1000	30 (92)	138	233	488
				980	510-1690		1200			283	523
				1050	560-1760		1000			229	500
				1050	550-1750		1200			283	535
				1150	560-1860		1000			222	520
				1150	550-1850		1200			277	555
PZK 30	2700/500	3,0/500	III	980	530-1710	400	1000	30 (93)	138	238	575
				980	520-1700		1200	35 (98)		308	640
				1050	570-1770		1000	30 (93)		234	585
				1050	560-1760		1200	35 (98)		304	650
				1150	570-1870		1000	30 (93)		227	605
				1150	560-1860		1200	35 (98)		297	670
				1350	610-2260		1000	30 (93)		210	655
				1350	600-2250		1200	35 (98)		280	720
PZK 35	3000/500	3,0/600- 3,5/500	III	1150	570-1870	450	1000	40 (110)	141	230	805
				1150	560-1860		1200			300	850
				1350	610-2260		1000			225	860
				1350	600-2250		1200			295	895
PZK 40	3200/600	3,5/600- 4,0/500	III	1150	560-1860	450	1200	40 (110)	141	290	910
				1150	550-1850		1400		151	360	990
				1350	600-2250		1200		141	285	930
				1350	590-2240		1400		151	355	1010
PZK 45	3600/600	4,0/600- 5,0/500	III	1350	520-2120	450	1200	40 (116)	151	290	950
				1350	500-2100		1600			409	1085
				1550	600-2450		1200			258	980
				1550	580-2430		1600			404	1115
PZK 48	4200/600	5,0/600	III	1350	540-2120	450	1200	40 (125)	161	280	980
				1350	520-2100		1600			400	1110
				1550	620-2470		1550			275	1010
				1550	600-2450		1550			395	1140

- 2 hydraulic functions required
- includes hoses and couplings
- wear strips welded under arms as standard
- with protection strip as standard
- load backrest type LS-K see page 239

- cylinder protection (ISO II/III) upon request
 - wear strips under frame upon request (ISO II/III)
 - constant sideshift upon request
- PZK 20 up to 1300 mm long arms
PZK 25 up to 1300 mm long arms

PZK 30 up to 1700 mm long arms
PZK 35 up to 1800 mm long arms
PZK 40, 45, 48 up to 1700 mm long arms

- longer arms upon request

* ca., including rebar and pre-tension

DURWEN
Forklift Attachments

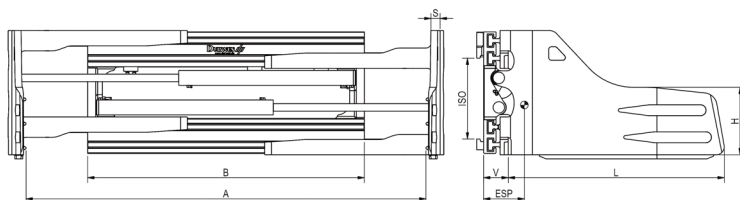
More than 75 years experience

Pulp clamp

PZK
ISO IV/Pin

integral sideshift

The **pulp clamp PZK** is made with double T steel profiles. This type of profile supports excellent visibility through the clamp and allows for a reduced lost load centre. The smooth arms are low marking coated as standard. The clamp suits the needs for proper pulp handling.

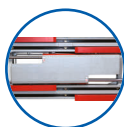


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A ITI mm	height H mm	length L mm	S (max)* mm	V LLC mm	ESP COG mm	weight kg
PZK 50	4200/600	5,0/600	IV	1450	770-2420	460	1200	40 (118)	141	275	1140
				1450	760-2410		1400	40 (123)	141	335	1210
				1450	750-2400		1600	45 (128)	151	395	1280
				1550	540-2210		1400	40 (123)	141	320	1240
				1550	530-2200		1600	45 (128)	151	390	1310
				1650	580-2390		1400	40 (123)	141	315	1270
				1650	570-2380		1600	45 (128)	151	385	1340
PZK 60	4000/800	6,0/600	IV	1650	710-2510	460	1400	45 (116)	164	295	1430
				1650	700-2500		1600		174	365	1490
				1850	560-2460		1400		164	285	1480
				1850	550-2450		1600		174	355	1540
PZK 80	5000/800	7,0-8,0/600	IV	1650	710-2510	500	1400	50 (133)	178	295	1705
				1650	700-2500		1600			365	1790
				1850	560-2460		1400			285	1810
				1850	550-2450		1600			355	1895
				2100	700-3100		1600			345	1970
PZK 100	6500/800	8,0/900- 10,0/600	IV	2000	740-2910	500	1400	60 (137)	188	280	2050
				2000	730-2900		1600			350	2150
				2400	640-3110		1400			270	2250
				2400	630-3100		1600			330	2350
PZK 110	8000/800	8,0/1100- 12,0/600	IV	2400	710-3010 700-3000	500	1400 1600	60 (137)	249	280 340	2650 2790
PZK 140	10000/800	14,0/600	Pin	3200	870-4100 860-4090	550	1400 1600	70 (147)	310	325 380	4450 4570

- 2 hydraulic functions required
- includes hoses and couplings
- wear strips welded under arms as standard
- load backrest type LS-K see page 239

- cylinder protection upon request (ISO IV)
- wear strips under frame upon request (ISO IV)
- constant sideshift upon request
- arms longer than 1700 mm upon request only

* ca., including rebar and pre-tension



option:
cylinder protection

DURWEN
Forklift Attachments

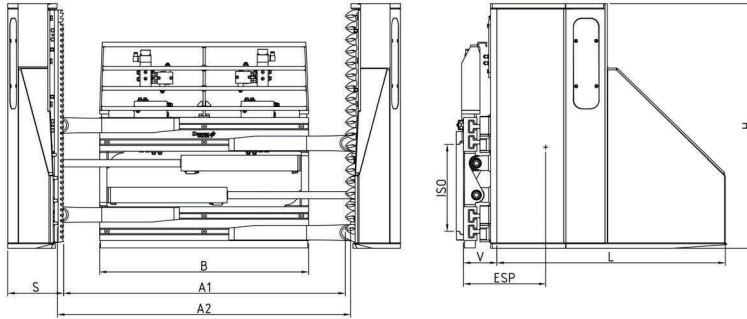
More than 75 years experience

Dewiring clamp

SPBK

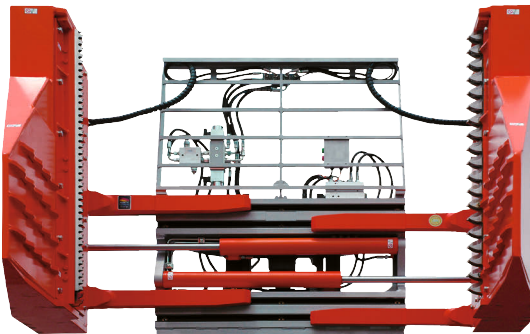
integral sideshift

The dewiring clamp SPBK is profile-guided and offers a stable design at compact dimensions. The unit is used for palletless handling of waste paper, cloth, cellulose and recycling bales. The dewiring clamp features integral sideshift and wear zones below the arms as standard. Additionally, the wire of the bales can be cut by the SPBK. After opening of the gripper unit, the bale material drops into the suitable container while the wire scraps stay inside the gripper unit for proper disposal.



type	capacity kg/mm LC	lift truck to LC mm	ISO	B mm	opening range blade/gripper A1 ITI mm	opening range arms A2 ITI mm	height H mm	length L mm	S mm	V LLC mm	ESP COG mm	weight kg
SPBK 25	1200/650	1,5-2,5/600	II	1050	440-1450	504-1514	1345	1300	307	166	460	1530
SPBK 35	2000/650	3,0-3,5/600	III	1150	440-1550	504-1614				183	453	1790
SPBK 48	2500/650	4,0-5,0/600	III	1550	440-1900	504-1964				198	420	1860
SPBK 50	3000/650	5,0/600	IV	1550	440-1900	504-1964				198	410	1890
SPBK 60	2100/1000	5,0-6,0/600	IV	1550	340-1550	404-1614				201	250	2550

- 2 hydraulic and 2 electric functions required
 - includes hoses and couplings
 - arms welded
 - inside of arms equipped with 4 shark teeth profiles each
 - with pressure relief valve on the clamp function as standard
 - load backrest with integrated hose guide as standard:
- SPBK 25: height 1190 mm above ground, SPBK 35-48: height 1182 mm above ground, SPBK 50-60: height 1345 mm above ground
- wear strips welded under arms as standard
 - wear strips below frame as standard
 - includes 8/3 solenoid valve
 - inside of right arm with blade (in driving direction right)
 - inside of left arm with wire gripper (in driving direction left)



DURWEN 
Forklift Attachments

More than 75 years experience

Impressions of Durwen clamps



Appliance clamp type UKK-PE

Durwen app



durable rubber coating
due to edge protections

weight
optimised
arms

excellent visibility

adjustable relief valve
with pressure gauge

low wear profiles

protection strip
as standard



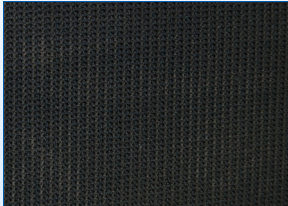
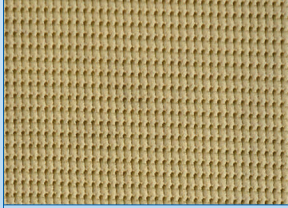
high friction
supergrip
rubber coating
as standard

bolt-on plates

Clamps for boxed goods

surface coatings

UKK

	supergrip black standard on Durwen clamps approx. 65 shore	• multi-purpose rubber • friction ●●●●○ • wear resistance ●●●●○ standard
	grooved rubber black approx. 65 shore	• multi-purpose rubber • friction ●●●●● • wear resistance ●●●●○ upon request
	supergrip beige approx. 45 shore	• non-marking • friction ●●●●● • wear resistance ●●○●○ upon request
	rhombic rubber black approx. 65 shore	• good durability • friction ●●○●○ • wear resistance ●●●●● upon request

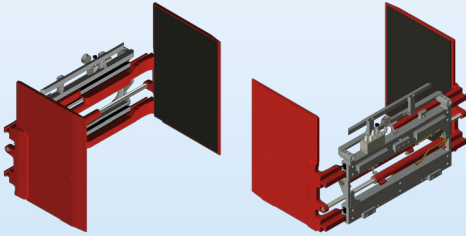
other surface coatings upon request

Clamps for boxed goods

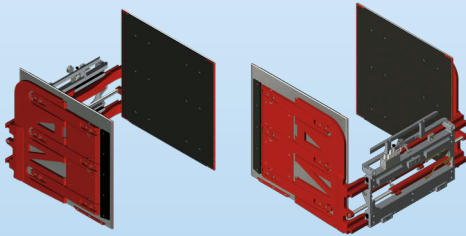
UKK

The carton and appliance clamps range UKK are designed for handling home appliances and boxed goods. The arms provide a perfect force distribution onto the goods due to the large rubber faced contact plates. Thin arms and slim arm tip ends are ideal for picking and dense stacking. Besides a large clamp range Durwen also offers test systems from simple cylinders to electronic force measuring stations featuring printer and USB access for your regular checks. Please send us your request. Our carton and appliance clamps can also handle products apart from the regular use which is electrical domestic appliances. Please get in touch with us to discuss your individual needs.

Carton clamp UKKS



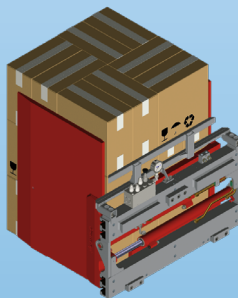
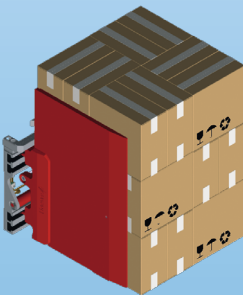
The UKKS type is a carton clamp with rigid arms. The clamping arms consist of slim contact plates which are coated with rubber. The compact design allows for narrow standing goods to be clamped.

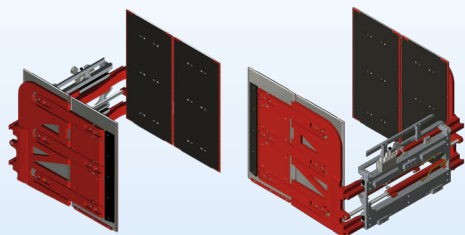


Appliance clamp UKK-PE

The PE type are appliance clamps with single articulating arms. The contact plate is movably mounted. This design principle offers considerable advantages with regard to the distribution of the clamp force over the entire contact surface. The plate articulation distributes the force from front to rear. This prevents local overloading of the goods while still ensuring secure gripping. This clamp is ideal for electrical appliances to be handled. In addition, this class offers a multitude of options. The device can be adapted to a wide variety of applications.

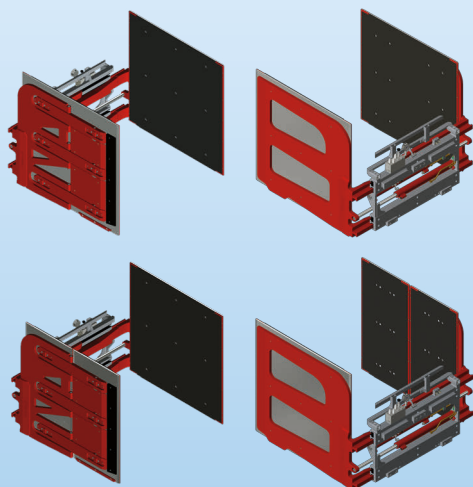
The clamping arms themselves can be optimally adjusted to the transported goods. If different goods require different clamping forces, the UKK-PE can be easily extended with different pressure selection valves as an option.





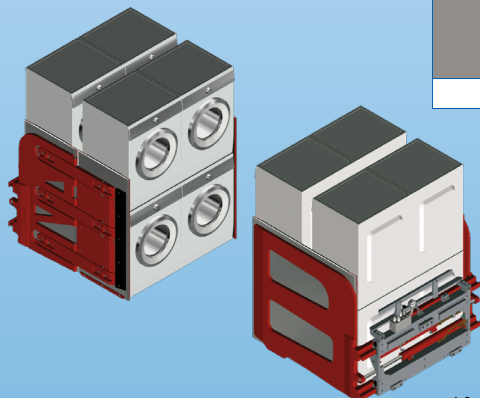
Appliance clamp UKK-PD

The PD type is an appliance clamp with double articulating arms. The gripping surface is additionally separated in the middle, resulting in a front and a rear partial surface. Each of these sections can also move around the vertical axis. The force is optimally distributed to the individual rows and evenly applied to the row itself. The clamp arm offers the best possible adaptation to the transported goods and thus helps to reduce the loads on the goods and to eliminate damage to the packaging as much as possible.



Appliance clamps UKK-PSE / UKK-PSD

The PSE and PSD types are a combination of rigid and articulating arms. This combines the advantages of a rigid arm with aluminium plate and the advantages of a pendulum arm. These units cannot achieve the even force distribution of a UKK-PE but run more easily into densely stacked goods.

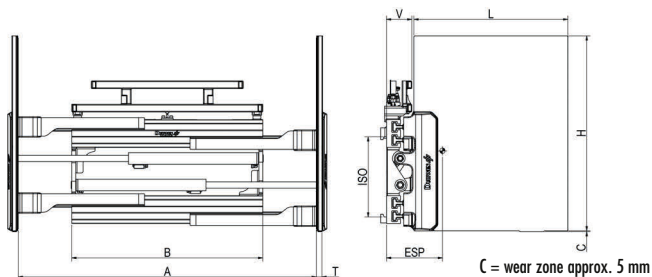


Carton clamp, rigid arms

UKKS

integral sideshift

The **carton clamp UKKS** with rigid arms is designed for the loading/unloading of well packed goods without pallets. The slim arm design allows for easy picking of densely standing goods.

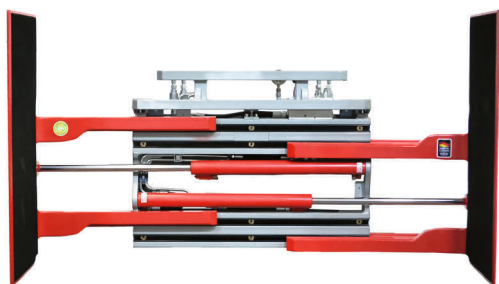


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A ITI mm	arm length* L mm	arm height H mm	arm thickness T mm	V LLC mm	ESP COG mm	weight kg
UKKS 10	700/500	1,0-1,5/500	II	880	400-1430 400-1430	700 800	1000	28	130	260 270	450 470
				980	400-1520 400-1520 500-1720 500-1720	700 800 700 800				265 275 260 280	470 490 475 495
980	340-1400 340-1400 400-1520 400-1520 500-1720 500-1720	700 800 700 800 700 800		275 285 270 280 270 280	470 480 475 485 480 490						
1050	400-1590 400-1590 500-1790 500-1790	700 800 700 800		260 270 265 275	490 500 495 505						
1150	400-1690 400-1690 500-1890 500-1890	700 800 700 800		260 270 255 265	510 520 515 525						

- 2 hydraulic functions required
- includes hoses and couplings
- pressure gauge as standard
- with protection strip as standard

- supergrip black as standard surface
- other surfaces see page 59
- for ISO type B mounting upon request
- clamp force options see page 241

* Arm length equals the usable length from the arm tip to the load contact on the clamp body



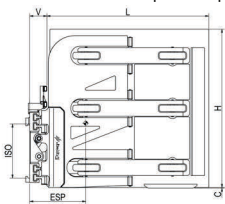
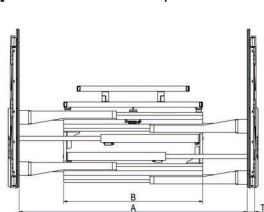
Appliance clamp

UKK-PE
UKK-PD

articulating arms, integral sideshift

The appliance clamp UKK-PE/PD with articulating arms is designed for the transport of packaged goods without pallets such as domestic appliances. **Type UKK-PE** is equipped with single articulation on both arms.

Type UKK-PD has triple articulation on both arms for optimum pressure distribution with split contact plates.



C = wear zone
approx. 5 mm

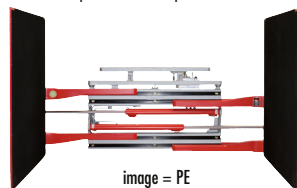


image = PE

PE = both arms with single articulation

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A ITI mm	arm length* L mm	arm height H mm	arm thickness T mm	V LLC mm	ESP COG mm	weight kg
UKK 15-PE	1000/600	1,5-1,8/500	II	880	360-1400	1220	1200	60	130	450	715
				1050	430-1720	1220				445	735
				1150	430-1820	1220				440	750
				1150	430-1820	1380				465	810
				1250	430-1920	1220				435	765
UKK 25-PE	1300/600	2,0-2,5/600	II	1050	430-1720	1220	1200	60	130	440	745
				1150	430-1820	1220				435	760
				1150	430-1820	1380				460	820
				1350	430-2020	1220				430	790
				1350	430-2020	1380				455	850
UKK 28-PE	1600/600	2,5-3,0/600	II/III	1550	430-2220	1380	1200	65	140	445	880
				1350	430-2020	1220				450	925
				1350	560-2210	1220				450	930
				1450	430-2120	1220				440	940
				1450	560-2310	1220				440	945
				1450	430-2120	1380				460	995
				1450	560-2310	1380				460	1000
				1550	430-2220	1380				455	1010
				1550	560-2410	1380				455	1015
UKK 25-PD	1300/600	2,0-2,5/600	II	1750	430-2420	1380	1200	60	130	450	1040
				1750	560-2610	1380				450	1045

PD = both arms with triple articulation

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A ITI mm	arm length* L mm	arm height H mm	arm thickness T mm	V LLC mm	ESP COG mm	weight kg
UKK 15-PD	1000/600	1,5-1,8/500	II	1050	430-1720	1220	1200	60	130	445	735
				1150	430-1820	1220				440	750
				1150	430-1820	1380				465	810
				1250	430-1920	1220				435	765
UKK 25-PD	1300/600	2,0-2,5/600	II	1050	430-1720	1220	1200	60	130	440	745
				1150	430-1820	1220				435	760
				1150	430-1820	1380				460	820
				1350	430-2020	1220				430	790
				1350	430-2020	1380				455	850
UKK 28-PD	1600/600	2,5-3,0/600	II/III	1550	430-2220	1380	1200	65	140	445	880
				1550	560-2410	1380				455	1015

- 2 hydraulic functions required
- includes hoses and couplings
- pressure gauge as standard
- with pressure relief valve on the clamp function as standard
- with protection strip as standard
- supergrip black as standard surface

- other surfaces see page 59
- clamp force options see page 241
- other arm dimensions upon request
- constant sideshift upon request
- for ISO type B mounting upon request

* Arm length equals the usable length from the arm tip to the load contact on the clamp body, contact plate length - 20 mm

DURWEN
Forklift Attachments

More than 75 years experience

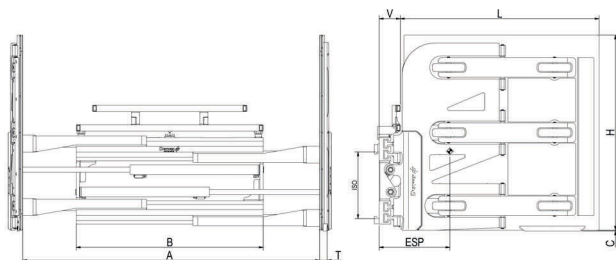
Appliance clamp

UKK-PSE
UKK-PSD

articulating arms, integral sideshift

Appliance clamp UKK-PSD has one rigid arm for accurate knifing of goods and one arm triple articulating for optimized pressure distribution. **Appliance clamp UKK-PSE** has one arm rigid and one arm with single articulation.

image shows PSE



C = wear zone approx. 5 mm

• PSE = 1 arm rigid, 1 arm single articulating

● PSE = 1 arm rigid, 1 arm single articulating											
type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A ITI mm	arm length* L mm	arm height H mm	arm thickness T mm	V LLC mm	ESP COG mm	weight kg
UKK 15-PSE	1000/600	1,5-1,8/500	II	1150	440-1820	1220	1200	60	130	450	760
				1150	440-1820	1380				475	820
UKK 25-PSE	1300/600	2,0-2,5/600		1150	440-1820	1220				445	775
				1150	440-1820	1380				470	835
				1350	440-2020	1220				440	805
			1350	440-2020	1380	465	865				

• PSD = 1 arm rigid, 1 arm triple articulating

• PSD = 1 arm rigid, 1 arm triple articulating											
type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A ITI mm	arm length* L mm	arm height H mm	arm thickness T mm	V LLC mm	ESP COG mm	weight kg
UKK 15-PSD	1000/600	1,5-1,8/500	II	1150 1150	440-1820 440-1820	1220 1380	1200	60	130	455 480	765 825
UKK 25-PSD	1300/600	2,0-2,5/600		1150	440-1820	1220				450	780
				1150	440-1820	1380				475	840
				1350	440-2020	1220				445	810

- 2 hydraulic functions required
- includes hoses and couplings
- pressure gauge as standard
- with pressure relief valve on the clamp function as standard
- with protection strip as standard
- supergrip black as standard surface
- other surfaces see page 59
- for ISO type B mounting upon request

- clamp force options see page 241
- other arm dimensions upon request
- constant sideshift upon request

* Arm length equals the usable length from the arm tip to the load contact on the clamp body, contact plate length - 20 mm

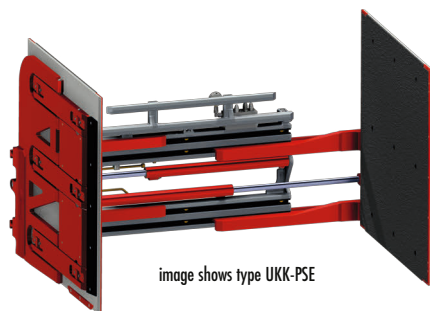
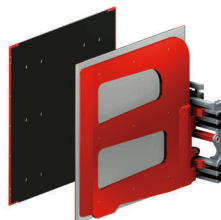


image shows type UKK-PSE



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Forklift Attachments

More than 75 years experience

This image shows a full page of blank graph paper. The grid consists of small, equal-sized squares formed by thin gray lines. There are 20 columns and 20 rows of squares, creating a total of 400 square units. The grid covers the entire area of the page, leaving no margins or other markings.

Paper roll clamp 360° type PRK

Durwen app



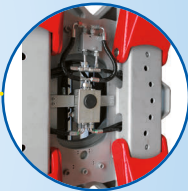
option:
long contact
plate



wear protection
as standard



available with short
arm powered or fixed



standard: no cover

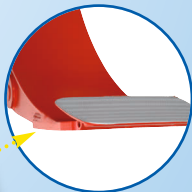
360°
direct drive



safety valve as
standard



slim arm design



long arm
split or unsplit



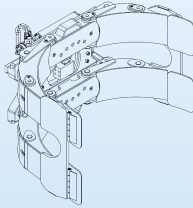
durable high
friction cast grip
as standard



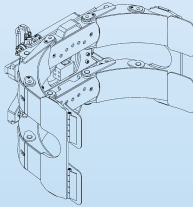
Paper roll clamps 360°

PRK 360°

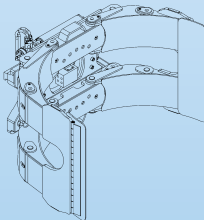
Durwen paper roll clamps feature slimline arm profile and are available in different configurations. Revolving paper roll clamps from Durwen are designed to take rolls in bilge position with regular forklift truck mast tilt of 5° forward. 0° arm design is also available, please ask. The slimline arms have multiple smooth wear protections as standard. Durwen uses the 360° direct drive rotation design for reliable and smooth rotation of reels. The Durwen standard contact plates are feature a steel grip profile. They are easy to maintain and repair. Furthermore there is a large variety of different pads and pad surfaces available. If you do not find the surface that you want please let us know. Models with powered short arm feature sequential positioning as standard. When ordering you can choose alternatively positioning at 45° rotation without add-on price. Later change involves cost. On the following pages you will find a broad overview on the standard range that is currently available. Please do not hesitate to ask us if you do not find the product you are looking for. Durwen produces also Tissue clamps, please ask. We also offer a range of test equipment upon request and can also provide different systems for clamp pressure regulation. The Durwen paper roll clamp range published here requires 160 bar pressure. Less pressure results in less clamping force.



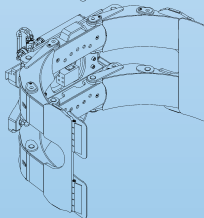
PRK TB with 4 contact plates (standard execution)
Long arm split
Powered short arm
Supports handling of 2 rolls with different diameters
Powered short arm enables handling of very small rolls



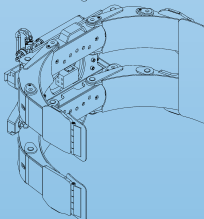
PRK B with 4 contact plates (standard execution)
Powered short arm
Handles 1 roll at a time
Powered short arm enables handling of very small rolls



PRK B with 2 long contact plates (option: one piece)
Powered short arm
Handles 1 roll at a time
Powered short arm enables handling of very small rolls
One piece contact plates can be offered upon request



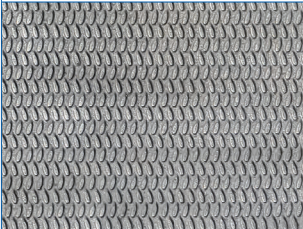
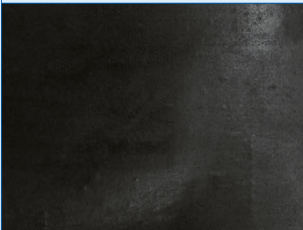
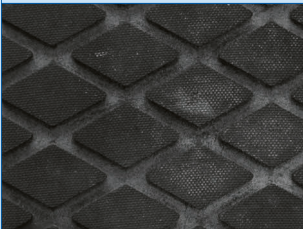
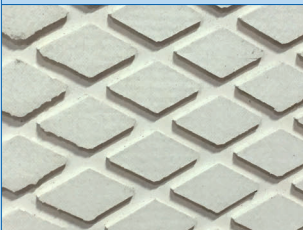
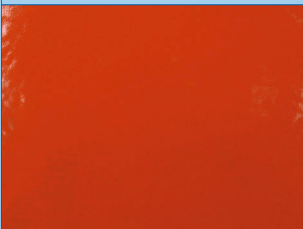
PRK B with 3 contact plates (option: one piece)
Powered short arm
Handles 1 roll at a time
Powered short arm enables handling of very small rolls
One piece contact plate can be offered upon request



PRK TB with 3 contact plates (option: one piece)
Powered short arm
Handles 2 rolls with different diameters
Powered short arm enables handling of very small rolls
One piece contact plate can be offered upon request

Paper roll clamps surfaces

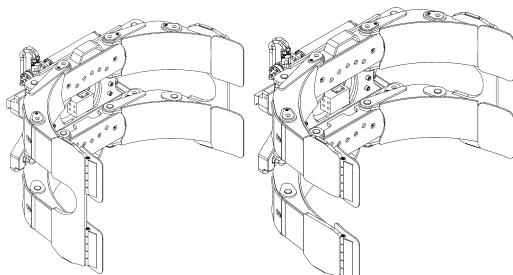
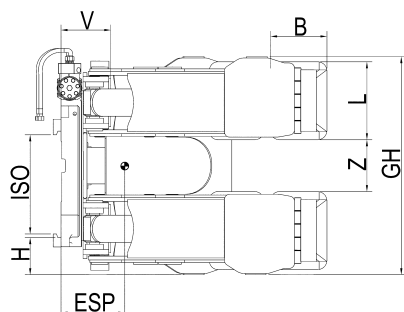
PRK

	surface	description	
	durable high friction cast grip	• suitable for most paper types • standard on PRK • wear resistance • friction 	standard
	smooth rubber, black approx. 70° shore	• hot vulcanized rubber • good universal rubber • wear resistance • friction 	upon request
	rhombic rubber, black approx. 70° shore	• hot vulcanized rubber • recommended for foil-wrapped applications • wear resistance • friction 	upon request
	rhombic rubber, white approx. 60° shore	• hot vulcanized rubber • non-staining • recommended for foil-wrapped applications • wear resistance • friction 	upon request
	smooth PU, orange approx. 85° shore	• sprayed-on polyurethane • non-staining • very robust • wear resistance • friction 	upon request

other surface coatings upon request

Paper roll clamp 360°

PRK 25
ISO II/III



long arm unsplit

long arm split

type	capacity kg LC mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	ESP COG mm	weight kg
long arm unsplit											
PRK 25 B - 11	2000/575	II/III	250 - 1150	powered	840	220x300	200	143	184	200	565
PRK 25 S - 11	2000/575		400 - 1150	fixed						200	515
PRK 25 B - 13	1800/650		250 - 1300	powered						215	580
PRK 25 S - 13	1800/650		400 - 1300	fixed						215	530
PRK 25 B - 14	1700/700		250 - 1400	powered						225	590
PRK 25 S - 14	1700/700		600 - 1400	fixed						225	540
PRK 25 B - 15	1600/760		250 - 1520	powered						235	615
PRK 25 S - 15	1600/760		600 - 1520	fixed						235	580
PRK 25 B - 16	1500/800		250 - 1600	powered						248	653
PRK 25 S - 16	1500/800	600 - 1600	fixed	248	600						
long arm split											
PRK 25 TB - 11	2000/575	II/III	250 - 1150	powered	840	220x300	200	143	184	195	560
PRK 25 TS - 11	2000/575		400 - 1150	fixed						195	510
PRK 25 TB - 13	1800/650		250 - 1300	powered						210	575
PRK 25 TS - 13	1800/650		400 - 1300	fixed						210	525
PRK 25 TB - 14	1700/700		250 - 1400	powered						220	585
PRK 25 TS - 14	1700/700		600 - 1400	fixed						220	535
PRK 25 TB - 15	1600/760		250 - 1520	powered						240	610
PRK 25 TS - 15	1600/760		600 - 1520	fixed						240	572
PRK 25 TB - 16	1500/800		250 - 1600	powered						245	648
PRK 25 TS - 16	1500/800		600 - 1600	fixed						245	595

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 68
- other surfaces upon request
- centre cover upon request

- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard, positioning at 45°, chose on order (no add-on price)
- 0° arm design upon request

- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks (ISO II), (ISO III) upon request
- force options see page 241

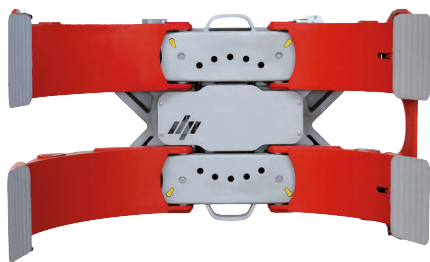


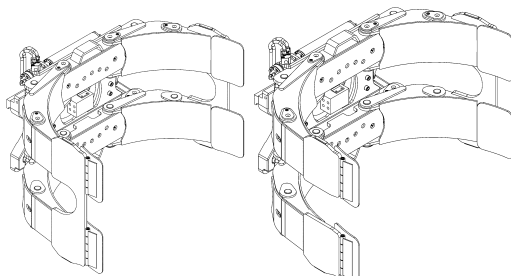
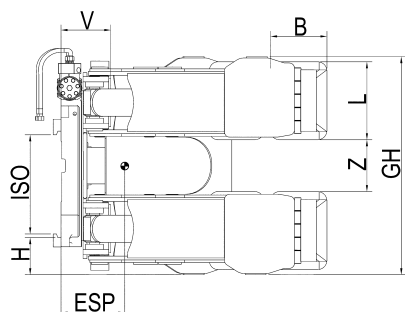
image shows unit complete with
optional centre cover

DURWEN
Forklift Attachments

More than 75 years experience

Paper roll clamp 360°

PRK 30
ISO II/III



long arm unsplit

long arm split

type	capacity kg LC mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	ESP COG mm	weight kg
long arm unsplit											
PRK 30 B - 12	2400/600	II / III	250 - 1200	powered	840	220x300	200	143	197	222	660
PRK 30 S - 12	2400/600		500 - 1200	fixed						222	655
PRK 30 B - 13	2200/650		250 - 1300	powered						225	675
PRK 30 S - 13	2200/650		500 - 1300	fixed						225	670
PRK 30 B - 14	2000/725		250 - 1450	powered						235	685
PRK 30 S - 14	2000/725		600 - 1450	fixed						235	680
PRK 30 B - 15	1900/760		250 - 1520	powered						254	700
PRK 30 S - 15	1900/760		600 - 1520	fixed						254	695
PRK 30 B - 16	1750/800		250 - 1600	powered						275	715
PRK 30 S - 16	1750/800		600 - 1600	fixed						275	710
long arm split											
PRK 30 TB - 12	2400/600	II / III	250 - 1200	powered	840	220x300	200	143	197	215	650
PRK 30 TS - 12	2400/600		500 - 1200	fixed						215	645
PRK 30 TB - 13	2200/650		250 - 1300	powered						220	665
PRK 30 TS - 13	2200/650		500 - 1300	fixed						220	660
PRK 30 TB - 14	2000/725		250 - 1450	powered						228	675
PRK 30 TS - 14	2000/725		600 - 1450	fixed						228	670
PRK 30 TB - 15	1900/760		250 - 1520	powered						248	690
PRK 30 TS - 15	1900/760		600 - 1520	fixed						248	685
PRK 30 TB - 16	1750/800		250 - 1600	powered						270	705
PRK 30 TS - 16	1750/800		600 - 1600	fixed						270	700

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 68
- other surfaces upon request
- centre cover upon request

- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard, positioning at 45°, chose on order (no add-on price)
- 0° arm design upon request

- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks (ISO II), (ISO III) upon request
- force options see page 241

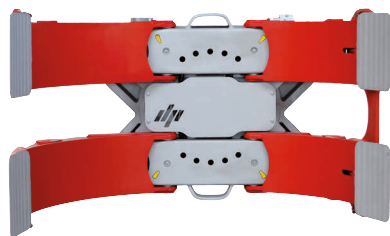


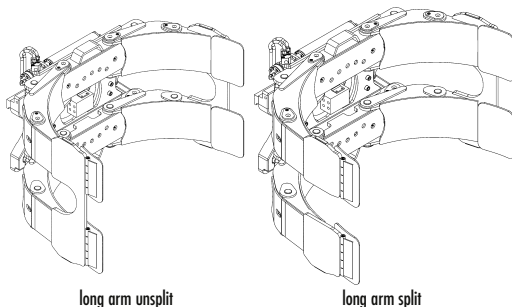
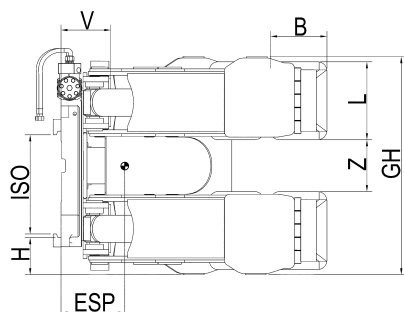
image shows unit complete with
optional centre cover

DURWEN 
Forklift Attachments

More than 75 years experience

Paper roll clamp 360°

PRK 35
ISO II/III



type	capacity kg LC mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	ESP COG mm	weight kg
long arm unsplit											
PRK 35 B - 13	2500/650	II/III	250 - 1300	powered	840	220x300	200	143	197	235	735
PRK 35 S - 13	2500/650		500 - 1300	fixed						235	730
PRK 35 B - 14	2200/725		250 - 1450	powered						248	760
PRK 35 S - 14	2200/725		500 - 1450	fixed						248	755
PRK 35 B - 15	2100/760		250 - 1520	powered						260	790
PRK 35 S - 15	2100/760		500 - 1520	fixed						260	785
PRK 35 B - 16	2000/800		250 - 1600	powered						275	815
PRK 35 S - 16	2000/800		600 - 1600	fixed						275	810
PRK 35 B - 18	1700/915		350 - 1830	powered						301	850
PRK 35 S - 18	1700/915		630 - 1830	fixed						301	845
long arm split											
PRK 35 TB - 13	2500/650	II/III	250 - 1300	powered	840	220x300	200	143	197	230	725
PRK 35 TS - 13	2500/650		500 - 1300	fixed						230	725
PRK 35 TB - 14	2200/725		250 - 1450	powered						243	750
PRK 35 TS - 14	2200/725		500 - 1450	fixed						243	745
PRK 35 TB - 15	2100/760		250 - 1520	powered						255	780
PRK 35 TS - 15	2100/760		500 - 1520	fixed						255	775
PRK 35 TB - 16	2000/800		250 - 1600	powered						270	805
PRK 35 TS - 16	2000/800		600 - 1600	fixed						270	800
PRK 35 TB - 18	1700/915		350 - 1830	powered						296	840
PRK 35 TS - 18	1700/915		630 - 1830	fixed						296	835

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 68
- other surfaces upon request
- centre cover upon request

- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard, positioning at 45°, chose on order (no add-on price)
- 0° arm design upon request

- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks (ISO II), (ISO III) upon request
- force options see page 241

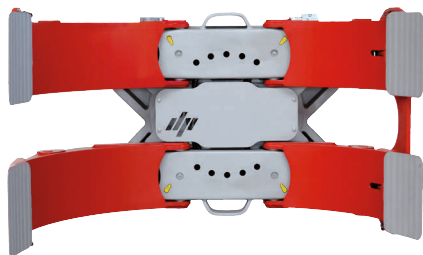


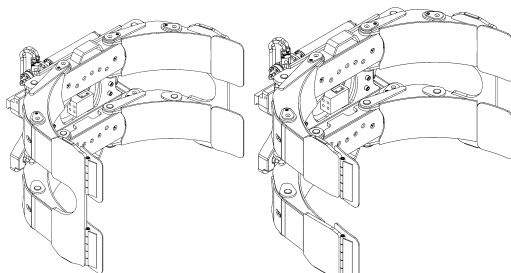
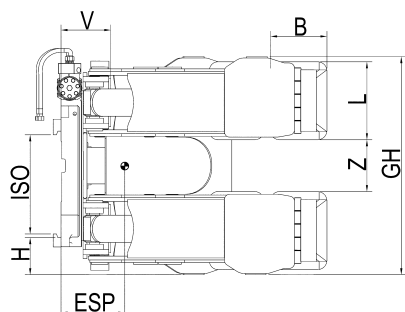
image shows unit complete with optional centre cover

DURWEN
Forklift Attachments

More than 75 years experience

Paper roll clamp 360°

PRK 40
ISO III/IV



long arm unsplit

long arm split

type	capacity kg LC mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	ESP COG mm	weight kg
long arm unsplit											
PRK 40 B - 13	3000/650	III/IV	250 - 1300	powered	1040	250x400	200	195/200	215	210	825
PRK 40 S - 13	3000/650		500 - 1300	fixed						210	820
PRK 40 B - 14	2800/725		250 - 1450	powered						225	860
PRK 40 S - 14	2800/725		500 - 1450	fixed						225	855
PRK 40 B - 15	2650/760		250 - 1520	powered						235	905
PRK 40 S - 15	2650/760		500 - 1520	fixed						235	900
PRK 40 B - 16	2500/800		250 - 1600	powered						275	930
PRK 40 S - 16	2500/800		600 - 1600	fixed						275	925
PRK 40 B - 18	2100/915		350 - 1830	powered						295	970
PRK 40 S - 18	2100/915		630 - 1830	fixed						295	965
long arm split											
PRK 40 TB - 13	3000/650	III/IV	250 - 1300	powered	1040	250x400	200	195/200	215	205	815
PRK 40 TS - 13	3000/650		500 - 1300	fixed						205	810
PRK 40 TB - 14	2800/725		250 - 1450	powered						220	850
PRK 40 TS - 14	2800/725		500 - 1450	fixed						220	845
PRK 40 TB - 15	2650/760		250 - 1520	powered						230	895
PRK 40 TS - 15	2650/760		500 - 1520	fixed						230	890
PRK 40 TB - 16	2500/800		250 - 1600	powered						270	920
PRK 40 TS - 16	2500/800		600 - 1600	fixed						270	915
PRK 40 TB - 18	2100/915		350 - 1830	powered						290	960
PRK 40 TS - 18	2100/915		630 - 1830	fixed						290	955

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 68
- other surfaces upon request
- centre cover upon request

- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard, positioning at 45°, chose on order (no add-on price)
- 0° arm design upon request

- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks (ISO III), (ISO IV) upon request
- force options see page 241

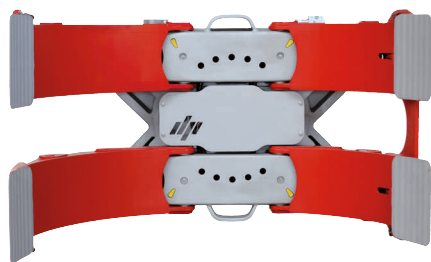


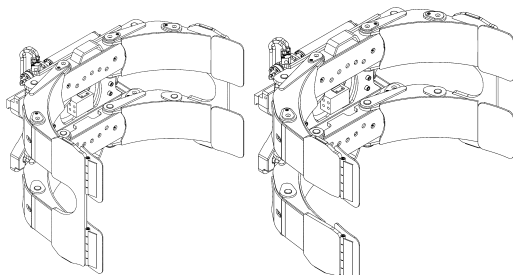
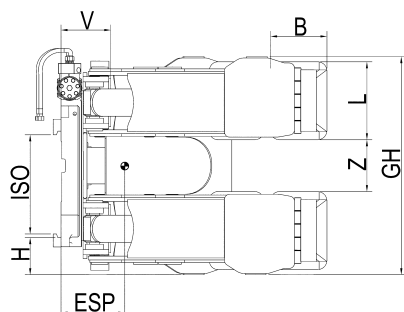
image shows unit complete with
optional centre cover

DURWEN
Forklift Attachments

More than 75 years experience

Paper roll clamp 360°

PRK 45
ISO III/IV



long arm unsplit

long arm split

type	capacity kg LC mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	ESP COG mm	weight kg
long arm unsplit											
PRK 45 B - 13	3500/650	III/IV	250 - 1300	powered	1040	250x400	200	195/200	220	215	845
PRK 45 S - 13	3500/650		550 - 1300	fixed						215	840
PRK 45 B - 14	3300/725		250 - 1450	powered						230	875
PRK 45 S - 14	3300/725		550 - 1450	fixed						230	870
PRK 45 B - 15	3000/760		250 - 1520	powered						240	900
PRK 45 S - 15	3000/760		650 - 1520	fixed						240	895
PRK 45 B - 16	2800/800		250 - 1600	powered						280	950
PRK 45 S - 16	2800/800		650 - 1600	fixed						280	945
PRK 45 B - 18	2500/915		400 - 1830	powered						300	970
PRK 45 S - 18	2500/915		650 - 1830	fixed						300	965
long arm split											
PRK 45 TB - 13	3500/650	III/IV	250 - 1300	powered	1040	250x400	200	195/200	220	210	835
PRK 45 TS - 13	3500/650		550 - 1300	fixed						210	830
PRK 45 TB - 14	3300/725		250 - 1450	powered						225	865
PRK 45 TS - 14	3300/725		550 - 1450	fixed						225	860
PRK 45 TB - 15	3000/760		250 - 1520	powered						236	890
PRK 45 TS - 15	3000/760		650 - 1520	fixed						236	885
PRK 45 TB - 16	2800/800		250 - 1600	powered						270	940
PRK 45 TS - 16	2800/800		650 - 1600	fixed						270	935
PRK 45 TB - 18	2500/915		400 - 1830	powered						295	960
PRK 45 TS - 18	2500/915		650 - 1830	fixed						295	955

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 68
- other surfaces upon request
- centre cover upon request

- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard, positioning at 45°, chose on order (no add-on price)
- 0° arm design upon request

- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks (ISO III), (ISO IV) upon request
- force options see page 241

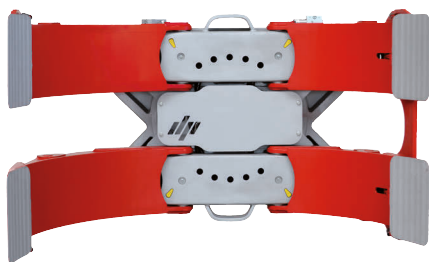


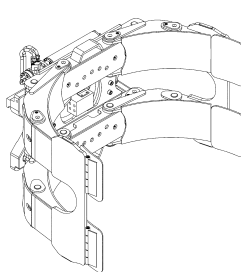
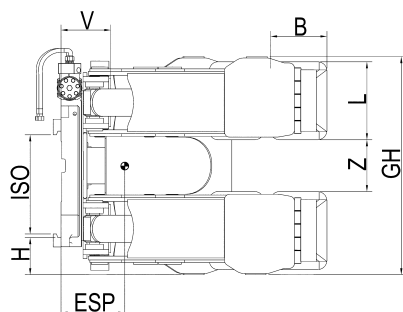
image shows unit complete with
optional centre cover

DURWEN
Forklift Attachments

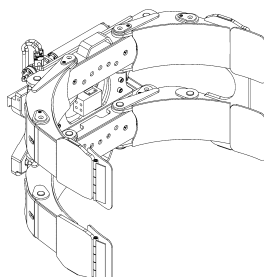
More than 75 years experience

Paper roll clamp 360°

PRK 50
ISO III/IV



long arm unsplit



long arm split

type	capacity kg LC mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	ESP COG mm	weight kg
long arm unsplit											
PRK 50 B - 13	4000/650	III/IV	250 - 1300	powered	1140	280x400	300	245/250	225	247	1020
PRK 50 S - 13	4000/650		500 - 1300	fixed						247	1005
PRK 50 B - 14	3900/725		250 - 1450	powered						259	1045
PRK 50 S - 14	3900/725		500 - 1450	fixed						259	1030
PRK 50 B - 15	3800/760		250 - 1520	powered						278	1070
PRK 50 S - 15	3800/760		500 - 1520	fixed						278	1055
PRK 50 B - 16	3700/800		250 - 1600	powered						283	1100
PRK 50 S - 16	3700/800		500 - 1600	fixed						283	1085
PRK 50 B - 18	3400/915		350 - 1830	powered						307	1170
PRK 50 S - 18	3400/915		630 - 1830	fixed						307	1155
long arm split											
PRK 50 TB - 13	4000/650	III/IV	250 - 1300	powered	1140	280x400	300	245/250	225	242	1015
PRK 50 TS - 13	4000/650		500 - 1300	fixed						242	1000
PRK 50 TB - 14	3900/725		250 - 1450	powered						254	1040
PRK 50 TS - 14	3900/725		500 - 1450	fixed						254	1025
PRK 50 TB - 15	3800/760		250 - 1520	powered						275	1065
PRK 50 TS - 15	3800/760		500 - 1520	fixed						275	1050
PRK 50 TB - 16	3700/800		250 - 1600	powered						278	1095
PRK 50 TS - 16	3700/800		500 - 1600	fixed						278	1080
PRK 50 TB - 18	3400/915		350 - 1830	powered						302	1165
PRK 50 TS - 18	3400/915		630 - 1830	fixed						302	1150

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 68
- other surfaces upon request
- centre cover upon request

- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard, positioning at 45°, chose on order (no add-on price)
- 0° arm design upon request

- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks (ISO III), (ISO IV) upon request
- force options see page 241

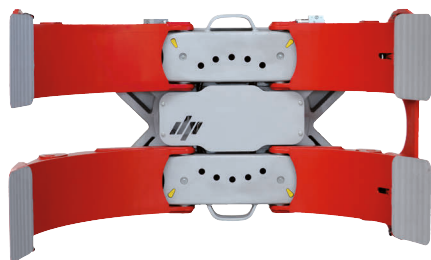


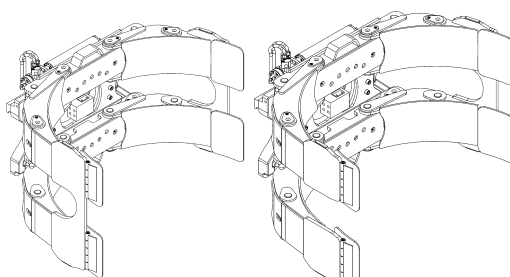
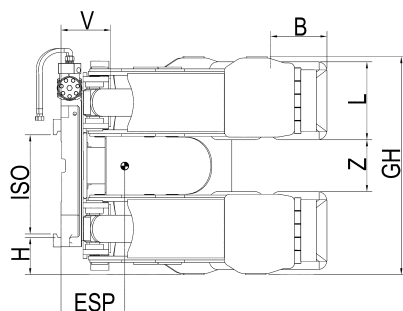
image shows unit complete with
optional centre cover

DURWEN
Forklift Attachments

More than 75 years experience

Paper roll clamp 360°

PRK 60
ISO IV



long arm unsplit

long arm split

type	capacity kg LC mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	ESP COG mm	weight kg
long arm unsplit											
PRK 60 B - 13	4500/650	IV	250 - 1300	powered	1140	280x400	300	205	228	249	1200
PRK 60 S - 13	4500/650		500 - 1300	fixed						249	1185
PRK 60 B - 14	4300/725		250 - 1450	powered						256	1225
PRK 60 S - 14	4300/725		500 - 1450	fixed						256	1210
PRK 60 B - 15	4200/760		250 - 1520	powered						263	1260
PRK 60 S - 15	4200/760		450 - 1520	fixed						263	1245
PRK 60 B - 16	4000/800		250 - 1600	powered						270	1285
PRK 60 S - 16	4000/800		500 - 1600	fixed						270	1270
PRK 60 B - 18	3800/915		350 - 1830	powered						289	1325
PRK 60 S - 18	3800/915		650 - 1830	fixed						289	1310
PRK 60 B - 19	3200/950		350 - 1900	powered						300	1345
PRK 60 S - 19	3200/950		700 - 1900	fixed						300	1330
PRK 60 B - 20	2800/1000		350 - 2000	powered						314	1380
PRK 60 S - 20	2800/1000		700 - 2000	fixed						314	1365
long arm split											
PRK 60 TB - 13	4500/650	IV	250 - 1300	powered	1140	280x400	300	205	228	244	1195
PRK 60 TS - 13	4500/650		500 - 1300	fixed						244	1180
PRK 60 TB - 14	4300/725		250 - 1450	powered						251	1220
PRK 60 TS - 14	4300/725		500 - 1450	fixed						251	1205
PRK 60 TB - 15	4200/760		250 - 1520	powered						258	1255
PRK 60 TS - 15	4200/760		450 - 1520	fixed						258	1240
PRK 60 TB - 16	4000/800		250 - 1600	powered						265	1280
PRK 60 TS - 16	4000/800		500 - 1600	fixed						265	1265
PRK 60 TB - 18	3800/915		350 - 1830	powered						284	1320
PRK 60 TS - 18	3800/915		650 - 1830	fixed						284	1305
PRK 60 TB - 19	3200/950		350 - 1900	powered						295	1340
PRK 60 TS - 19	3200/950		700 - 1900	fixed						295	1325
PRK 60 TB - 20	2800/1000		350 - 2000	powered						311	1375
PRK 60 TS - 20	2800/1000		700 - 2000	fixed						311	1360

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 68
- other surfaces upon request
- centre cover upon request

- 160 bar pressure at entry required, less pressure results in less clamping force
- load extender upon request
- 0° arm design upon request

- powered short arm sequential movement as standard, positioning at 45°, chose on order (no add-on price)
- one piece contact plate per arm upon request
- quick release hooks (ISO IV) upon request
- force options see page 241

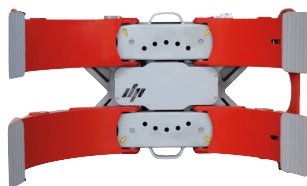


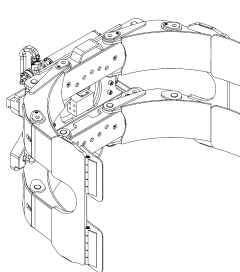
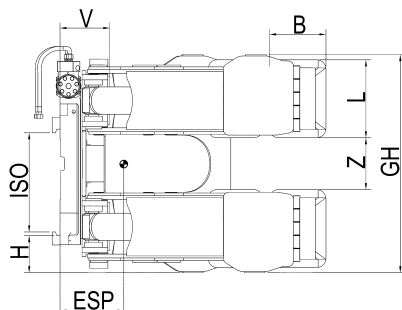
image shows unit complete with
optional centre cover

DURWEN
Forklift Attachments

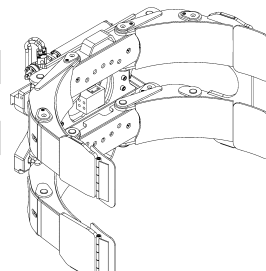
More than 75 years experience

Paper roll clamp 360°

PRK 80
ISO IV



long arm unsplit



long arm split

type	capacity kg LC mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	ESP COG mm	weight kg
long arm unsplit											
PRK 80 B - 13	5000/650	IV	250 - 1300	powered	1240	280x500	200	255	239	259	1330
PRK 80 S - 13	5000/650		500 - 1300	fixed						259	1325
PRK 80 B - 14	4800/725		250 - 1450	powered						271	1365
PRK 80 S - 14	4800/725		500 - 1450	fixed						271	1360
PRK 80 B - 15	4600/760		250 - 1520	powered						282	1395
PRK 80 S - 15	4600/760		450 - 1520	fixed						282	1390
PRK 80 B - 16	4500/800		250 - 1600	powered						291	1445
PRK 80 S - 16	4500/800		500 - 1600	fixed						291	1440
PRK 80 B - 18	3900/915		350 - 1830	powered						326	1495
PRK 80 S - 18	3900/915		650 - 1830	fixed						326	1490
PRK 80 B - 19	3600/950		350 - 1900	powered						343	1520
PRK 80 S - 19	3600/950		700 - 1900	fixed						343	1515
PRK 80 B - 20	3500/1000		350 - 2000	powered						360	1590
PRK 80 S - 20	3500/1000		700 - 2000	fixed						360	1585
PRK 80 B - 21	3300/1050		450 - 2100	powered						377	1685
PRK 80 S - 21	3300/1050		900 - 2100	fixed						377	1625
long arm split											
PRK 80 TB - 13	5000/650	IV	250 - 1300	powered	1240	280x500	200	255	239	254	1335
PRK 80 TS - 13	5000/650		500 - 1300	fixed						254	1330
PRK 80 TB - 14	4800/725		250 - 1450	powered						266	1370
PRK 80 TS - 14	4800/725		500 - 1450	fixed						266	1365
PRK 80 TB - 15	4600/760		250 - 1520	powered						277	1400
PRK 80 TS - 15	4600/760		450 - 1520	fixed						277	1395
PRK 80 TB - 16	4500/800		250 - 1600	powered						286	1440
PRK 80 TS - 16	4500/800		500 - 1600	fixed						286	1435
PRK 80 TB - 18	3900/915		350 - 1830	powered						321	1490
PRK 80 TS - 18	3900/915		650 - 1830	fixed						321	1485
PRK 80 TB - 19	3600/950		350 - 1900	powered						338	1515
PRK 80 TS - 19	3600/950		700 - 1900	fixed						338	1510
PRK 80 TB - 20	3500/1000		350 - 2000	powered						355	1585
PRK 80 TS - 20	3500/1000		700 - 2000	fixed						355	1580
PRK 80 TB - 21	3300/1050		450 - 2100	powered						372	1680
PRK 80 TS - 21	3300/1050		900 - 2100	fixed						372	1675

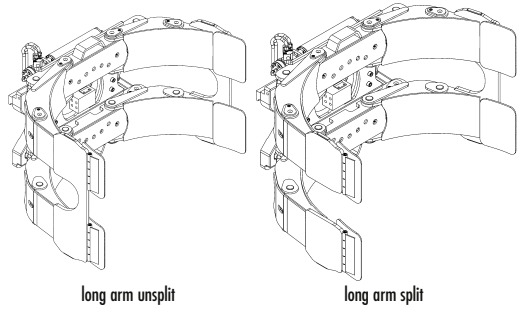
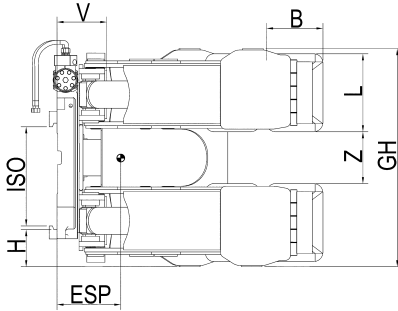
- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 68
- other surfaces upon request
- centre cover upon request

- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard, positioning at 45°, chose on order (no add-on price)
- 0° arm design upon request

- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks (ISO IV) upon request
- force options see page 241

Paper roll clamp 360°

**PRK 100
ISO IV**



type	capacity kg LC mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	ESP COG mm	weight kg
long arm unsplit											
PRK 100 B - 13	5600/650	IV	400 - 1300	powered	1240	280x500	200	250	255	246	1360
PRK 100 B - 14	5500/725		450 - 1450							263	1440
PRK 100 B - 15	5300/760		480 - 1520							280	1470
PRK 100 B - 16	5000/800		550 - 1600							297	1510
PRK 100 B - 18	4600/915		580 - 1830							311	1630
PRK 100 B - 19	4300/950		600 - 1900							328	1670
PRK 100 B - 20	4000/1000		600 - 2000							345	1710
PRK 100 B - 21	3800/1050		650 - 2100							362	1750
long arm split											
PRK 100 TB - 13	5600/650	IV	400 - 1300	powered	1240	280x500	200	250	255	241	1350
PRK 100 TB - 14	5500/725		450 - 1450							258	1430
PRK 100 TB - 15	5300/760		480 - 1520							275	1460
PRK 100 TB - 16	5000/800		550 - 1600							292	1500
PRK 100 TB - 18	4600/915		580 - 1830							306	1620
PRK 100 TB - 19	4300/950		600 - 1900							323	1660
PRK 100 TB - 20	4000/1000		600 - 2000							340	1700
PRK 100 TB - 21	3800/1050		650 - 2100							350	1740

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 68
- other surfaces upon request
- centre cover upon request

- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard, positioning at 45°, chose on order (no add-on price)
- 0° arm design upon request

- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks (ISO IV) upon request
- force options see page 241

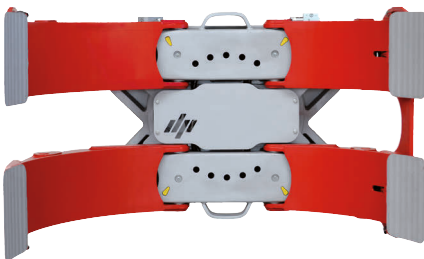


image shows unit complete with optional centre cover

DURWEN 
Forklift Attachments

More than 75 years experience

Paper roll clamp type PRK 180°

Durwen app



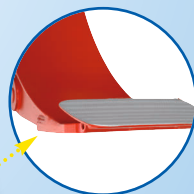
wear protection
as standard



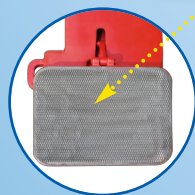
rack and pinion
drive

available with short
arm powered or fixed

standard: centre cover



slim arm design



durable high
friction cast
as standard

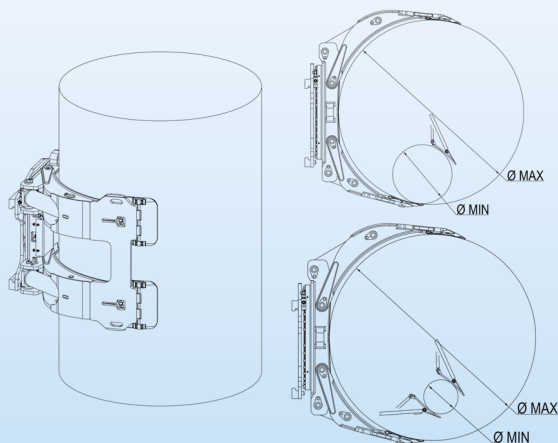


long arm
split or unsplit

Paper roll clamp 180°

PRK 180°

The **paper roll clamp PRK 180°** is designed to take paper rolls in bilge position and upright. The forklift truck operator enjoys increased ergonomics in handling due to the 180° rack and pinion drive which enables fast and safe rotation with a soft stop. The short arm can either be chosen fixed or powered. A 5° forward tilt angle on your forklift truck mast is usually sufficient. 0° execution can be done upon request. 160 bar clamp pressure is required for regular operation. Less pressure results in less clamping force.



PRK-S (short arm fixed)

This model has a fixed short arm. The powered long arm does the circular clamp movement and is not split. This model is ideal for always handling one paper roll only.

PRK-B (short arm powered)

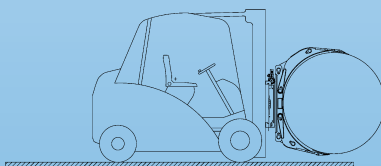
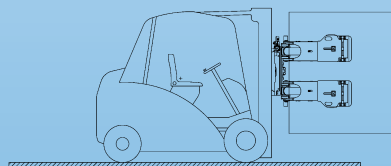
This model has a powered short arm and a powered long arm. It is ideal for always handling one paper roll only. Thanks to the powered short arm with sequential function also very small diameters can be clamped. Due to the sequential function the long arm always moves first. 45° positioning of the short arm is not available for the 180° paper roll clamp.

PRK-TS (short arm fixed, long arm split)

This model has a fixed short arm. The powered long arm does the circular clamp movement and is split. This model is ideal for handling one or two paper rolls at a time. Due to the long arm being split also 2 rolls with different roll diameters can be clamped safely.

PRK-TB (short arm powered, long arm split)

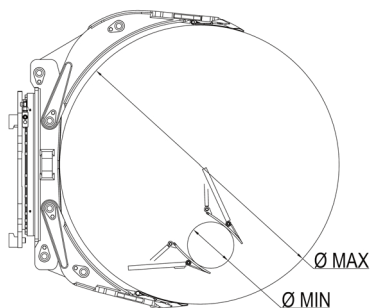
This model has a powered short arm and a powered long arm. Because of the long arm being split also 2 rolls with different diameters can be clamped safely. The powered short arm sequential function enables clamping of very small diameters. Due to the sequential function the long arm always moves first. 45° positioning of the short arm is not available for the 180° paper roll clamp.



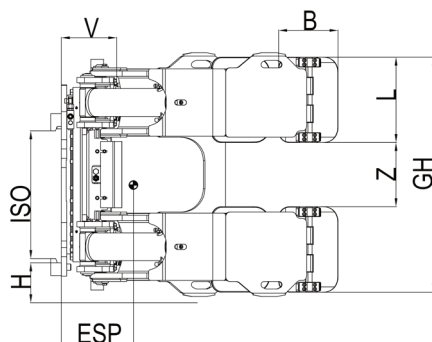
DURWEN
Forklift Attachments

More than 75 years experience

Paper roll clamp 180°



short arm powered

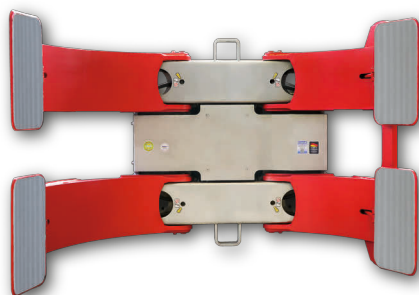


type	capacity kg LC mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	ESP COG mm	weight kg
PRK 40 - long arm unsplit											
PRK 40 B-13-180	3000/650	III	250 - 1300	powered	1040	250x400	200	184	215	241	795
PRK 40 S-13-180	3000/650		500 - 1300	fixed						241	790
PRK 40 B-15-180	2650/760		250 - 1520	powered						265	850
PRK 40 S-15-180	2650/760		500 - 1300	fixed						265	845
PRK 40 B-16-180	2500/800		250 - 1600	powered						292	878
PRK 40 S-16-180	2500/800		600 - 1600	fixed						292	873
PRK 40 B-18-180	2100/915		350 - 1830	powered						301	925
PRK 40 S-18-180	2100/915		630 - 1830	fixed						301	920
PRK 40 - long arm split											
PRK 40 TB-13-180	3000/650	III	250 - 1300	powered	1040	250x400	200	184	215	234	785
PRK 40 TS-13-180	3000/650		500 - 1300	fixed						234	780
PRK 40 TB-15-180	2650/760		250 - 1520	powered						260	840
PRK 40 TS-15-180	2650/760		500 - 1300	fixed						260	835
PRK 40 TB-16-180	2500/800		250 - 1600	powered						287	868
PRK 40 TS-16-180	2500/800		600 - 1600	fixed						287	863
PRK 40 TB-18-180	2100/915		350 - 1830	powered						296	915
PRK 40 TS-18-180	2100/915		630 - 1830	fixed						296	910

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 68
- other surfaces upon request

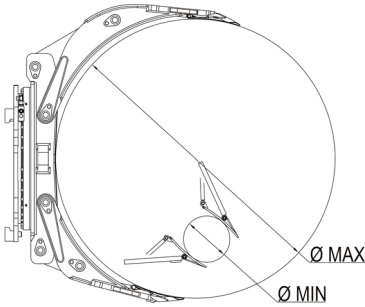
- with centre cover as standard
- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard

- 0° arm design upon request
- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks (ISO III) upon request
- force options see page 241

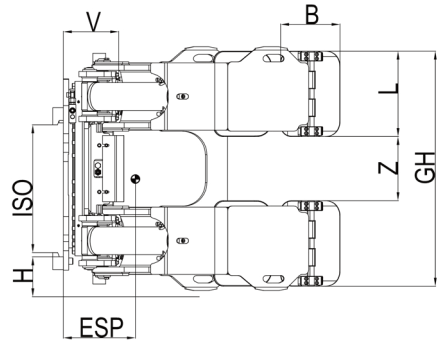


Paper roll clamp 180°

PRK 45-180
ISO III



short arm powered

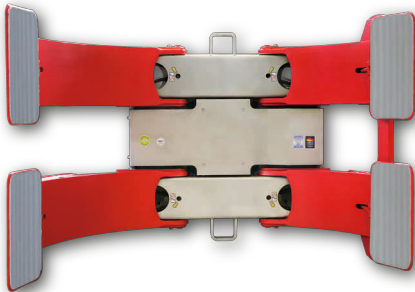


type	capacity kg LC mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	ESP COG mm	weight kg
PRK 45 - long arm unsplit											
PRK 45 B-13-180	3500/650	III	250 - 1300	powered	1040	250x400	200	184	215	262	830
PRK 45 S-13-180	3500/650		550 - 1300	fixed						262	825
PRK 45 B-15-180	3000/760		250 - 1520	powered						288	875
PRK 45 S-15-180	3000/760		650 - 1520	fixed						288	870
PRK 45 B-16-180	2800/800		250 - 1600	powered						315	895
PRK 45 S-16-180	2800/800		650 - 1600	fixed						315	890
PRK 45 B-18-180	2500/915		400 - 1830	powered						325	965
PRK 45 S-18-180	2500/915		650 - 1830	fixed						325	960
PRK 45 - long arm split											
PRK 45 TB-13-180	3500/650	III	250 - 1300	powered	1040	250x400	200	184	215	257	820
PRK 45 TS-13-180	3500/650		550 - 1300	fixed						257	815
PRK 45 TB-15-180	3000/760		250 - 1520	powered						283	865
PRK 45 TS-15-180	3000/760		650 - 1520	fixed						283	860
PRK 45 TB-16-180	2800/800		250 - 1600	powered						310	885
PRK 45 TS-16-180	2800/800		650 - 1600	fixed						310	880
PRK 45 TB-18-180	2500/915		400 - 1830	powered						320	955
PRK 45 TS-18-180	2500/915		650 - 1830	fixed						320	950

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 68
- other surfaces upon request

- with centre cover as standard
- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard

- 0° arm design upon request
- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks (ISO III) upon request
- force options see page 241

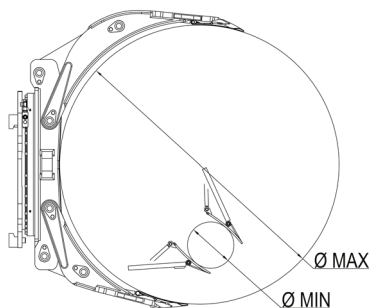


DURWEN
Forklift Attachments

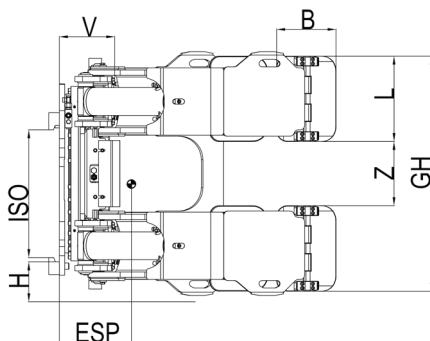
More than 75 years experience

Paper roll clamp 180°

PRK 50-180
ISO III/IV



short arm powered

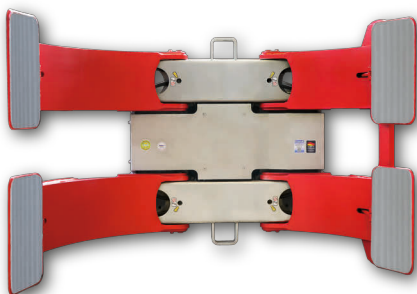


type	capacity kg LC mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	ESP COG mm	weight kg
PRK 50 - long arm unsplit											
PRK 50 B-13-180	4000/650	III/IV	250 - 1300	powered	1140	280x400	300	157/202	220	259	980
PRK 50 S-13-180	4000/650		500 - 1300	fixed						259	975
PRK 50 B-15-180	3800/760		250 - 1520	powered						287	1050
PRK 50 S-15-180	3800/760		500 - 1520	fixed						287	1045
PRK 50 B-16-180	3700/800		250 - 1600	powered						295	1060
PRK 50 S-16-180	3700/800		500 - 1600	fixed						295	1055
PRK 50 B-18-180	3400/915		350 - 1830	powered						317	1120
PRK 50 S-18-180	3400/915		630 - 1830	fixed						317	1115
PRK 50 - long arm split											
PRK 50 TB-13-180	4000/650	III/IV	250 - 1300	powered	1140	280x400	300	157/202	220	254	970
PRK 50 TS-13-180	4000/650		500 - 1300	fixed						254	965
PRK 50 TB-15-180	3800/760		250 - 1520	powered						282	1040
PRK 50 TS-15-180	3800/760		500 - 1520	fixed						282	1035
PRK 50 TB-16-180	3700/800		250 - 1600	powered						290	1050
PRK 50 TS-16-180	3700/800		500 - 1600	fixed						290	1045
PRK 50 TB-18-180	3400/915		350 - 1830	powered						312	1110
PRK 50 TS-18-180	3400/915		630 - 1830	fixed						312	1105

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 68
- other surfaces upon request

- with centre cover as standard
- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard

- 0° arm design upon request
- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks (ISO III), (ISO IV) upon request
- force options see page 241

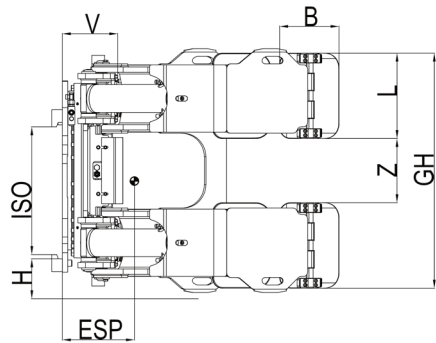
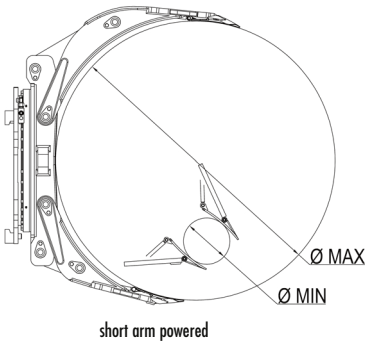


DURWEN
Forklift Attachments

More than 75 years experience

Paper roll clamp 180°

PRK 60-180
ISO IV

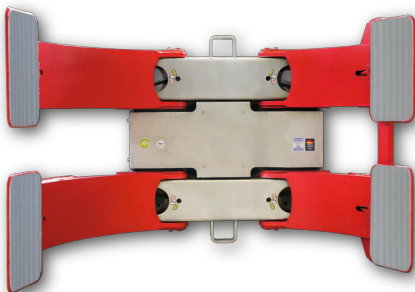


type	capacity kg LC mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	ESP COG mm	weight kg
PRK 60 - long arm unsplit											
PRK 60 B-13-180	4500/650	IV	250 - 1300	powered	1240	280x500	200	207	238	294	1165
PRK 60 S-13-180	4500/650		500 - 1300	fixed						294	1160
PRK 60 B-15-180	4200/760		250 - 1520	powered						313	1225
PRK 60 S-15-180	4200/760		450 - 1520	fixed						313	1220
PRK 60 B-16-180	4000/800		250 - 1600	powered						318	1240
PRK 60 S-16-180	4000/800		500 - 1600	fixed						318	1235
PRK 60 B-18-180	3800/915		350 - 1830	powered						333	1275
PRK 60 S-18-180	3800/915		650 - 1830	fixed						333	1270
PRK 60 - long arm split											
PRK 60 TB-13-180	4500/650	IV	250 - 1300	powered	1240	280x500	200	207	238	289	1155
PRK 60 TS-13-180	4500/650		500 - 1300	fixed						289	1150
PRK 60 TB-15-180	4200/760		250 - 1520	powered						308	1215
PRK 60 TS-15-180	4200/760		450 - 1520	fixed						308	1210
PRK 60 TB-16-180	4000/800		250 - 1600	powered						313	1230
PRK 60 TS-16-180	4000/800		500 - 1600	fixed						313	1225
PRK 60 TB-18-180	3800/915		350 - 1830	powered						328	1265
PRK 60 TS-18-180	3800/915		650 - 1830	fixed						328	1260

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 68
- other surfaces upon request

- with centre cover as standard
- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard

- 0° arm design upon request
- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks (ISO IV) upon request
- force options see page 241

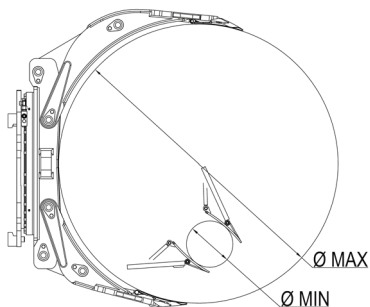


DURWEN
Forklift Attachments

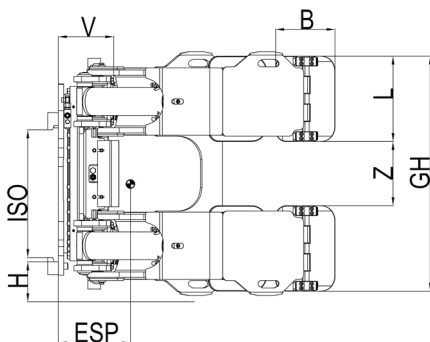
More than 75 years experience

Paper roll clamp 180°

**PRK 80/100-
180 ISO IV/V**



short arm powered



type	capacity kg LC mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	Z mm	H mm	V LLC mm	ESP COG mm	weight kg
PRK 80 - long arm unsplit											
PRK 80 B-13-180	5000/650	IV	250 - 1300	powered	1240	280x500	200	207	238	281	1305
PRK 80 B-15-180	4600/760		250 - 1520							305	1353
PRK 80 B-16-180	4500/800		250 - 1600							317	1370
PRK 80 B-18-180	3900/915		350 - 1830							335	1385
PRK 80 B-21-180	3300/1050		450 - 2100							365	1490
PRK 80 - long arm split											
PRK 80 TB-13-180	5000/650	IV	250 - 1300	powered	1240	280x500	200	207	238	276	1295
PRK 80 TB-15-180	4600/760		250 - 1520							297	1343
PRK 80 TB-16-180	4500/800		250 - 1600							306	1360
PRK 80 TB-18-180	3900/915		350 - 1830							328	1375
PRK 80 TB-21-180	3300/1050		450 - 2100							355	1480
PRK 100 long arm unsplit											
PRK 100 B-15-180	5300/760	IV/V	480 - 1520	powered	1240	280x500	200	102	258	287	1480
PRK 100 B-16-180	5000/800		500 - 1600							305	1520
PRK 100 B-18-180	4600/915		580 - 1830							323	1580
PRK 100 B-21-180	3800/1050		650 - 2100							377	1700
PRK 100- long arm split											
PRK 100 TB-15-180	5300/760	IV/V	480 - 1520	powered	1240	280x500	200	102	258	282	1470
PRK 100 TB-16-180	5000/800		500 - 1600							300	1510
PRK 100 TB-18-180	4600/915		580 - 1830							318	1570
PRK 100 TB-21-180	3800/1050		650 - 2100							372	1690

- 2 hydraulic functions required
- includes hoses and couplings
- optional surfaces see page 68
- other surfaces upon request

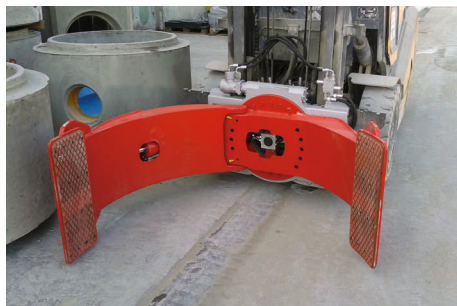
- with centre cover as standard
- 160 bar pressure at entry required, less pressure results in less clamping force
- powered short arm sequential movement as standard

- 0° arm design upon request
- one piece contact plate per arm upon request
- load extender upon request
- quick release hooks (ISO IV) upon request
- force options see page 241

DURWEN 
Forklift Attachments

More than 75 years experience

Impressions of Durwen paper roll clamps

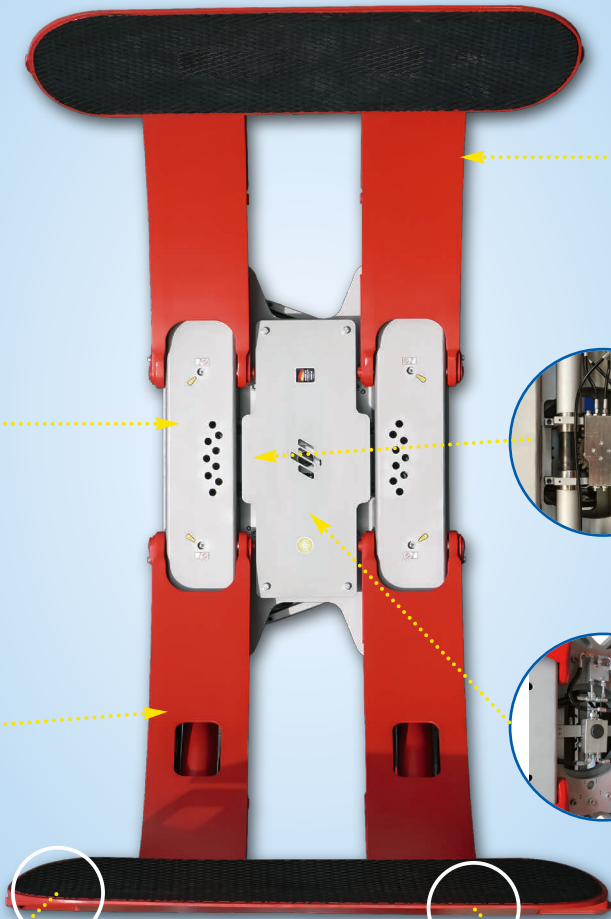


Tissue roll clamp 360° type TRK



robust
construction

Durwen app

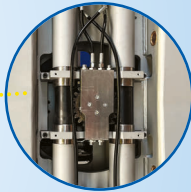


360°
direct drive

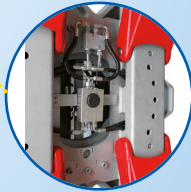


available with fixed
or powered short arm

available also with 180°
rack and pinion rotator



optional with
centre cover



arm design ideal for
tissue paper



rubber-coated
contact plates
as standard

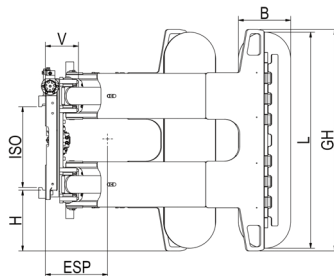
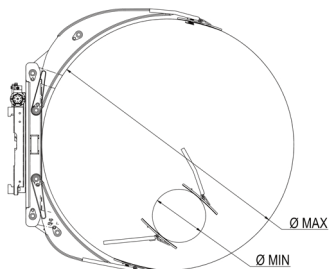


slim arm design

Tissue roll clamps TRK 360°

TRK 20-50

The **Durwen tissue roll clamps TRK 360°** are designed with ideal geometry for handling tissue rolls. The large rubber-faced contact plates are carefully designed for good friction coefficient and for minimised impact on tissue at the same time. The 360° rotation is based on the Durwen rotator with drive via worm wheel-worm gear.



type	capacity kg LC mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	H mm	V LLC mm	ESP COG mm	weight kg
TRK 20 B - 13	1300/650	II	300 - 1300	powered	1240	280x1200	375	179	288	615
TRK 20 B - 15	1100/760		400 - 1520						337	685
TRK 20 B - 16	1000/800		400 - 1600						360	715
TRK 25 B - 13	1800/650	II/III	300 - 1300		1240	280x1200	343	183	299	675
TRK 25 B - 15	1600/760		400 - 1520						313	745
TRK 25 B - 16	1500/800		400 - 1600						330	775
TRK 30 B - 13	2200/650	II/III	360 - 1300		1240	280x1200	343	183	364	715
TRK 30 B - 15	1900/760		400 - 1520						367	785
TRK 30 B - 16	1750/800		400 - 1600						367	815
TRK 30 B - 18	1500/915		500 - 1830						367	865
TRK 40 B - 16	2500/800	III/IV	400 - 1600		1240	280x1200	275/280	220	355	1028
TRK 40 B - 18	2150/915		500 - 1830						370	1077
TRK 40 B - 20	2000/1025		500 - 2050						382	1095
TRK 40 B - 21	1800/1075		550 - 2150						398	1110
TRK 50 B - 16	3000/800	III/IV	500 - 1600		1640	400x1600	475/480	225	411	1352
TRK 50 B - 18	2800/915		500 - 1830						428	1400
TRK 50 B - 20	2500/1025		600 - 2050						445	1422
TRK 50 B - 21	2400/1075		600 - 2150						462	1450

- 2 hydraulic functions required
- includes hoses and couplings
- safety valve as standard
- contact plates with rubber-coating (smooth or rhombic) as standard, optional with PU-coating
- contact plates convex angled outward upon request

- for picking up horizontal rolls min. 5° most forward tilt required
- powered short arm sequential movement as standard, positioning at 45°, chose on order (no add-on price)
- hydraulic pressure of 160 bar required at forklift truck coupling, less pressure results in less clamping force
- centre cover upon request
- load extender upon request



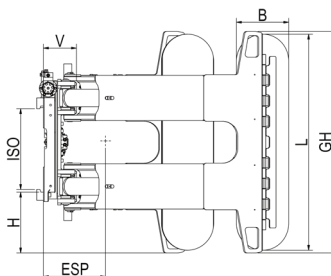
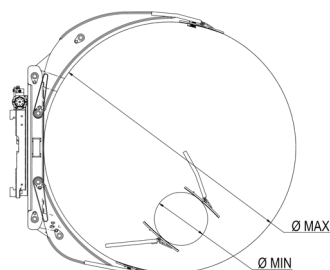
DURWEN
Forklift Attachments

More than 75 years experience

Tissue roll clamps TRK 360°

TRK 60-110
ISO IV

The **Durwen tissue roll clamps TRK 360°** are designed with ideal geometry for handling tissue rolls. The large rubber-faced contact plates are carefully designed for good friction coefficient and for minimised impact on tissue at the same time. The 360° rotation is based on the Durwen rotator with drive via worm wheel-worm gear.



type	capacity kg LC mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	H mm	V LLC mm	ESP COG mm	weight kg
TRK 60 B - 18	3200/915	IV	500 - 1830	powered	1640	400x1600	475/480	240	428	1650
TRK 60 B - 20	2900/1025		600 - 2050						445	1720
TRK 60 B - 21	2750/1075		600 - 2150						462	1750
TRK 60 B - 22	2650/1125		600 - 2250						485	1790
TRK 60 B - 25	2200/1250		600 - 2500						504	2005
TRK 80 B - 20	3200/1025		600 - 2050		1640	400x1600	475/480	240	445	1895
TRK 80 B - 21	3050/1075		600 - 2150						462	1925
TRK 80 B - 22	3050/1125		600 - 2250						485	1965
TRK 80 B - 25	2600/1250		600 - 2500						503	2180
TRK 100 B - 21	3350/1075		800 - 2150		1840	400x1800	550	258	478	1995
TRK 100 B - 23	3250/1175		800 - 2350						495	2065
TRK 100 B - 25	2950/1275		800 - 2550						512	2170
TRK 100 B - 26	2850/1325		800 - 2650						530	2230
TRK 110 B - 26	3800/1300		850 - 2600			550x1800			523	2370

- 2 hydraulic functions required
- includes hoses and couplings
- safety valve as standard
- contact plates with rubber-coating (smooth or rhombic) as standard, optional with PU-coating
- contact plates convex angled outward upon request

- for picking up horizontal rolls min. 5° mast forward tilt required
- powered short arm sequential movement as standard, positioning at 45°, chose on order (no add-on price)
- hydraulic pressure of 160 bar required at forklift truck coupling, less pressure results in less clamping force
- centre cover upon request
- load extender upon request



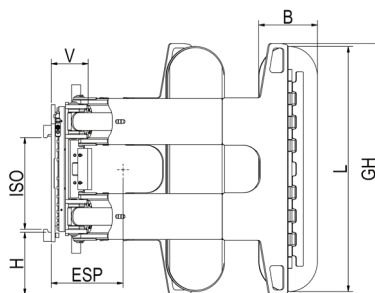
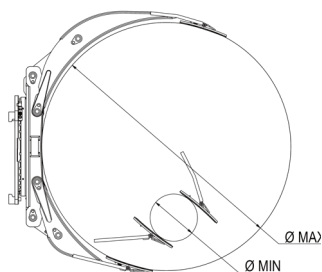
DURWEN
Forklift Attachments

More than 75 years experience

Tissue roll clamps TRK 180°

TRK
40-110-180

The **Durwen tissue roll clamps TRK 180°** are designed with ideal geometry for handling tissue rolls. The large rubber-faced contact plates are carefully designed for good friction coefficient and for minimised impact on tissue at the same time. The 180° rotation is based on the Durwen rack and pinion drive. Due to the technically designed stop at 0° and 180° the roll always stands up straight so that edge damage is prevented when setting down the rolls.



type	capacity kg LC mm	ISO	roll diameter min - max mm	short arm	GH mm	contact plates B x L mm	H mm	V LLC mm	ESP COG mm	weight kg
TRK 40 B - 16 - 180	2500/800	III/IV	400 - 1600	powered	1240	280x1200	275/280	215	362	1005
TRK 40 B - 18 - 180	2150/915		500 - 1830						378	1045
TRK 40 B - 20 - 180	2000/1025		500 - 2050						389	1065
TRK 40 B - 21 - 180	1800/1075		550 - 2150						407	1080
TRK 50 B - 16 - 180	3000/800	III/IV	500 - 1600		1640	400x1600	475/480	220	420	1305
TRK 50 B - 18 - 180	2800/915		500 - 1830						436	1340
TRK 50 B - 20 - 180	2500/1025		600 - 2050						454	1365
TRK 50 B - 21 - 180	2400/1075		600 - 2150						471	1390
TRK 60 B - 18 - 180	3200/915	IV	500 - 1830		1640	400x1600	480	238	438	1580
TRK 60 B - 20 - 180	2900/1025		600 - 2050						455	1620
TRK 60 B - 21 - 180	2750/1075		600 - 2150						473	1660
TRK 60 B - 22 - 180	2650/1125		600 - 2250						484	1725
TRK 60 B - 25 - 180	2200/1250	IV	600 - 2500		1640	400x1600	480	238	515	1780
TRK 80 B - 20 - 180	3100/1025		600 - 2050						457	1830
TRK 80 B - 21 - 180	2950/1075		600 - 2150						473	1865
TRK 80 B - 22 - 180	2950/1125		600 - 2250						496	1905
TRK 80 B - 25 - 180	2600/1250		600 - 2500						514	2120
TRK 100 B - 21 - 180	3350/1075	IV	800 - 2150		1840	400x1800	550	258	478	1995
TRK 100 B - 23 - 180	3250/1175		800 - 2350						495	2065
TRK 100 B - 25 - 180	2950/1275		800 - 2550						512	2200
TRK 100 B - 26 - 180	2850/1325		800 - 2650						530	2260
TRK 110 B - 25 - 180	3800/1250	IV	800 - 2500		1440	700x1400	222	258	481	2185

- 2 hydraulic functions required
- includes hoses and couplings
- safety valve as standard
- contact plates with rubber-coating (smooth or rhombic) as standard, optional with PU-coating
- contact plates convex angled outward upon request
- for picking up horizontal rolls min. 5° mast forward tilt required
- powered short arm sequential movement as standard

- hydraulic pressure of 160 bar required at forklift truck coupling, less pressure results in less clamping force
- load extender upon request

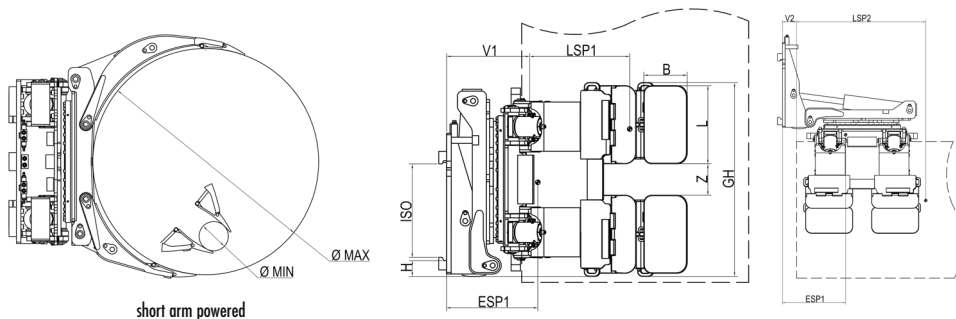
DURWEN
Forklift Attachments

More than 75 years experience

Paper roll clamp 180°, tilting

PRK-K-180
ISO III/IV/V

The **Durwen tilting paper roll clamp type PRK-K 180°** enables picking up of paper rolls in horizontal and vertical position. Due to the 90° forward tilt, horizontal rolls can be picked up and set down crosswise and lengthwise to the driving direction. The clamp has a rotation range of 180°. Due to the technically designed stop at 0° and 180° the roll always stands up straight so that edge damage is prevented when setting down the rolls.



type	capacity kg LC mm	LC 1 / LC 2 mm	ISO	roll diameter min - max mm	short arm	GH mm	contact pla- tes B x L mm	Z mm	H mm	V1/ V2 LLC 1/2 mm	ESP 1/ ESP 2 COG 1/2 mm	weight kg
Tilting paper roll clamp - long arm unsplit												
PRK 40 B-13-D-K-180	3000	650/1200	III/IV	250-1300	powered	1040	250x400	200	30	455/100	268/498	1528
PRK 40 B-15-D-K-180	2650	760/1200	III/IV	250-1520		1040	250x400	200	30	455/100	288/516	1568
PRK 50 B-15-D-K-180	3600	760/1300	IV	250-1520		1140	280x400	300	30	495/100	393/662	1760
PRK 50 B-16-D-K-180	3500	800/1300	IV	250-1600		1140	280x400	300	30	495/100	399/669	1780
PRK 60 B-15-D-K-180	4200	760/1300	IV/V	250-1520		1240	280x500	200	80	513/100	412/703	1945
PRK 60 B-16-D-K-180	4000	800/1300	IV/V	250-1600		1240	280x500	200	80	513/100	418/706	1960
PRK 80 B-15-D-K-180	4600	760/1400	IV/V	250-1520		1240	280x500	200	80	653/100	532/823	2360
PRK 80 B-16-D-K-180	4500	800/1400	IV/V	250-1600		1240	280x500	200	80	653/100	532/823	2375
Tilting paper roll clamp - long arm split												
PRK 40 TB-13-D-K-180	3000	650/1200	III/IV	250-1300	powered	1040	250x400	200	30	455/100	268/498	1523
PRK 40 TB-15-D-K-180	2650	760/1300	III/IV	250-1520		1040	250x400	200	30	455/100	288/516	1563
PRK 50 TB-15-D-K-180	3600	760/1200	IV	250-1520		1140	280x400	300	30	495/100	393/662	1765
PRK 50 TB-16-D-K-180	3500	800/1300	IV	250-1600		1140	280x400	300	30	495/100	399/669	1785
PRK 60 TB-15-D-K-180	4200	760/1300	IV/V	250-1520		1240	280x500	200	80	513/100	412/703	1950
PRK 60 TB-16-D-K-180	4000	800/1300	IV/V	250-1600		1240	280x500	200	80	513/100	418/706	1965
PRK 80 TB-15-D-K-180	4600	760/1400	IV/V	250-1520		1240	280x500	200	80	653/100	532/823	2350
PRK 80 TB-16-D-K-180	4500	800/1400	IV/V	250-1600		1240	280x500	200	80	653/100	532/823	2365

- 3 hydraulic functions required
- includes hoses and couplings
- safety valve as standard
- contact plates with durable high friction cast grip as standard, optional with coating
- powered short arm sequential movement as standard
- hydraulic pressure of 160 bar required at forklift truck coupling, less pressure results in less clamping force
- 360° rotator upon request

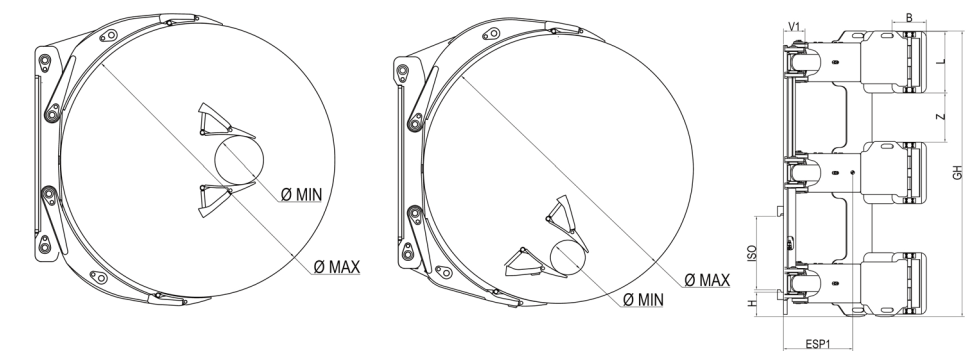
- without rotator upon request
- conventional solenoid valve upon request (12 V, 24 V, 48 V, 80 V – please indicate)
- load extender upon request

DURWEN
Forklift Attachments

More than 75 years experience

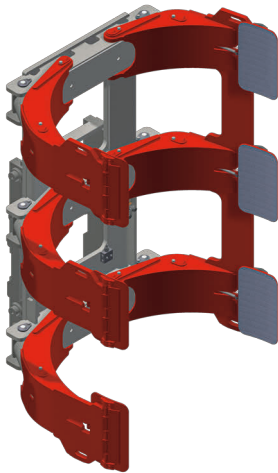
Tower paper roll clamp

The **Durwen tower paper roll clamp type TPRK** is suitable for picking up paper rolls in vertical position. Due to the three clamp arm sets, one, two or three rolls can be picked up safely. The clamp can be equipped with two equally long clamp arms or one long and one short arm.

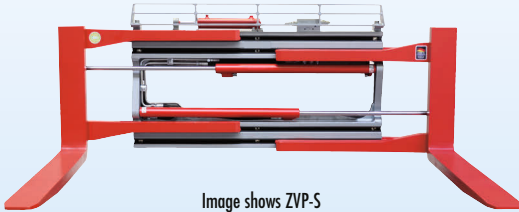
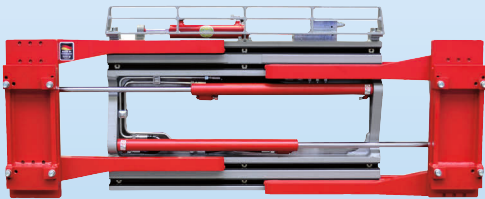
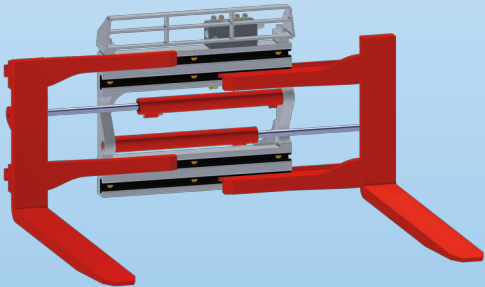
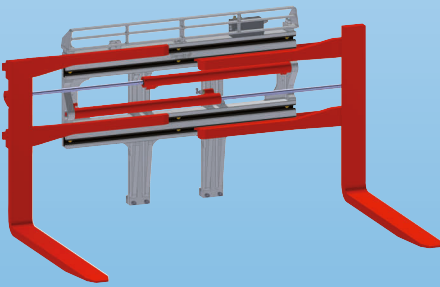


type	capacity kg LC mm	ISO	roll diameter min - max mm	GH mm	contact plates B x L mm	Z mm	H mm	LLC 1 V1 mm	COG 1 ESP 1 mm	weight kg
TPRK 45 TB - 13 - ND	4600/650	III/IV	300-1300	2040	250x400	400	80	135	295	950
TPRK 45 TB - 16 - ND	4200/800	III/IV	400-1600	2040	250x400		80	135	320	1010
TPRK 60 TB - 13 - ND	6400/650	IV/V	400-1300	2340	280x500		140	175	280	1520
TPRK 60 TB - 16 - ND	6000/800	IV/V	500-1600	2340	280x500		140	175	300	1650
TPRK 80 TB - 13 - ND	8000/650	IV/V	500-1300	2340	280x500		140	190	285	1710
TPRK 80 TB - 16 - ND	7500/800	IV/V	600-1600	2340	280x500		140	190	305	1840

- 1 hydraulic function required
 - includes hoses and couplings
 - three separate clamp arm sets
 - choose equally long clamp arms or one long arm and one short arm
 - revolving tower clamps upon request
- hydraulically height-adjustable clamp frame upon request
 - contact plates with durable high friction cast grip as standard, optional with coating
 - hydraulic pressure of 160 bar required at forklift truck coupling, less pressure results in less clamping force



Durwen fork positioners overview

Type ZVP-S, ZVP  Image shows ZVP-S	Page 99-103 • T-profile guides • based on clamp design, opening range beyond frame • constant sideshift (ZVP-S), integral sideshift (ZVP) or without sideshift • bolt-on forks as standard
Type ZVP-AS, ZVP-A 	Page 104-105 • T-profile guides • based on clamp design, opening range beyond frame • constant sideshift (ZVP-AS), integral sideshift (ZVP-A) or without sideshift • standard with bolt-on adaptor plate for mounting of ISO forks
Type ZVP for reach trucks 	Page 106 • T-profile guides • based on clamp design, opening range beyond frame • version between support arms of reach truck • without sideshift, integral sideshift optional • bolt-on forks as standard
Type ZVP-H (elevated) for reach trucks 	Page 107 • T-profile guides • based on clamp design, opening range beyond frame • elevated frame, above the support arms of reach truck • without sideshift • bolt-on forks as standard • no loss of lifting height

Type ZVW, ZVW-S

Page 109-114

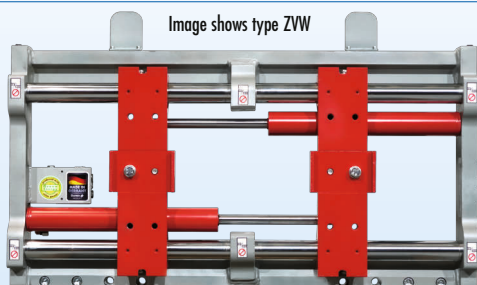


Image shows type ZVW

- robust, high-quality shaft guidance
- encapsulated grease chamber system
- torsion-resistant frame
- protected valve technology
- excellent visibility
- integral sideshift (ZVW), constant sideshift (ZVW-S) or no sideshift possible
- max. opening range within frame width
- no forks, for mounting of ISO forks (bolt-on forks retrofittable)
- low lost load centre

Type ZVW-G, ZVW-GS

Page 115-120

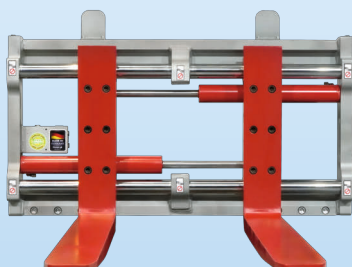


Image shows type ZVW-G

- robust, high-quality shaft guidance
- encapsulated grease chamber system
- torsion-resistant frame
- protected valve technology
- excellent visibility
- integral sideshift (ZVW), constant sideshift (ZVW-S) or no sideshift possible
- max. opening range within frame width
- bolt-on forks as standard, hook-on forks possible
- low lost load centre

Type DZVW-G, DZVW-GS

Page 121-122

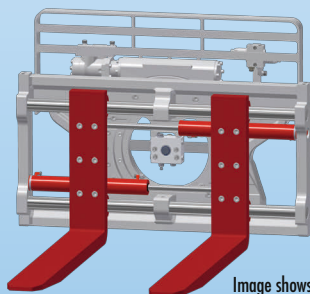


Image shows type DZVW-G

- 360° rotation
- robust, high-quality shaft guidance
- encapsulated grease chamber system
- torsion-resistant frame
- protected valve technology
- worm wheel-worm shaft drive
- no sideshift as standard (type DZVW-G) or with constant sideshift as standard (type DZVW-GS)
- bolt-on forks as standard

Type ZVW-I, ZVW-IG

Page 123-128

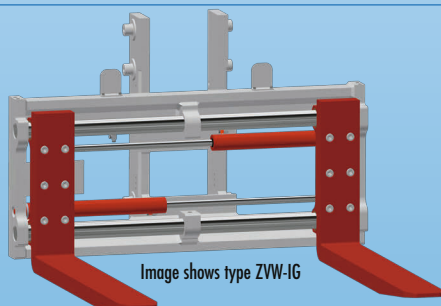


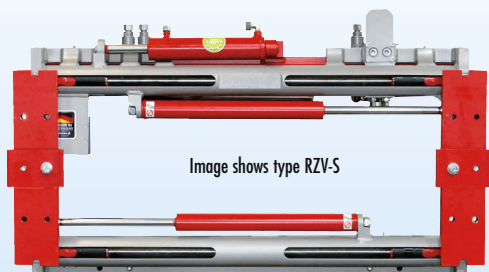
Image shows type ZVW-IG

- integrated version
- robust, high-quality shaft guidance
- encapsulated grease chamber system
- torsion-resistant frame
- protected valve technology
- integral sideshift as standard
- max. opening range within frame width
- with bolt-on forks or without forks

Durwen fork positioners overview

Type RZV-S, RZV

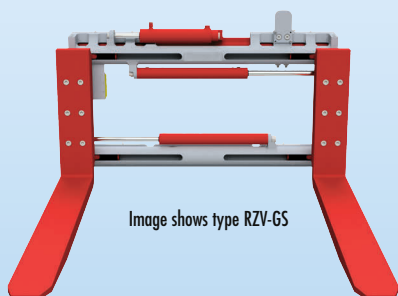
Page 130-137



- tube guides
- all-rounder
- opening range slightly outside frame width
- constant, integral or no sideshift possible
- without forks, for mounting of ISO forks (bolt-on forks retrofittable)
- suitable for long forks

Type RZV-GS, RZV-G

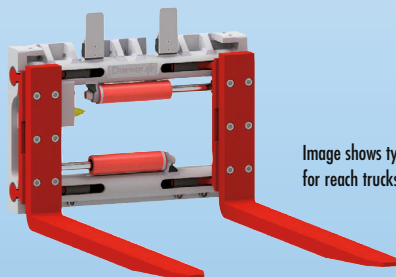
Page 138-143



- tube guides
- all-rounder
- opening range slightly outside frame width
- constant, integral or no sideshift possible
- bolt-on forks as standard, ISO forks possible
- suitable for long forks

Type RZV, RZV-G for reach trucks

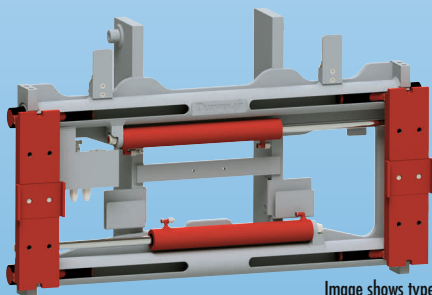
Page 144-145



- tube guides
- all-rounder
- version between support arms of reach truck
- frame width=max. opening range
- without sideshift, optional integral sideshift
- with bolt-on forks or without forks for mounting of ISO forks (bolt-on forks retrofittable)

Type RZV-I, RZV-IG

Page 146-150



- integrated version
- tube guides
- all-rounder
- opening range slightly outside frame width
- integral sideshift as standard, optional no sideshift
- with bolt-on forks or without forks for mounting of ISO forks (bolt-on forks retrofittable)
- suitable for long forks

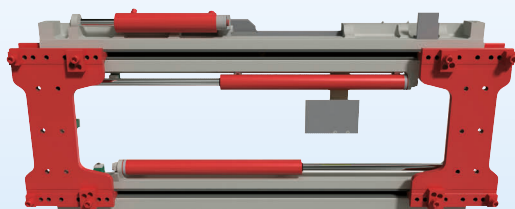
Type PZV-S, PZV, PZV-GS, PZV-G, PZV-GC**Page 155-160, 171**

Image shows type PZV-S

- T-profile guides
- opening range slightly outside frame width
- constant sideshift or integral sideshift
- with bolt-on forks or without forks for mounting of ISO forks (bolt-on forks retrofittable)
- suitable for long forks

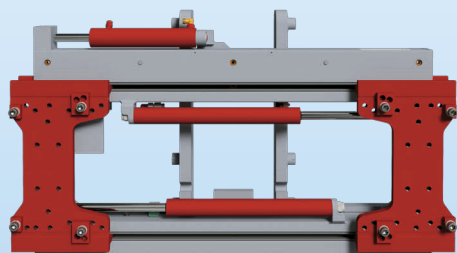
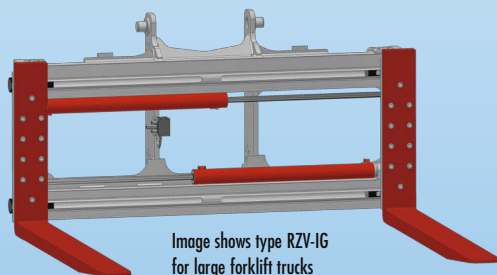
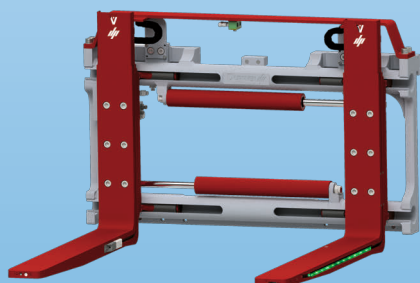
Type PZV-SI, PZV-GSI, PZV-I, PZV-GI**Page 161-170**

Image shows type PZV-SI

- integrated version
- T-profile guides
- opening range slightly outside frame width
- constant sideshift or integral sideshift
- with bolt-on forks or without forks for mounting of ISO forks (bolt-on forks retrofittable)
- suitable for long forks

Fork positioners for heavy forklift trucks**Page 172-175**Image shows type RZV-IG
for large forklift trucks

- for forklift trucks from 10 tons, up to 18 tons/1200 mm LC
- integrated version
- bolt-on forks as standard
- integral sideshift
- RZV-IG: tube guides, opening range slightly outside frame width
- ZVP-I: T-profile guides, based on clamp design, opening range outside of frame

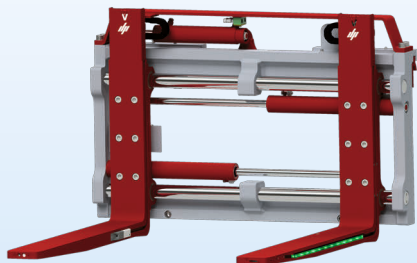
Type RZV-GS-SF, RZV-G-SF (multisense technology)**Page 176-188**

- tube guides
- various camera, laser, sensor and LED light versions
- bolt-on forks as standard
- constant sideshift (RZV-GS-SF) or integral sideshift (RZV-G-SF)
- plug and play connection as standard
- protection strip with integrated wire guiding as standard
- ready to install
- full online documentation

Durwen fork positioners overview

Type ZVW-GS-SF, ZVW-G-SF (multisense technology)

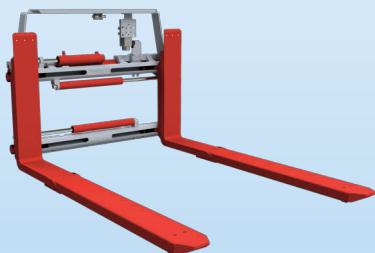
Page 189-196



- robust, high-quality shaft guidance
- various camera, laser, sensor and LED light versions
- bolt-on forks as standard
- constant sideshift (ZVW-GS-SF) or integral sideshift (ZVW-G-SF)
- plug and play connection as standard
- protection strip with integrated wire guiding as standard
- ready to install
- full online documentation

Type RZV-S-TGZ

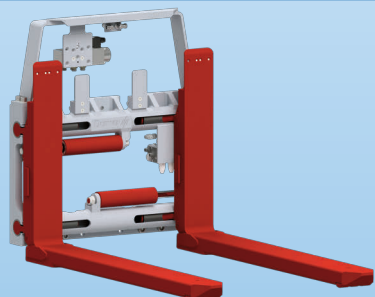
Page 203-205



- tube guides
- all-rounder
- hook-on telescopic forks, optional as bolt-on
- opening range slightly outside frame width
- constant sideshift as standard
- protection strip with integrated hose guiding as standard

Type RZV-TGZ for reach trucks

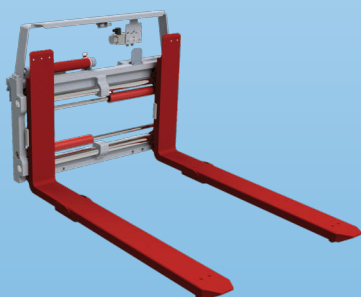
Page 206



- tube guides
- all-rounder
- reach truck version: without sideshift, small frame widths
- hook-on telescopic forks, optional as bolt-on
- opening range slightly outside frame width
- protection strip with integrated hose guiding as standard

Type ZVW-S-TGZ

Page 207-209



- robust, high-quality shaft guidance
- encapsulated grease chamber system
- max. opening range within frame width
- hook-on telescopic forks, optional as bolt-on
- constant sideshift as standard
- protection strip with integrated hose guiding as standard

Type PZV-TGZ, PZV-S-TGZ, PZV-SI-TGZ

Page 210-216

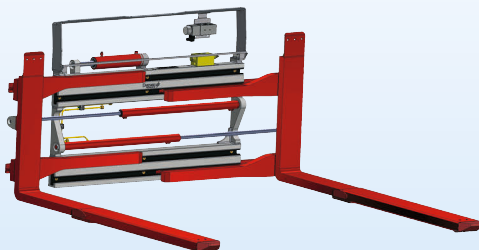


Image shows type PZV-S-TGZ

- T-profile guides
- different pre-set opening ranges
- hook-on telescopic forks, bolt-on optional
- allrounder
- opening slightly outside frame width
- constant or integral sideshift available
- protection strip with integrated hose guiding as standard

Type ZVP-TGZ, ZVP-S-TGZ

Page 217-221

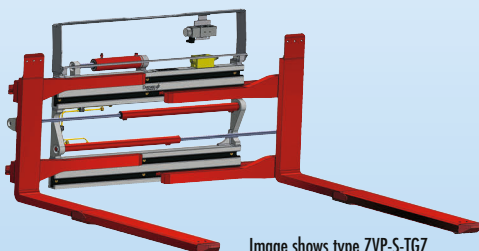
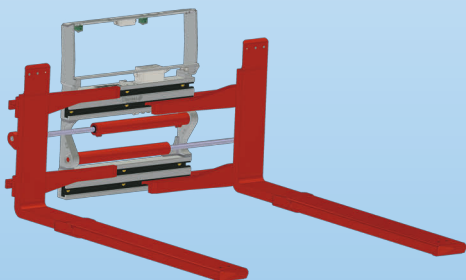


Image shows type ZVP-S-TGZ

- T-profile guides
- bolt-on telescopic forks as standard
- based on clamp design, opening range beyond frame width
- constant sideshift as standard, optional no sideshift
- protection strip with integrated hose guiding as standard

Type ZVP-TGZ for reach trucks

Page 222

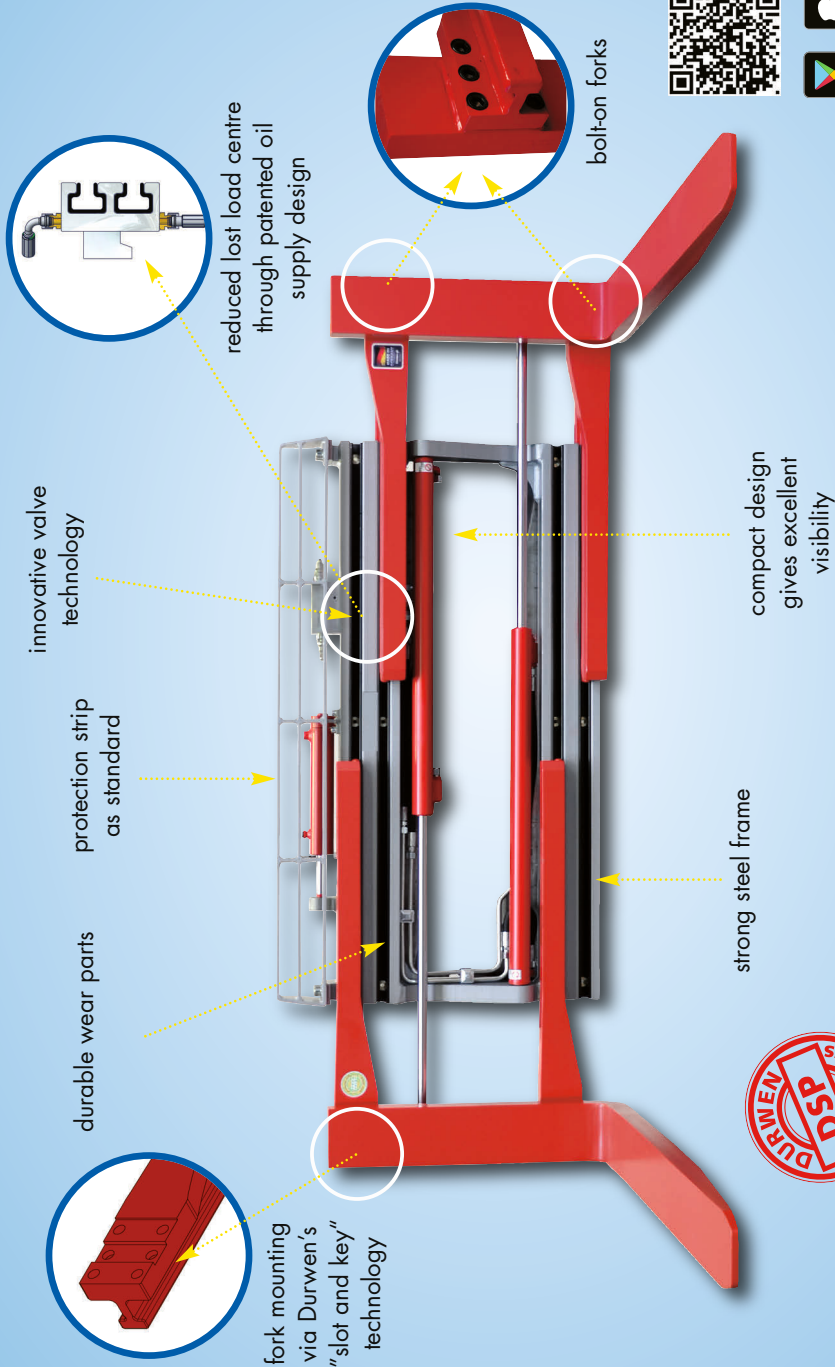


- T-profile guides
- reach truck version: without sideshift, small unit widths
- bolt-on telescopic forks as standard
- based on clamp design, opening range outside of frame
- protection strip with integrated hose guiding as standard



Fork positioner type ZVP-S

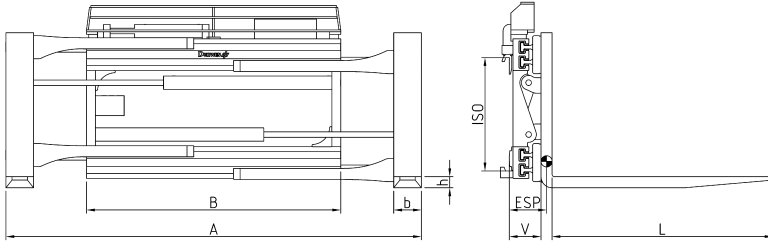
Durwen app



Sideshifting fork positioner

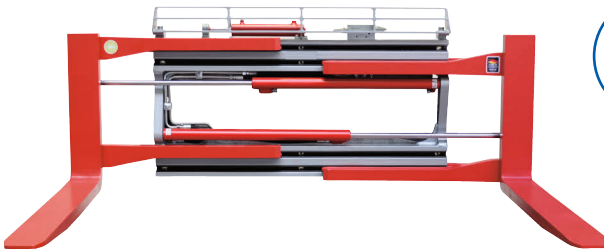
constant sideshift, bolt-on forks

The sideshifting fork positioner ZVP-S is designed to allow fork spread beyond the width of the carriage. This flexible feature is ideal in situations where space is important. A huge variety of loads can be handled with extreme efficiency. This strong and durable attachment has excellent visibility and minimised lost load centre with the use of innovative double T / E profiles. The attachment is equipped with constant sideshift and bolt-on forks as standard. Clamping of goods is not allowed with this attachment.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A OTO mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
ZVP 15-S	1500/500	1,0-1,5/500	II	880 980 1050	560-1610 560-1710 560-1780	100x40x1200	+/- 75 +/- 100 +/- 100	143	210 203 195	320 335 345
ZVP 20-S	2000/500	1,6-2,0/500		980 1050 1150	560-1710 560-1780 560-1880	100x45x1200	+/- 100	143	210 205 200	350 360 375
ZVP 25-S	2500/600	2,0-2,5/600		980 1050 1080	560-1710 560-1780 560-1810	125x45x1200	+/- 100	148	228 218 217	410 420 423
				1150 1150 1200	560-1880 320-1400 560-1930				212 208 210	435 430 444
				1400	560-2130				195	476

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- sideshift bottom rollers as standard
- with protection strip as standard
- load backrest type LS-K see page 239



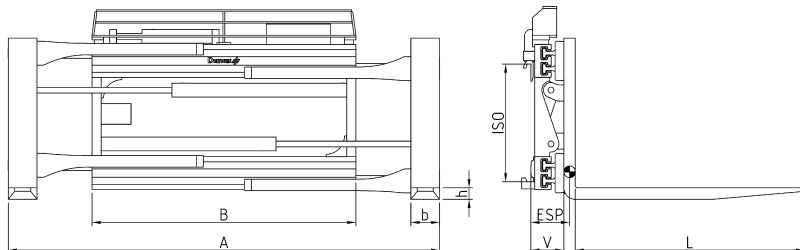
forks bolted from the rear

Sideshifting fork positioner

ZVP-S
ISO III

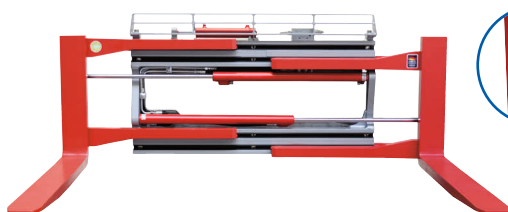
constant sideshift, bolt-on forks

The sideshifting fork positioner ZVP-S is designed to allow fork spread beyond the width of the carriage. This flexible feature is ideal in situations where space is important. A huge variety of loads can be handled with extreme efficiency. This strong and durable attachment has excellent visibility and minimised lost load centre with the use of innovative double T / E profiles. The attachment is equipped with constant sideshift and bolt-on forks as standard. Clamping of goods is not allowed with this attachment.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A OTO mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
ZVP 30-S	3000/500	3,0/500	III	980 1000 1050 1150 1150 1200 1300 1350 1450	560-1710 560-1730 560-1780 560-1880 440-1640 560-1930 560-2030 560-2080 560-2180	125x45x1200	+/- 100	148	217 217 213 205 212 209 202 200 195	425 427 435 450 446 458 472 480 497
ZVP 35-S	3500/500	3,0/600- 3,5/500		1150 1250 1350	560-1880 560-1980 560-2080	140x50x1200			232 230 228	505 525 545
ZVP 40-S	4000/500	3,5/600- 4,0/500		1150 1250 1350 1450	550-1860 550-1960 550-2060 550-2160	140x50x1200		155	210 206 203 198	625 642 660 678
ZVP 45-S	5000/500	4,0/600- 5,0/500		1150 1250 1350 1450 1550	550-1860 550-1960 550-2060 550-2160 550-2260	150x60x1200		165	205 204 203 202 201	680 700 720 740 760
ZVP 48-S	5000/600	5,0/600		1350 1450 1550	550-2060 550-2160 550-2260	150x60x1200		175	195 193 190	790 800 810

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- sideshift bottom rollers as standard
- with protection strip as standard
- load backrest type LS-K see page 239



forks bolted from the rear

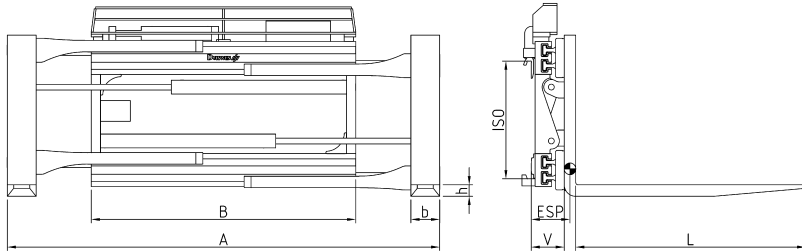
DURWEN
Forklift Attachments

More than 75 years experience

Sideshifting fork positioner

constant sideshift, bolt-on forks

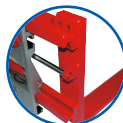
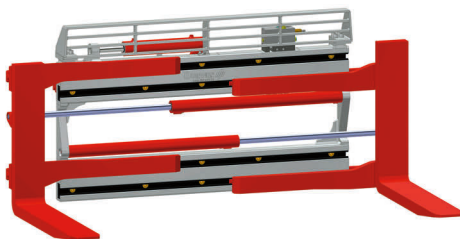
The sideshifting fork positioner ZVP-S is designed to allow fork spread beyond the width of the carriage. This flexible feature is ideal in situations where space is important. A huge variety of loads can be handled with extreme efficiency. This strong and durable attachment has excellent visibility and minimised lost load centre with the use of innovative double T / E profiles. The attachment is equipped with constant sideshift and bolt-on forks as standard. Clamping of goods is not allowed with this attachment.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A OTO mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg								
ZVP 50-S	5000/600	5,0/600	IV	1350 1450 1550 1800	550-2060 550-2160 550-2260 550-2510	150x60x1200	+/- 100 +/- 100 +/- 160 +/- 160	179	200 198 196 190	870 880 890 945								
ZVP 60-S	6000/600	6,0/600		1450 1550 1750 1800 2000	550-2160 550-2260 550-2460 550-2510 550-2710		150x65x1200		+/- 100 +/- 160 +/- 160 +/- 160 +/- 160	179	225 210 205 203 200	890 910 960 970 1030						
ZVP 80-S	8000/600	7,0-8,0/600		1750 1800 1850 1950 2000 2200	560-2460 560-2510 560-2560 560-2660 560-2710 560-2910				200x70x1200		+/- 160	198	220 217 215 210 208 195	1430 1450 1470 1510 1520 1590				
ZVP 100-S	8000/900	8,0/900		1950 2000 2100 2200 2400	560-2600 560-2650 560-2750 560-2850 560-3050								200x80x1200	+/- 160	207	215 213 210 205 195	1660 1680 1720 1760 1840	
ZVP 110-S	8000/1100	8,0/1100		2200 2400	560-2750 560-2950	200x80x1200		+/- 160								216	220 215	2090 2220

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard

- sideshift bottom rollers as standard
- with protection strip as standard
- load backrest type LS-K see page 239



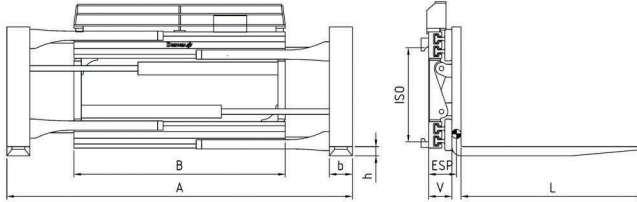
forks bolted from the rear

Sideshifting fork positioner

ZVP
ISO II/III

integral sideshift, bolt-on forks

The **sideshifting fork positioner ZVP** is designed to allow fork spread beyond the width of the carriage. This flexible feature is ideal in situations where space is important. A huge variety of loads can be handled with extreme efficiency. This strong and durable attachment has excellent visibility and minimised lost load centre with the use of innovative double T / E profiles. The attachment is equipped with integral sideshift and bolt-on forks as standard. Clamping of goods is not allowed with this attachment.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A OTO mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
ZVP 15	1500/500	1,0-1,5/500	II	880 980 1050	560-1610 560-1710 560-1780	100x40x1200	126	220 213 205	305 315 325
ZVP 20	2000/500	1,6-2,0/500	II	980 1050 1150	560-1710 560-1780 560-1880	100x45x1200	126	220 212 205	330 340 360
ZVP 25	2500/600	2,0-2,5/600	II	980 1050 1050 1080 1150 1150 1150 1200 1400	560-1710 560-1780 360-1380 560-1810 560-1880 420-1600 320-1400 560-1930 560-2130	125x45x1200	131	238 228 228 227 222 220 218 215 200	390 400 395 405 415 413 410 422 455
ZVP 30	3000/500	3,0/500	III	980 1000 1050 1150 1150 1200 1300 1350 1450	560-1710 560-1730 560-1780 560-1880 420-1600 560-1930 560-2030 560-2080 560-2180	125x45x1200	131	227 226 223 215 217 216 212 210 200	405 407 415 430 425 438 452 460 478
ZVP 35	3500/500	3,0/600- 3,5/500	III	1150 1250 1350	560-1880 560-1980 560-2080	140x50x1200	136	242 240 238	485 505 525
ZVP 40	4000/500	3,5/600- 4,0/500	III	1150 1250 1350 1450	550-1860 550-1960 550-2060 550-2160	140x50x1200	138	220 217 213 210	585 605 620 638
ZVP 45	5000/500	4,0/600- 5,0/500	III	1150 1250 1350 1450 1550	550-1860 550-1960 550-2060 550-2160 550-2260	150x60x1200	148	220 217 215 213 210	630 645 665 680 700
ZVP 48	5000/600	5,0/600	III	1350 1450	550-2060 550-2160	150x60x1200	158	205 200	690 715

- 2 hydraulic functions required
- includes hoses and couplings
- with protection strip as standard

- load backrest type LS-K see page 239

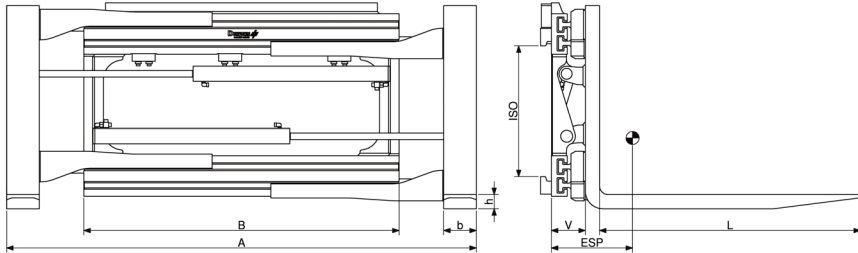
DURWEN
Forklift Attachments

More than 75 years experience

Sideshifting fork positioner

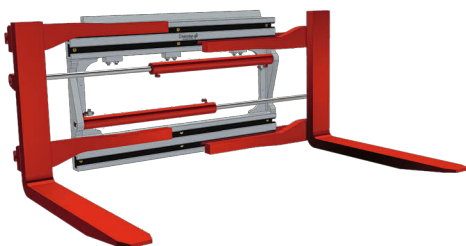
integral sideshift, bolt-on forks

The sideshifting fork positioner ZVP is designed to allow fork spread beyond the width of the carriage. This flexible feature is ideal in situations where space is important. A huge variety of loads can be handled with extreme efficiency. This strong and durable attachment has excellent visibility and minimised lost load centre with the use of innovative double T / E profiles. The attachment is equipped with integral sideshift and bolt-on forks as standard. Clamping of goods is not allowed with this attachment.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A OTO mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
ZVP 50	5000/600	5,0/600	IV	1250 1350 1450 1550 1800	550-1960 550-2060 550-2160 550-2260 550-2510	150x60x1200	158	225 223 218 206 195	755 775 790 810 860
ZVP 60	6000/600	6,0/600		1300 1450 1550 1750 1800 2000	550-2010 550-2160 550-2260 550-2460 550-2510 550-2710	150x65x1200	158	235 230 220 215 205 190	790 815 830 880 895 990
ZVP 80	8000/600	7,0-8,0/600		1350 1750 1800 1850 1950 2000 2200	560-2060 560-2460 560-2510 560-2560 560-2660 560-2710 560-2910	200x70x1200	177	245 230 228 225 220 215 210	1245 1350 1370 1390 1430 1450 1510
ZVP 100	8000/900	8,0/900		1950 2000 2100 2200 2400	560-2600 560-2650 560-2750 560-2850 560-3050	200x80x1200	185	225 222 220 215 215	1580 1610 1640 1680 1770
ZVP 110	8000/1100	8,0/1100		2200 2400	560-2750 560-2950	200x80x1200	195	230 225	1940 2070

- 2 hydraulic functions required
- includes hoses and couplings
- load backrest type LS-K see page 239

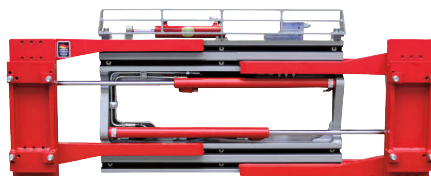
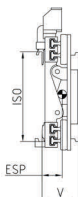
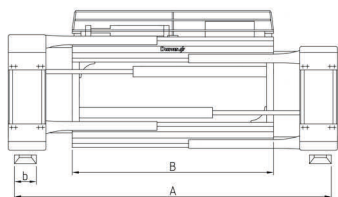


Sideshifting fork positioner

ZVP-AS

constant sideshift, ISO adaptors

The **sideshifting fork positioner ZVP-AS** allows the use of standard forklift truck forks and is designed to allow fork spread beyond the width of the carriage. This flexible feature is ideal in situations where space is important. This strong and durable attachment has excellent visibility and minimised lost load centre with the use of innovative double T / E profiles. The attachment is equipped with constant sideshift and bolt-on ISO adaptors for standard hook-on forks.



adaptors allow the use of hook-on forks

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A OTO mm	sideshift mm	b for forks mm	V LLC mm	ESP COG mm	weight kg
ZVP 20-AS	2000/500	1,0-2,0/500	II	980	560-1710	+/- 100	80-140	196	85	320
				1050	560-1780				83	330
				1150	560-1880				80	350
ZVP 25-AS	2500/600	2,0-2,5/600	II	980	560-1710	+/- 100	80-150	201	87	330
				1050	560-1780				86	340
				1080	560-1810				85	345
				1150	560-1880				85	360
				1150	400-1560				83	365
				1200	560-1930				80	385
				1400	560-2130				75	415
ZVP 30-AS	3000/500	3,0/500	III	980	560-1710	+/- 100	80-150	211	91	350
				1000	560-1730				91	353
				1050	560-1780				90	365
				1150	560-1880				88	385
				1150	420-1600				88	390
				1200	560-1930				88	402
				1300	560-2030				87	416
				1350	560-2080				87	420
				1450	560-2180				85	450
ZVP 35-AS	3500/500	3,0/600- 3,5/500	III	1150	560-1880	+/- 100	80-150	216	91	395
				1250	560-1980				90	410
				1350	560-2080				89	430
ZVP 40-AS	4000/500	3,5/600- 4,0/500	III	1150	550-1860	+/- 100	100-150	223	90	490
				1250	550-1960				89	510
				1350	550-2060				88	530
				1450	550-2160				87	550
ZVP 45-AS	5000/500	4,0/600- 5,0/500	III	1250	550-1960	+/- 100	100-150	238	94	545
				1350	550-2060				93	565
				1450	550-2160				92	580
				1550	550-2260				91	595
ZVP 48-AS	5000/600	5,0/600	III	1350	550-2060	+/- 100	100-150	248	101	610
				1450	550-2160				100	625
				1550	550-2260				99	640
ZVP 50 AS	5000/600	5,0/600	IV	1350	550-2060	+/- 100	100-160	269	102	715
				1450	550-2160	+/- 100			100	735
				1550	550-2260	+/- 160			99	755
				1800	550-2510	+/- 160			95	810

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- sideshift rollers as standard
- protection strip as standard

- load backrest type LS-K see page 239
- adaptors allow the use of hook-on forks
- no clamping allowed

- forks not included, use hook-on forks ISO 2328

DURWEN
Forklift Attachments

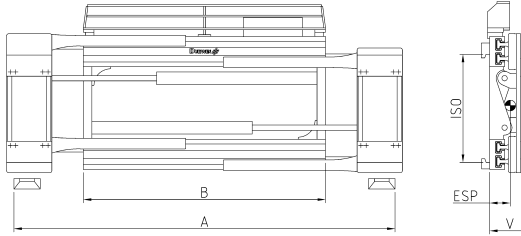
More than 75 years experience

Sideshifting fork positioner

ZVP-A

integral sideshift, ISO adaptors

The **sideshifting fork positioner ZVP-A** allows the use of standard forklift truck forks and is designed to allow fork spread beyond the width of the carriage. This flexible feature is ideal in situations where space is important. This strong and durable attachment has excellent visibility and minimised lost load centre with the use of innovative double T / E profiles. The attachment is equipped with integral sideshift and bolt-on ISO adaptors for standard hook-on forks. Fully open or closed no sideshift.



type	capacity kg/mm LC	lift truck to LC mm	ISO	B mm	A OTO mm	b for forks mm	V LLC mm	ESP COG mm	weight kg
ZVP 20-A	2000/500	1,0-2,0/500	II	980 1050 1150	560-1710 560-1780 560-1880	80-140	179	74 72 70	280 290 310
ZVP 25-A	2500/600	2,0-2,5/600	II	980 1050 1080 1150 1150 1200 1400	560-1710 560-1780 560-1810 560-1880 420-1600 560-1930 560-2130	80-150	184	76 74 73 72 72 71 70	300 320 330 345 340 355 385
ZVP 30-A	3000/500	3,0/500	III	980 1000 1050 1150 1150 1200 1300 1350 1450	560-1710 560-1730 560-1780 560-1880 420-1600 560-1930 560-2030 560-2080 560-2180	80-150	194	78 77 76 75 75 74 74 74 73	330 333 340 375 370 377 391 395 425
ZVP 35-A	3500/500	3,0/600- 3,5/500	III	1150 1250 1350	560-1880 560-1980 560-2080	100-150	199	78 76 74	380 395 410
ZVP 40-A	4000/500	3,5/600- 4,0/500	III	1150 1250 1350 1450	550-1860 550-1960 550-2060 550-2160	100-150	206	78 77 76 75	470 490 510 530
ZVP 45-A	5000/500	4,0/600-5,0/500	III	1250 1350 1450 1550	550-1960 550-2060 550-2160 550-2260	100-150	221	83 81 79 78	508 530 547 565
ZVP 48-A	5000/600	5,0/600	III	1350 1450	550-2060 550-2160	100-150	231	88 86	610 640
ZVP 50-A	5000/600	5,0/600	IV	1350 1450 1550 1800	550-2060 550-2160 550-2260 550-2510	100-160	248	102 100 98 95	710 730 750 800

- 2 hydraulic functions required
- includes hoses and couplings
- load backrest type LS-K see page 239
- protection strip as standard
- if no sideshift required indicate on your order

- no clamping allowed
- forks not included, use hook-on forks ISO 2328

DURWEN
Forklift Attachments

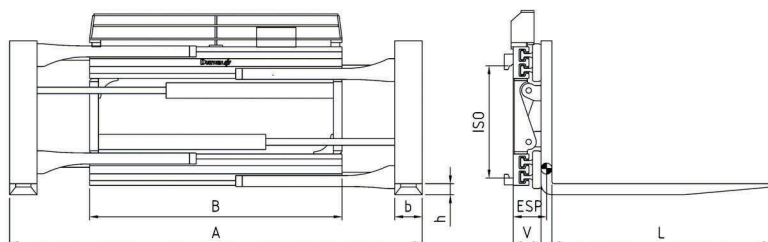
More than 75 years experience

Wide opening fork positioner for reach trucks

ZVP

no sideshift, bolt-on forks

The fork positioner ZVP can spread the forks beyond the frame width. It is ideal for long goods or very wide pallets. This model range features a small frame that supports the configuration of reach trucks. Clamping of goods is not allowed.

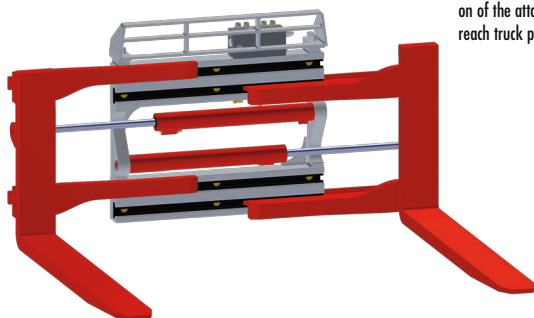


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A OTO mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
ZVP 15	1500/500	1,0-1,5/500	II	720 750 800 880	560-1450 560-1480 560-1530 560-1610	100x40x1200	126	232 229 224 220	305 308 313 325
ZVP 20	2000/500	1,6-2,0/500		720 750 800 880	560-1450 560-1480 560-1530 560-1610	100x45x1200	126	239 236 231 227	320 323 328 340
ZVP 25	2500/600	2,0-2,5/600		720 750 800 880 880	560-1450 560-1480 560-1530 560-1610 380-1250	125x45x1200	131	252 249 246 242 240	355 358 363 375 357

- 1 hydraulic function required
(2 hydraulic functions with integral sideshift)
- includes hoses and couplings
- protection strip as standard
- integral sideshift upon request
- no clamping allowed
- LLC spacer kit upon request (can increase LLC in steps up to 50 mm)
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)

- maximal fork length type ZVP-H 1200 mm, other length upon request
- longer fork drop for ZVP 15, 20 and 25 upon request
- load backrest type LS-K see page 239

Important note: The reach truck must be equipped with a collision prevention that prevents collision of fork positioner parts with the wheel legs or parts of the reach truck. This means usually that fork positioning and sideshift must be shut off with the attachment between the wheel legs. The reach truck carriage design must accommodate the mounting of an attachment. A spacer kit is available from Durwen. It allows the extension of the attachment mounting up to 50 mm giving extra space for carriage parts or reach truck parts that may protrude into the attachment mounting or operation space.



DURWEN
Forklift Attachments

More than 75 years experience

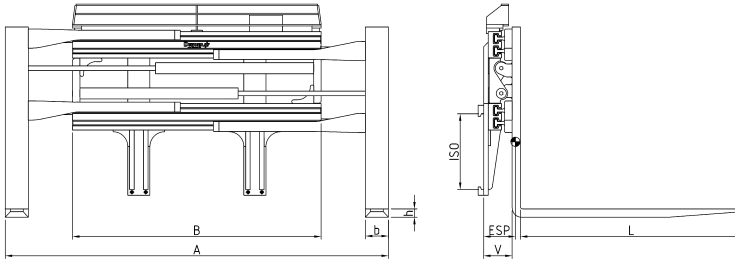
Reach truck fork positioner

ZVP-H

Wide opening, enlarged ground clearance, no loss of lift height

no sideshift, bolt-on fork

The **fork positioner ZVP-H** can spread the forks beyond the frame width. It is ideal for long goods or very wide pallets. Due to the enlarged ground clearance the attachment frame is above the reach truck wheel legs. With the mounting being designed to meet the regular mounting height of the reach truck no lift height will be lost. Clamping of goods is not allowed.

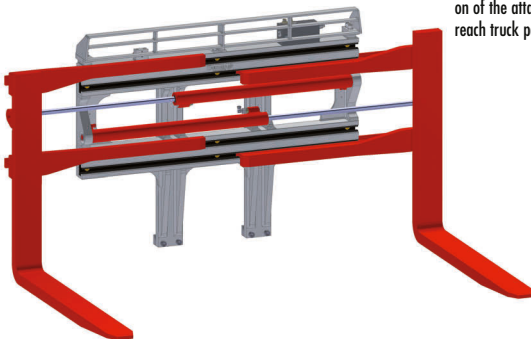


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A OTO mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
ZVP 15-H	1500/500	1,0-1,5/500	II	1150	560-1880	100x45x1200	159	215	530
				1200	560-1930			213	540
				1250	560-1980			210	545
				1350	560-2080			205	560
ZVP 25-H	2500/600	1,6-2,5/600		1150	560-1880	125x50x1200		220	580
				1200	560-1930			218	590
				1250	560-1980			215	595
				1350	560-2080			210	610

- 1 hydraulic function required
(2 hydraulic functions with integral sideshift)
- includes hoses and couplings
- protection strip as standard
- integral sideshift upon request
- no clamping allowed
- LLC spacer kit upon request (can increase LLC in steps up to 50 mm)
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)

- maximal fork length type ZVP-H 1200 mm, other length upon request
- longer fork drop for ZVP 15 and 25 upon request
- load backrest type LS-K see page 239

Important note: The reach truck must be equipped with a collision prevention that prevents collision of fork positioner parts with the wheel legs or parts of the reach truck. This means usually that fork positioning and sideshift must be shut off with the attachment between the wheel legs. The reach truck carriage design must accommodate the mounting of an attachment. A spacer kit is available from Durwen. It allows the extension of the attachment mounting up to 50 mm giving extra space for carriage parts or reach truck parts that may protrude into the attachment mounting or operation space.



DURWEN
Forklift Attachments

More than 75 years experience

Fork positioner type ZVW-G

Durwen app



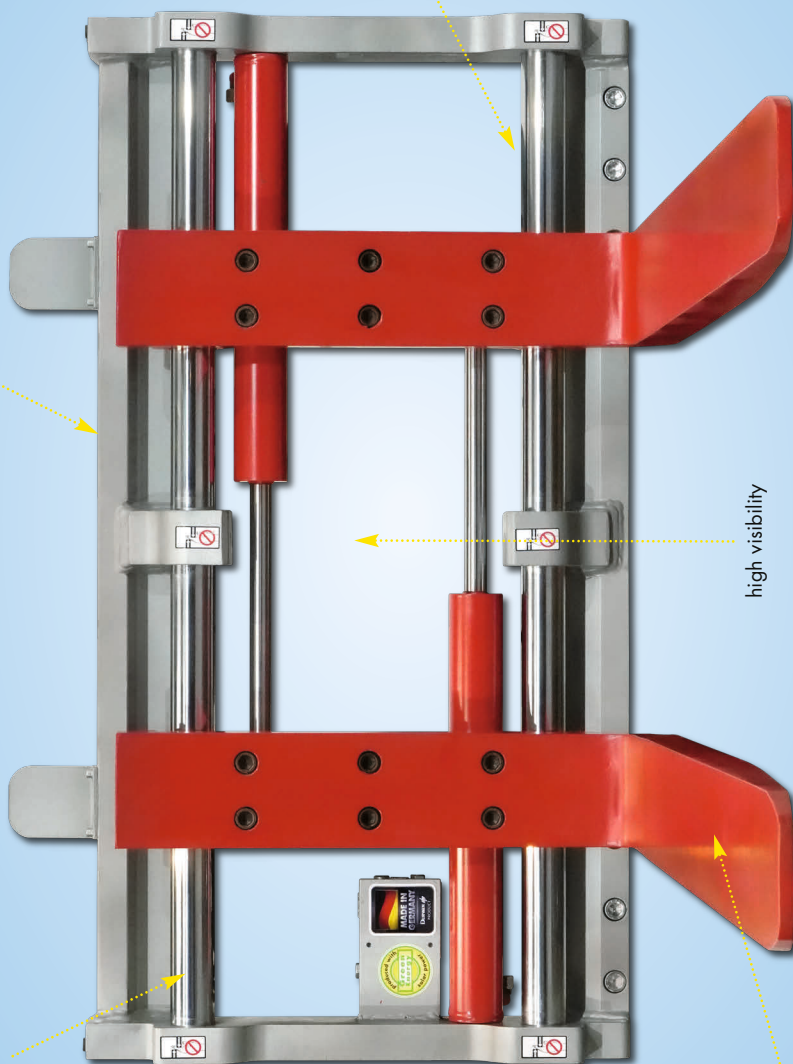
sealed
bearings

strong welded
frame

high visibility

low maintenance chrome shafts

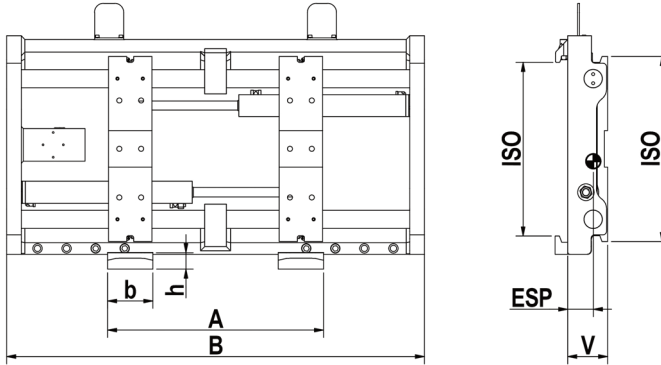
bolt-on or hook-on
forks possible



Fork positioner

integral sideshift, no forks

The high-performance fork positioner ZVW offers outstanding durability and excellent visibility. The double chrome axis guideways is particularly clean and enables precise fork positioning due to high-quality hydraulics. Standard forks with ISO mounting or bolt-on forks may be used. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.

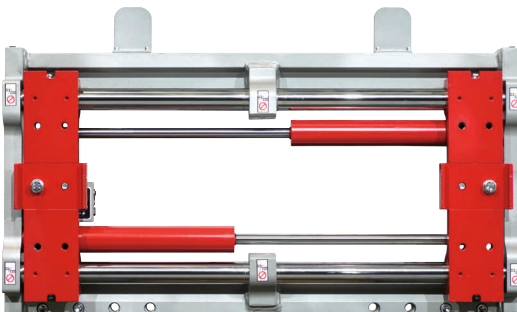


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	b mm	V LLC mm	ESP COG mm	weight kg
ZVW 25	2500/500	1,5 - 2,5/500	II	980	320-880	120	107	47	141
				1040	320-940			47	151
				1150	320-1050			46	160
				1200	320-1100			46	165
				1350	320-1250			45	176
ZVW 28	2500/600	2,5/600		1040	320-940			47	151
				1150	320-1050			46	160
				1200	320-1100			46	165
				1350	320-1250			45	176

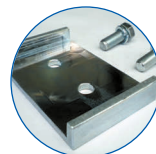
- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- hook-on or bolt-on forks can be used

- forks not included
- please indicate fork width when ordering
- load backrest/protection strip see page 240

- if you don't want sideshift notify us on your order
- clamping of goods is not allowed



option: protection strip



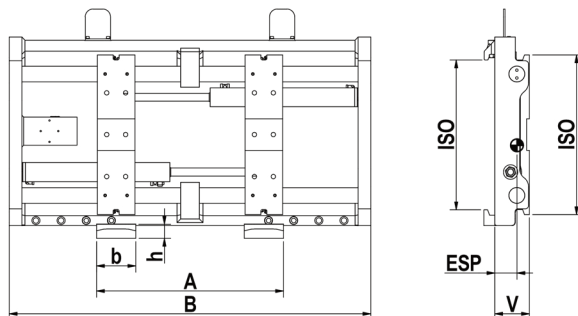
fork lock

Fork positioner

ZVW
ISO III

integral sideshift, no forks

The high-performance fork positioner ZVW offers outstanding durability and excellent visibility. The double chrome axis guideways is particularly clean and enables precise fork positioning due to high-quality hydraulics. Standard forks with ISO mounting or bolt-on forks may be used. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.

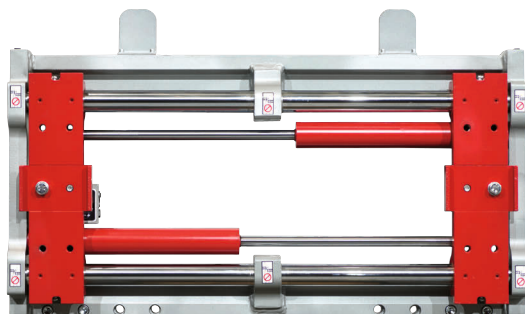


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	b mm	V LLC mm	ESP COG mm	weight kg
ZVW 30	3000/500	3,0/500	III	1040	320-940	120	110	48	184
				1150	320-1050			46	193
				1200	320-1100			46	198
				1300	320-1200			45	209
				1350	320-1250			45	214
ZVW 35	3500/500	3,0/600-3,5/500		1150	320-1050	120	110	46	193
				1200	320-1100			46	198
				1300	320-1200			45	209
				1350	320-1250			45	214
ZVW 45	5000/600	3,5/600-5,0/600		1150	370-1050	140	133	57	262
				1250	370-1150			57	277
				1350	370-1250			56	292
				1450	370-1350			56	310
				1550	370-1450			55	328
				1750*	370-1650			54	358
			2000**	370-1900	54			395	

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- hook-on or bolt-on forks can be used
- forks not included

- please indicate fork width when ordering
- load backrest/protection strip see page 240
- if you don't want sideshift notify us on your order

- clamping of goods is not allowed
- * minimum truck carriage width: 1450 mm
- ** minimum truck carriage width: 1750 mm



option: protection strip



fork lock

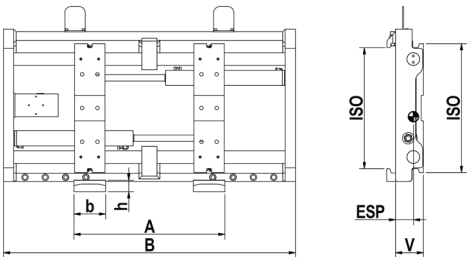
DURWEN
Forklift Attachments

More than 75 years experience

Fork positioner

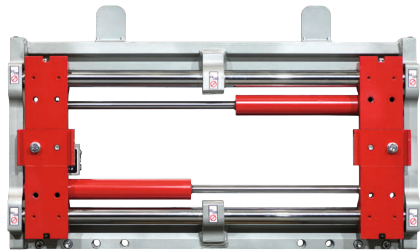
integral sideshift, no forks

The high-performance fork positioner ZVW offers outstanding durability and excellent visibility. The double chrome axis guideways is particularly clean and enables precise fork positioning due to high-quality hydraulics. Standard forks with ISO mounting or bolt-on forks may be used. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.

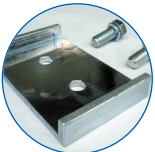


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	b mm	V LLC mm	ESP COG mm	weight kg
ZVW 50	5000/600	5,0/600	IV	1350 1450 1550	370-1250 370-1350 370-1450	140	133	52 51 50	376 393 410
ZVW 60	6000/600	6,0/600		1460 1660 1860	380-1340 380-1540 380-1740	150	143	58 57 56	462 489 516
ZVW 70	7000/600	6,5-7,0/600		1460 1860 2060	380-1340 380-1740 380-1940	150	170	69 68 67	571 662 720
ZVW 80	8000/600	8,0/600		1460 1800 1860 2060 2160 2260 2400	480-1340 480-1680 480-1740 480-1940 480-2040 480-2140 480-2280	200	170	71 71 70 69 69 69 68	585 673 688 740 768 795 830
ZVW 100	8000/900	8,0/900		2060 2160 2260 2400	480-1940 480-2040 480-2140 480-2280	200	195	78 78 77 77	996 1030 1066 1120
ZVW 110	8000/1100	8,0/1100		2060 2260 2400	480-1940 480-2140 480-2280	200	210	86 85 84	1071 1150 1200

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- hook-on or bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- load backrest/protection strip see page 240
- if you don't want sideshift notify us on your order
- clamping of goods is not allowed



option: protection strip



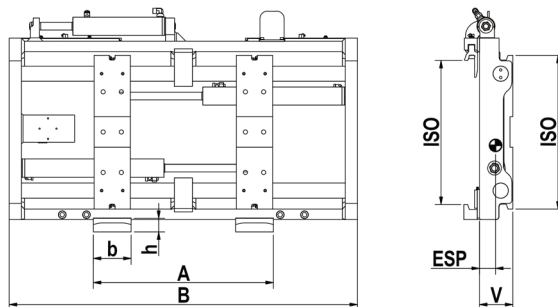
fork lock

Fork positioner

ZVW-S
ISO II

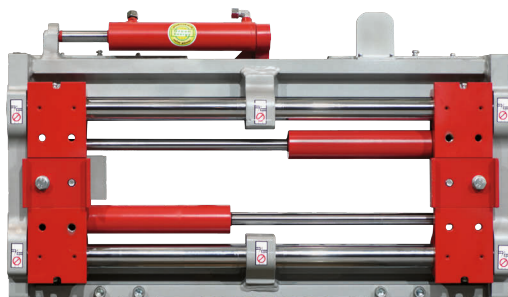
constant sideshift, no forks

The high-performance fork positioner ZVW-S offers outstanding durability and excellent visibility. The double chrome axis guideways is particularly clean and enables precise fork positioning due to high-quality hydraulics. Standard forks with ISO mounting or bolt-on forks may be used. The constant sideshift operates at every fork position. This means that a separate cylinder moves the complete frame.

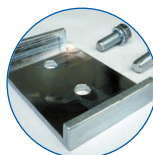


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	b mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
ZVW 20-S	2000/500	1,0-2,0/500	II	980 1040 1150	320-880 320-940 320-1050	120	+/- 100	124	53 53 52	181 191 203
ZVW 25-S	2500/500	2,0-2,5/500		980 1040 1150 1200 1350	320-880 320-940 320-1050 320-1100 320-1250				53 52 52 52 51	185 192 204 210 225
ZVW 28-S	2500/600	2,5/600		1040 1150 1200 1350	320-940 320-1050 320-1100 320-1250				52 52 52 51	192 204 210 225

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- hook-on or bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- load backrest/protection strip see page 240
- clamping of goods is not allowed



option: protection strip



fork lock

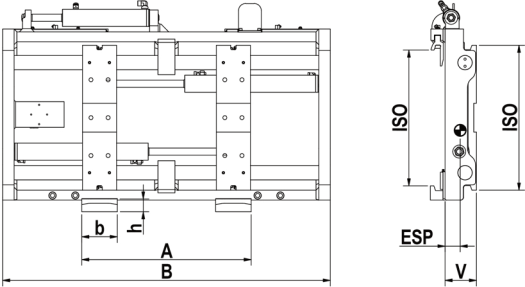
DURWEN 
Forklift Attachments

More than 75 years experience

Fork positioner

constant sideshift, no forks

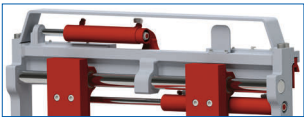
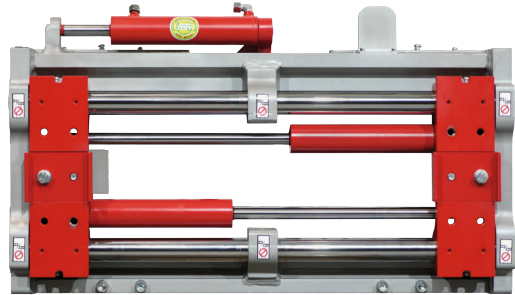
The high-performance fork positioner ZVW-S offers outstanding durability and excellent visibility. The double chrome axis guideways is particularly clean and enables precise fork positioning due to high-quality hydraulics. Standard forks with ISO mounting or bolt-on forks may be used. The constant sideshift operates at every fork position. This means that a separate cylinder moves the complete frame.



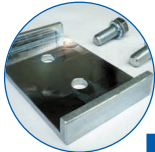
type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	b mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
ZVW 30-S	3000/500	3,0/500	III	1040	320-940	120	+/- 100	127	54	208
				1150	320-1050				54	219
				1200	320-1100				54	225
				1300	320-1200				54	238
				1350	320-1250				54	244
ZVW 35-S	3500/500	3,0/600-3,5/500		1150	320-1050	120		127	55	222
				1200	320-1100				55	228
				1300	320-1200				54	239
				1350	320-1250				54	244
ZVW 45-S	5000/600	3,5-5,0/600		1150	370-1050	140		150	66	303
				1250	370-1150		66		320	
				1350	370-1250		65		336	
				1450	370-1350		65		353	
				1550	370-1450		64		370	
				1750*	370-1650		64		402	
				2000**	370-1900		62		444	

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- hook-on or bolt-on forks can be used
- forks not included
- please indicate fork width when ordering

- load backrest/protection strip see page 240
- clamping of goods is not allowed
- * minimum truck carriage width: 1450 mm
- ** minimum truck carriage width: 1750 mm



option: protection strip



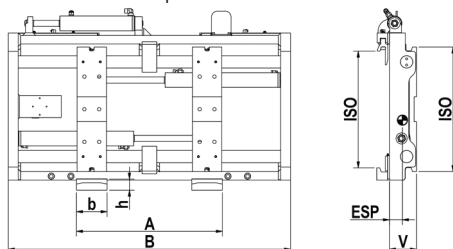
fork lock

Fork positioner

ZVW-S
ISO IV

constant sideshift, no forks

The high-performance fork positioner ZVW-S offers outstanding durability and excellent visibility. The double chrome axis guideways is particularly clean and enables precise fork positioning due to high-quality hydraulics. Standard forks with ISO mounting or bolt-on forks may be used. The constant sideshift operates at every fork position. This means that a separate cylinder moves the complete frame.

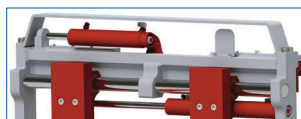
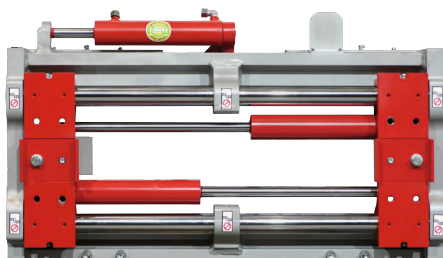


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	b mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
ZVW 50-S	5000/600	5,0/600	IV	1350 1450 1550	370-1250 370-1350 370-1450	140	+/- 100	156	61	437 455 473
ZVW 60-S	6000/600	6,0/600		1460 1660 1860	380-1340 380-1540 380-1740	150	+/- 100 +/- 160 +/- 160	166	65	560 595 630
ZVW 70-S	7000/600	6,5-7,0/600		1460 1860 2060	380-1340 380-1740 380-1940	150	+/- 100 +/- 160 +/- 160	193	79	682 776 822
ZVW 80-S	8000/600	8,0/600		1460 1800 1860 2060 2160 2260 2400	480-1340 480-1680 480-1740 480-1940 480-2040 480-2140 480-2280	200	+/- 100 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160	193	83 82 82 81 81 81 81	685 785 802 866 890 915 950
				2060 2160 2260 2400	480-1940 480-2040 480-2140 480-2280		+/- 160		95 95 95 93	1090 1120 1150 1198
				2060 2260 2400	480-1940 480-2140 480-2280		+/- 160		100 101 101	1165 1230 1280
ZVW 100-S	8000/900	8,0/900		2060 2160 2260 2400	480-1940 480-2040 480-2140 480-2280	200	+/- 160	210	95 95 95 93	1090 1120 1150 1198
ZVW 110-S	8000/1100	8,0/1100		2060 2260 2400	480-1940 480-2140 480-2280	200	+/- 160	233	100 101 101	1165 1230 1280

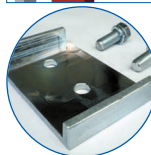
- 2 hydraulic functions required
- includes hoses and couplings

- constant sideshift as standard
- hook-on or bolt-on forks can be used
- forks not included

- please indicate fork width when ordering
- load backrest/protection strip see page 2400
- clamping of goods is not allowed



option: protection strip



fork lock

DURWEN
Forklift Attachments

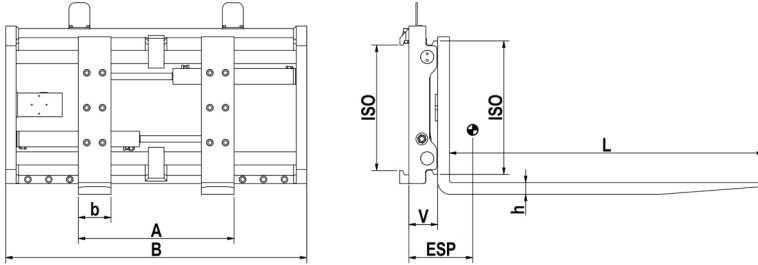
More than 75 years experience

Fork positioner

integral sideshift, bolt-on forks

The high-performance fork positioner ZVW-G offers outstanding durability and excellent visibility.

The double chrome axis guideways is particularly clean and enables precise fork positioning due to high-quality hydraulics. The bolt-on forks are firmly attached to the carriers and provide smooth running and precision even in quick operation. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.

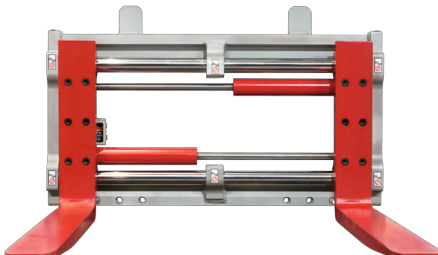


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg						
ZVW 16-G*	1600/500	1,0-1,6/500	II	850 980 1040	300-730 300-860 300-920	100x40x1200	107	239 232 228	227 240 244						
ZVW 20-G*	2000/500	1,8-2,0/500		850 980 1040 1150	300-730 300-860 300-920 300-1030	100x45x1200		255 249 245 240	245 252 257 264						
				ZVW 25-G*	2500/500	2,5/500		980 1040 1150 1200 1350	320-880 320-940 320-1050 320-1100 320-1250	120x40x1200	261 257 250 247 238	261 266 275 280 292			
								ZVW 28-G*	2500/600	2,5/600	1040 1150 1200 1350	325-945 325-1055 325-1105 325-1255	125x45x1200	275 268 260 238	286 295 300 311

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- features bolt-on forks as standard

- also for hook-on forks ISO 2328
- load backrest/protection strip see page 240

- clamping of goods is not allowed
- if you don't want sideshift notify us on your order



option: protection strip

*Forks longer 1600 mm
cross section changes

type	forks b x h mm
ZVW 16-G	100x50
ZVW 20-G	100x50
ZVW 25-G	120x50
ZVW 28-G	125x50

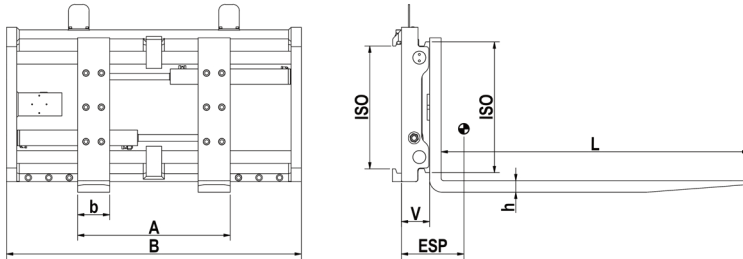
Fork positioner

ZVW-G
ISO III

integral sideshift, bolt-on forks

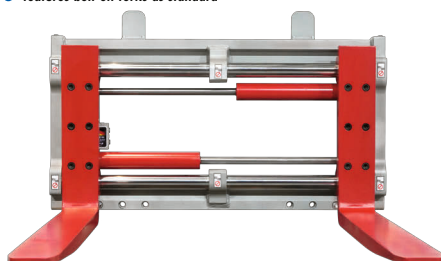
The high-performance fork positioner ZVW-G offers outstanding durability and excellent visibility.

The double chrome axis guideways is particularly clean and enables precise fork positioning due to high-quality hydraulics. The bolt-on forks are firmly attached to the carriers and provide smooth running and precision even in quick operation. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
ZVW 30-G*	3000/500	3,0/500	III	1040	325-945	125x45x1200	110	245	328
				1150	325-1055			243	338
				1200	325-1105			240	343
				1300	325-1205			235	353
				1350	325-1255			231	358
ZVW 35-G	3500/500	3,0/600-3,5/500		1150	340-1070	140x50x1200	110	268	373
				1200	340-1120			265	378
				1300	340-1220			259	389
				1350	340-1270			255	394
				ZVW 40-G	4000/500			3,5/600-4,0/500	1150
1200	370-1100	248				450			
1250	370-1150	247				460			
1350	370-1250	246				477			
1450	370-1350	244				495			
1550	370-1450	241				513			
1750*	370-1650	238				540			
2000**	370-1900	235				571			
ZVW 45-G	5000/600	4,0/600-5,0/600		1150	380-1060	150x60x1200	133	276	497
				1250	380-1160			270	512
				1350	380-1260			263	528
				1450	380-1360			257	543
				1550	380-1460			251	558
				1750*	380-1660			240	593
				2000**	380-1910			230	617

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- features bolt-on forks as standard
- also for hook-on forks ISO 2328
- load backrest/protection strip see page 240
- clamping of goods is not allowed
- if you don't want sideshift notify us on your order
- * minimum truck carriage width: 1450 mm
- ** minimum truck carriage width: 1750 mm



option: protection strip

*Forks longer 1600 mm
cross section changes

type	forks b x h mm
ZVW 30-G	125x50

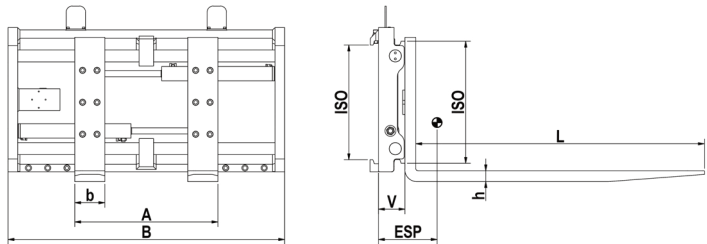
DURWEN
Forklift Attachments

More than 75 years experience

Fork positioner

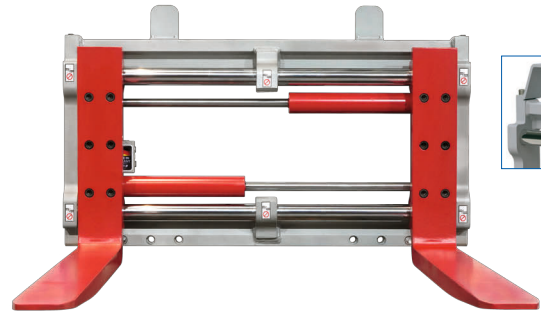
integral sideshift, bolt-on forks

The high-performance fork positioner ZVW-G offers outstanding durability and excellent visibility. The double chrome axis guideways is particularly clean and enables precise fork positioning due to high-quality hydraulics. The bolt-on forks are firmly attached to the carriers and provide smooth running and precision even in quick operation. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
ZVW 50-G	5000/600	5,0/600	IV	1350	380-1260	150x70x1200	133	227	641
				1450	380-1360			222	658
				1550	380-1460			217	675
ZVW 60-G	6000/600	6,0/600		1460	380-1340	150x70x1200	143	222	747
				1660	380-1540			214	785
				1860	380-1740			205	822
ZVW 70-G	7000/600	6,5-7,0/600		1460	380-1340	150x70x1200	170	220	857
				1860	380-1740			201	948
				2060	380-1940			190	1000
ZVW 80-G	8000/600	8,0/600		1460	480-1340	200x70x1200	170	260	995
				1800	480-1680			244	1075
				1860	480-1740			240	1090
				2060	480-1940			232	1142
				2160	480-2040			228	1170
				2260	480-2140			224	1198
ZVW 100-G	8000/900	8,0/900		2400	480-2280	200x80x1200	195	220	1230
				2060	480-1940			230	1465
				2160	480-2040			227	1500
				2260	480-2140			225	1535
ZVW 110-G	8000/1100	8,0/1100		2400	480-2280	200x80x1200	210	220	1590
				2060	480-1940			235	1540
				2260	480-2140			225	1615
				2400	480-2280			220	1670

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- features bolt-on forks as standard
- also for hook-on forks ISO 2328
- load backrest/protection strip see page 240
- clamping of goods is not allowed
- if you don't want sideshift notify us on your order



option: protection strip

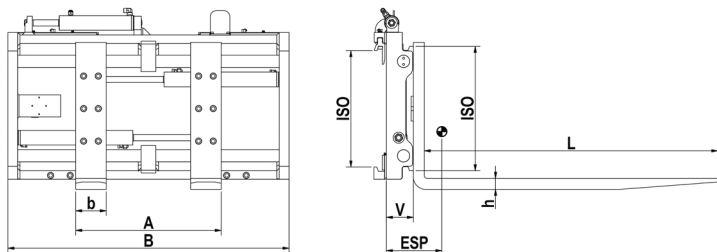
Fork positioner

ZVW-GS
ISO II

constant sideshift, bolt-on forks

The high-performance fork positioner ZVW-GS offers outstanding durability and excellent visibility.

The double chrome axis guideways is particularly clean and enables precise fork positioning due to high-quality hydraulics. The bolt-on forks are firmly attached to the carriers and provide smooth running and precision even in quick operation. The constant sideshift operates at every fork position. This means that a separate cylinder moves the complete frame.



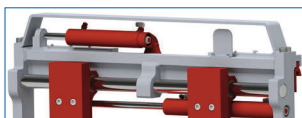
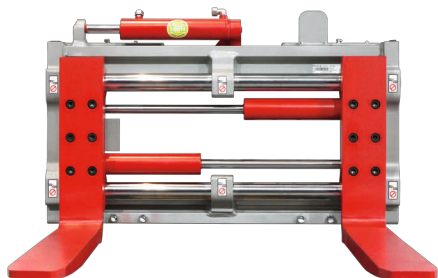
type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg			
ZVW 16-GS*	1600/500	1,0-1,6/500	II	850 980 1040	300-730 300-860 300-920	100x40x1200	+/- 75 +/- 100 +/- 100	124	222 216 212	273 283 285			
ZVW 20-GS*	2000/500	1,8-2,0/500		850 980 1040 1150	300-730 300-860 300-920 300-1030		100x45x1200		+/- 75 +/- 100 +/- 100 +/- 100	234 232 227 221	285 290 298 309		
ZVW 25-GS*	2500/500	2,5/500		980 1040 1150 1200 1350	320-880 320-940 320-1050 320-1100 320-1250				120x40x1200	+/- 100	243 238 231 228 219	305 308 319 325 341	
ZVW 28-GS*	2500/600	2,5/600		1040 1150 1200 1350	325-945 325-1055 325-1105 325-1255	125x45x1200					+/- 100	256 249 245 236	328 339 345 361

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- features bolt-on forks as standard
- also for hook-on forks ISO 2328

- load backrest/protection strip see page 240
- clamping of goods is not allowed

***Forks longer 1600 mm
cross section changes**

type	forks b x h mm
ZVW 16-GS	100x50
ZVW 20-GS	100x50
ZVW 25-GS	120x50
ZVW 28-GS	125x50



option: protection strip

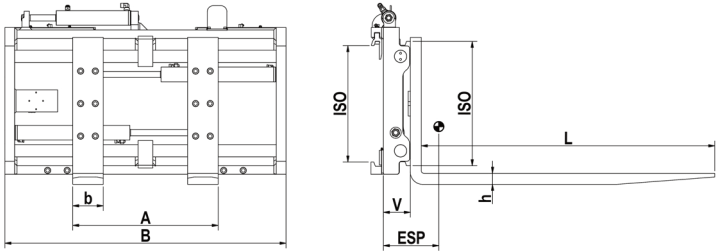
DURWEN
Forklift Attachments

More than 75 years experience

Fork positioner

constant sideshift, bolt-on forks

The high-performance fork positioner **ZVW-GS** offers outstanding durability and excellent visibility. The double chrome axis guideways is particularly clean and enables precise fork positioning due to high-quality hydraulics. The bolt-on forks are firmly attached to the carriers and provide smooth running and precision even in quick operation. The constant sideshift operates at every fork position. This means that a separate cylinder moves the complete frame.

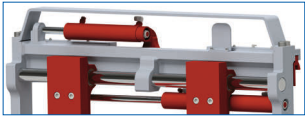
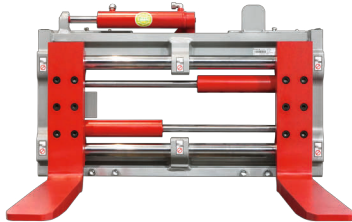


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
ZVW 30-GS*	3000/500	3,0/500	III	1040	325-945	125x45x1200	+/- 100	127	248	352
				1150	325-1055				241	363
				1200	325-1105				238	370
				1300	326-1205				234	380
				1350	325-1255				228	388
ZVW 35-GS	3500/500	3,0/600-3,5/500		1150	340-1070	140x50x1200		127	265	398
				1200	340-1120				262	405
				1300	340-1220				255	418
				1350	340-1270				252	424
ZVW 40-GS	4000/500	3,5/600-4,0/500		1150	370-1050	140x50x1200			150	249
				1200	370-1100			248		479
				1250	370-1150			248		487
				1350	370-1250			247		504
				1450	370-1350			245		520
				1550	370-1450			243		537
				1750*	370-1650			239		575
				2000**	370-1900			234		623
ZVW 45-GS	5000/600	4,0/600-5,0/600		1150	380-1060	150x60x1200		150	274	532
				1250	380-1160				268	550
				1350	380-1260				261	566
				1450	380-1360				255	583
				1550	380-1460				249	600
				1750*	380-1660				240	632
				2000**	380-1910				228	674

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard

- features bolt-on for forks as standard
- also for hook-on for forks ISO 2328
- load backrest/protection strip see page 240
- clamping of goods is not allowed

* minimum truck carriage width: 1450 mm
** minimum truck carriage width: 1750 mm



option: protection strip

*Forks longer 1600 mm cross section changes	
type	forks b x h mm
ZVW 30-GS	125x50

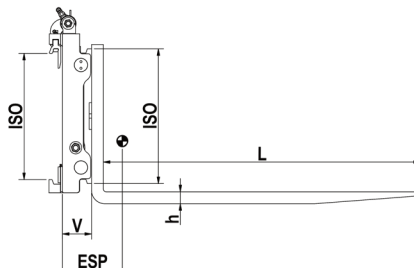
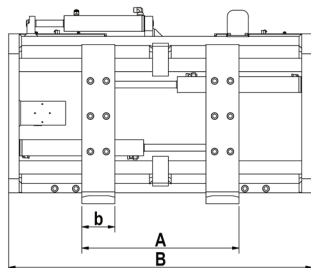
Fork positioner

ZVW-GS
ISO IV

constant sideshift, bolt-on forks

The high-performance fork positioner ZVW-GS offers outstanding durability and excellent visibility.

The double chrome axis guideways is particularly clean and enables precise fork positioning due to high-quality hydraulics. The bolt-on forks are firmly attached to the carriers and provide smooth running and precision even in quick operation. The constant sideshift operates at every fork position. This means that a separate cylinder moves the complete frame.

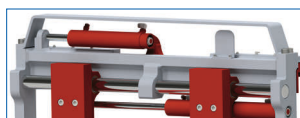
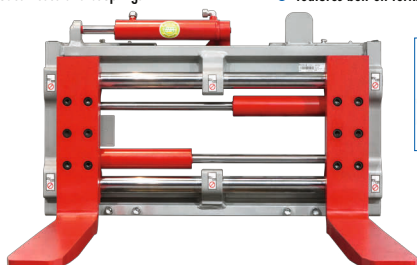


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
ZVW 50-GS	5000/600	5,0/600	IV	1350 1450 1550	380-1260 380-1360 380-1460	150x70x1200	+/- 100	156	227 225 220	693 711 729
ZVW 60-GS	6000/600	6,0/600		1460 1660 1860	380-1340 380-1540 380-1740	150x70x1200	+/- 100 +/- 160 +/- 160	166	215 210 205	845 880 915
ZVW 70-GS	7000/600	6,5-7,0/600		1460 1860 2060	380-1340 380-1740 380-1940	150x70x1200	+/- 100 +/- 160 +/- 160	193	215 201 195	933 1061 1110
ZVW 80-GS	8000/600	8,0/600		1460 1800 1860 2060 2160 2260 2400	480-1340 480-1680 480-1740 480-1940 480-2040 480-2140 480-2280	200x70x1200	+/- 100 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160	193	260 243 240 231 228 225 222	1090 1187 1204 1267 1291 1315 1350
ZVW 100-GS	8000/900	8,0/900		2060 2160 2260 2400	480-1940 480-2040 480-2140 480-2280	200x80x1200	+/- 160	210	240 238 235 230	1555 1585 1615 1670
ZVW 110-GS	8000/1100	8,0/1100		2060 2260 2400	480-1940 480-2140 480-2280	200x80x1200	+/- 160	233	242 236 232	1635 1700 1750

- 2 hydraulic functions required
- includes hoses and couplings

- constant sideshift as standard
- features bolt-on forks as standard

- also for hook-on forks ISO 2328
- load backrest/protection strip see page 240
- clamping of goods is not allowed



option: protection strip

DURWEN
Forklift Attachments

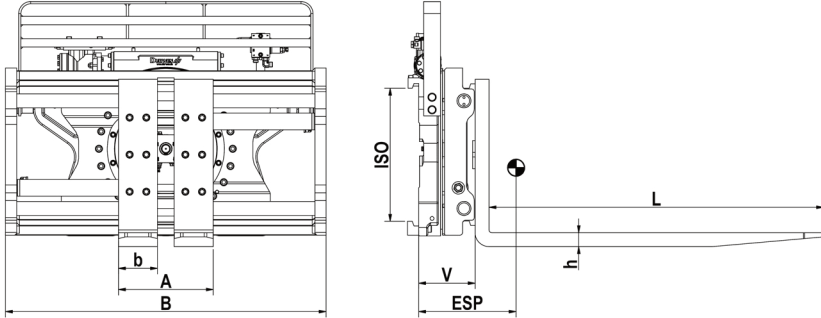
More than 75 years experience

Revolving fork positioner

DZVW-G

360° total rotation, bolt-on forks

The revolving fork positioner **DZVW-G** rotates 360° and is designed for emptying bins and boxes with closed fork pockets. The strong construction with round bars guarantees a long service life. The rotator has a strong direct transmission with proven service in heavy-duty applications. The rotation bearing is protected against dust. The unit is not designed for use with inverted forks. Suitable solutions upon request.

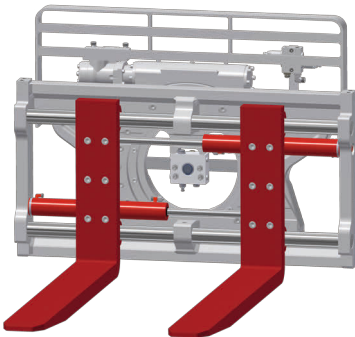


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
DZVW 16-G*	1600/500	1,6/500	II	1000	300-880	100x40x1200	196	192	445
DZVW 20-G*	2000/500	1,8-2,0/500	II	1000	300-880	100x45x1200	196	204	458
DZVW 25-G*	2500/500	2,0/600 - 2,5/500	II	1150	320-1050	120x40x1200	200	200	521
DZVW 28-G*	2500/600	2,5/600	II	1150	325-1055	125x45x1200	200	215	541
DZVW 30-G*	3000/500	3,0/500	III	1150	325-1055	125x45x1200	203	211	584
DZVW 35-G	3500/500	3,0/600 - 3,5/500	III	1150	340-1070	140x50x1200	203	233	620
DZVW 40-G	4000/600	3,5/600 - 4,0/600	III	1350	370-1250	140x50x1200	236	211	845
DZVW 45-G	5000/600	3,5-5,0/600	III	1350	380-1260	150x60x1200	236	236	894
DZVW 50-G	5000/600	5,0/600	IV	1350	380-1260	150x70x1200	243	235	1030
DZVW 60-G	6000/600	6,0/600	IV	1420	380-1300	150x70x1200	253	218	1230
DZVW 80-G	8000/600	7,0-8,0/600	IV	1800	480-1680	200x70x1200	283	257	1576

- 2 hydraulic functions required
- includes hoses and couplings
- features bolt-on forks as standard
- pressure relief valve as standard

- standard with protection strip type SB-DG (does not rotate)
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)

- forks longer than 1800 mm upon request
- clamping of goods is not allowed
- not available without forks



*Forks longer 1600 mm
cross section changes

type	forks b x h mm
DZVW 16-G	100x50
DZVW 20-G	100x50
DZVW 25-G	120x50
DZVW 28-G	125x50
DZVW 30-G	125x50

DURWEN
Forklift Attachments

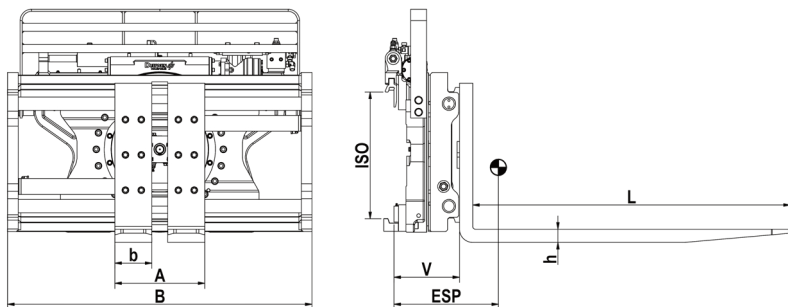
More than 75 years experience

Revolving fork positioner

360° total rotation, constant sideshift, bolt-on forks

DZVW-GS

The revolving fork positioner DZVW-GS rotates 360° and has bolt-on forks. Rotation, sideshift and fork positioning allow for quick and safe operation. The strong construction with round bars guarantees a long service life. The rotator has a strong direct transmission with proven service in heavy-duty applications. The rotation bearing is protected against dust. The unit is not designed for use with inverted forks. Clamping is not allowed. Suitable solutions upon request.

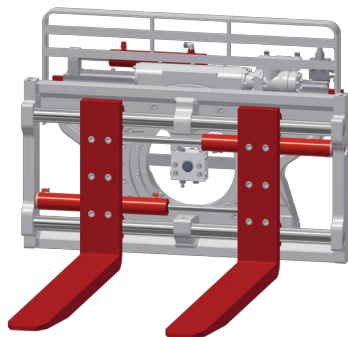


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
DZVW 16-GS*	1600/500	1,6/500	II	1000	300-880	100x40x1200	+/- 100	249	222	485
DZVW 20-GS*	2000/500	1,8-2,0/500	II	1000	300-880	100x45x1200		249	234	496
DZVW 25-GS*	2500/500	2,0/600 - 2,5/500	II	1150	320-1050	120x40x1200		232	214	565
DZVW 28-GS*	2500/600	2,5 / 600	II	1150	325-1055	125x45x1200		232	229	585
DZVW 30-GS*	3000/500	3,0 / 500	III	1150	325-1055	125x45x1200		247	233	642
DZVW 35-GS	3500/500	3,0 / 600 - 3,5/500	III	1150	340-1070	140x50x1200		247	254	678
DZVW 40-GS	4000/600	3,5/600 - 4,0/600	III	1350	370-1250	140x50x1200		280	232	935
DZVW 45-GS	5000/600	3,5-5,0/600	III	1350	380-1260	150x60x1200		281	255	984
DZVW 50-GS	5000/600	5,0/600	IV	1350	380-1260	150x70x1200		310	258	1215
DZVW 60-GS	6000/600	6,0/600	IV	1420	380-1300	150x70x1200		329	255	1425
DZVW 80-GS	8000/600	7,0-8,0/600	IV	1800	480-1680	200x70x1200		356	297	1771

- 3 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- features bolt-on forks as standard

- pressure relief valve as standard
- standard with protection strip type SB-DG (does not rotate)
- pressure gauge with hand wheel upon request

- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- forks longer than 1800 mm upon request
- clamping of goods is not allowed
- execution without forks not available



***Forks longer 1600 mm
cross section changes**

type	forks b x h mm
DZVW 16-GS	100x50
DZVW 20-GS	100x50
DZVW 25-GS	120x50
DZVW 28-GS	125x50
DZVW 30-GS	125x50

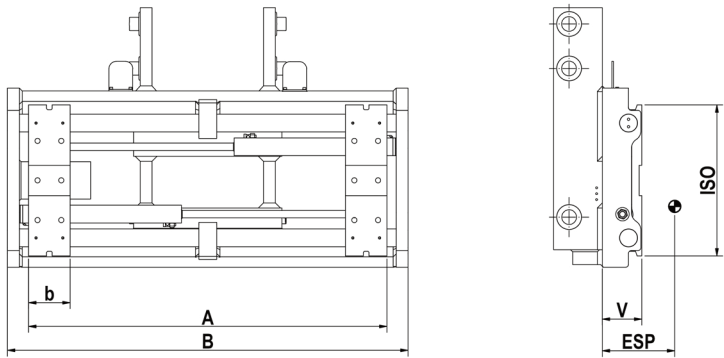
DURWEN
Forklift Attachments

More than 75 years experience

Fork positioner

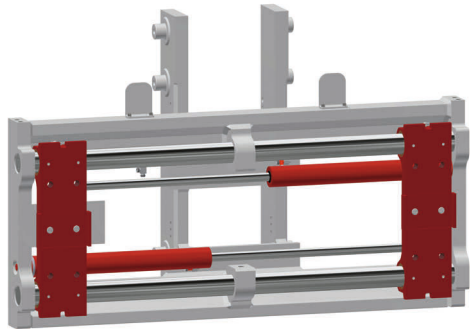
integrated version, integral sideshift

The integral fork positioner ZVW-I offers outstanding durability and excellent visibility. The double chrome axis guideways is particularly clean and enables precise fork positioning due to high-quality hydraulics. Standard forks with ISO mounting or bolt-on forks may be used. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	b mm	V LLC mm	ESP COG mm	weight kg
ZVW 25-I	2500/500	1,5 - 2,5/500	II	980	320-880	120	114	50	155
				1040	320-940				160
				1150	320-1050				170
				1350	320-1250				190
ZVW 28-I	2500/600	2,5/600		1040	320-940				160
				1150	320-1050				170
				1350	320-1250				190

- 2 hydraulic functions required
- ready to connect, access metric
- includes sideshift via valve, depending on opening range
- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- load backrest/protection strip see page 240
- clamping of goods is not allowed

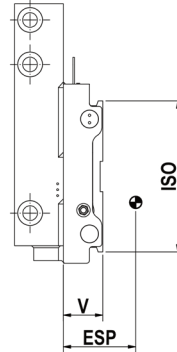
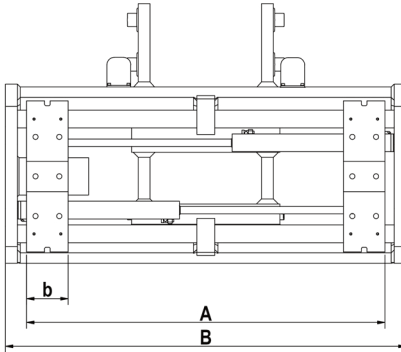


Fork positioner

**ZVW-I
ISO III**

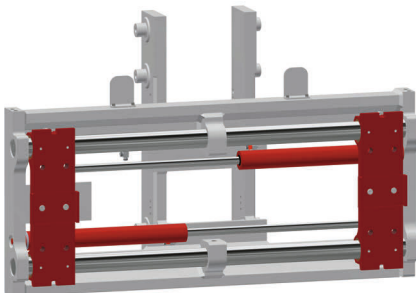
integrated version, integral sideshift

The integral fork positioner ZVW-I offers outstanding durability and excellent visibility. The double chrome axis guideways is particularly clean and enables precise fork positioning due to high-quality hydraulics. Standard forks with ISO mounting or bolt-on forks may be used. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	b mm	V LLC mm	ESP COG mm	weight kg
ZVW 30-I	3000/500	3,0/500	III	1040 1150 1350	320-940 320-1050 320-1250	120	117	50	190 195 205
ZVW 35-I	3500/500	3,0/600-3,5/500		1150 1350	320-1050 320-1250	120	117	49	200 220
ZVW 45-I	5000/500	3,5/600-5,0/500		1150 1350 1550 1750	370-1050 370-1250 370-1450 370-1650	140	133	53	270 300 330 360
ZVW 48-I	5000/600	5,0/600		1150 1350 1550 1750	370-1050 370-1250 370-1450 370-1650	140	133	53	275 305 335 365

- 2 hydraulic functions required
- ready to connect, access metric
- includes sideshift via valve, depending on opening range
- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- load backrest/protection strip see page 2400
- clamping of goods is not allowed



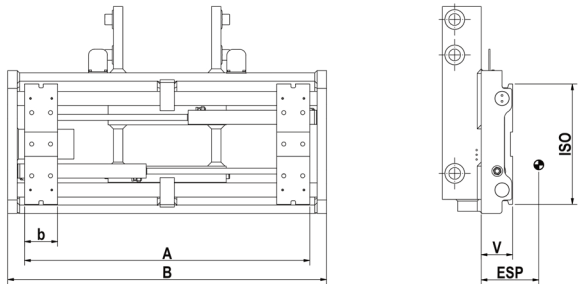
DURWEN
Forklift Attachments

More than 75 years experience

Fork positioner

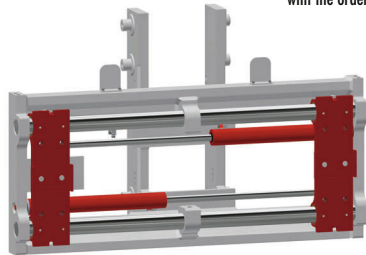
integrated version, integral sideshift

The integral fork positioner ZVW-I offers outstanding durability and excellent visibility. The double chrome axis guideways is particularly clean and enables precise fork positioning due to high-quality hydraulics. Standard forks with ISO mounting or bolt-on forks may be used. The integral sideshift operates depending on fork position. This means that only the fork carriers move inside the static frame.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	b mm	V LLC mm	ESP COG mm	weight kg
ZVW 50-I	5000/600	5,0/600	IV	1350 1450 1550	370-1250 370-1350 370-1450	140	133	48	365 380 400
ZVW 60-I	6000/600	6,0/600		1460 1660 1860	380-1340 380-1540 380-1740	150	150	60	450 490 530
ZVW 70-I	7000/600	6,5-7,0/600		1460 1860 2060	380-1340 380-1740 380-1940	150	177	75	560 660 705
ZVW 80-I	8000/600	8,0/600		1800 1860 2060 2160 2260 2400	480-1680 480-1740 480-1940 480-2040 480-2140 480-2280	200	177	76	670 685 735 760 785 820
ZVW 100-I	8000/900	8,0/900		2060 2160 2260 2400	480-1940 480-2040 480-2140 480-2280	200	195	80	955 990 1020 1070
ZVW 110-I	8000/1100	8,0/1100		2060 2260 2400	480-1940 480-2140 480-2280	200	210	85	1045 1115 1170

- 2 hydraulic functions required
- ready to connect, access metric
- includes sideshift via valve, depending on opening range
- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- load backrest/protection strip see page 240
- clamping of goods is not allowed

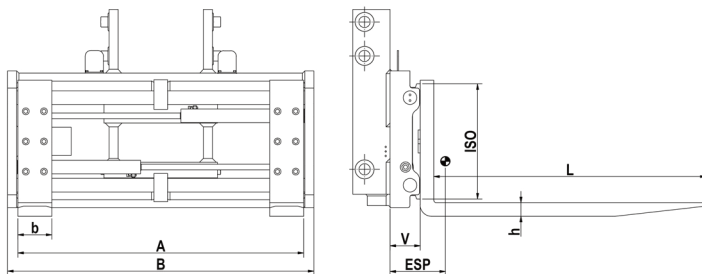


Fork positioner

ZVW-IG
ISO II

integrated version, integral sideshift, bolt-on forks

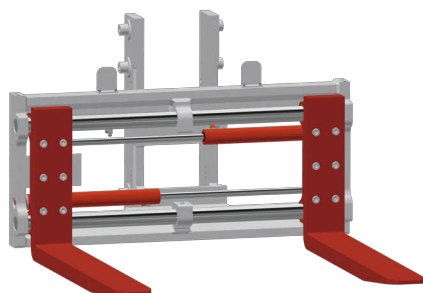
The integral fork positioner ZVW-IG uses a robust chromed bar system in a stable frame. The unit is equipped with bolt-on forks. Depending on the capacity, hook-on forks can be used for replacement. Integral sideshift (via valve) is standard and depends on the opening range.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
ZVW 16-IG*	1600/500	1,0-1,6/500	II	850 980 1040	300-730 300-860 300-920	100x40x1200	114	240 230 225	235 245 255
ZVW 20-IG*	2000/500	1,8-2,0/500		850 980 1040 1150	300-730 300-860 300-920 300-1030	100x45x1200		270 245 240 235	250 260 265 275
ZVW 25-IG*	2500/500	2,5/500		980 1040 1150 1350	320-880 320-940 320-1050 320-1250	120x40x1200		255 250 245 230	270 275 285 305
ZVW 28-IG*	2500/600	2,5/600		1040 1150 1350	325-945 325-1055 325-1255	125x45x1200		270 260 250	295 305 325

- 2 hydraulic functions required
- ready to connect, access metric
- features bolt-on forks as standard
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details

- weight, COG and LLC do not include brackets
- LLC does not include forks
- load backrest/protection strip see page 240
- clamping of goods is not allowed



*Forks longer 1600 mm
cross section changes

type	forks b x h mm
ZVW 16-IG	100x50
ZVW 20-IG	100x50
ZVW 25-IG	120x50
ZVW 28-IG	125x50

DURWEN
Forklift Attachments

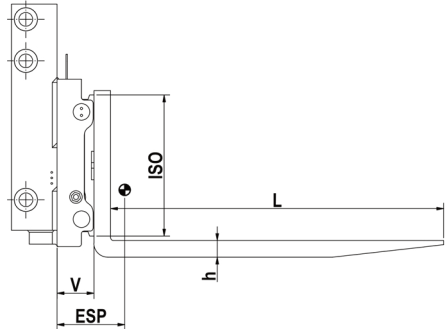
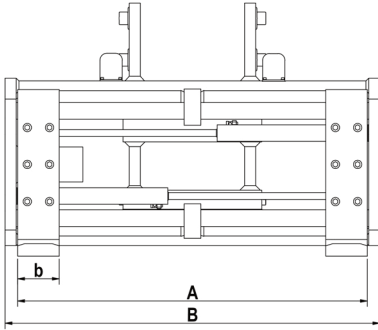
More than 75 years experience

Fork positioner

**ZVW-IG
ISO III**

integrated version, integral sideshift, bolt-on forks

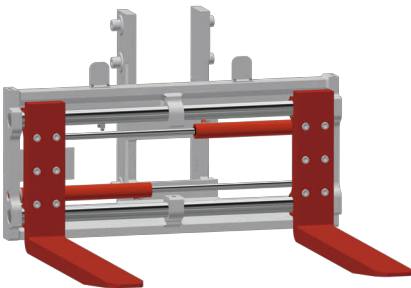
The integral fork positioner ZVW-IG uses a robust chromed bar system in a stable frame. The unit is equipped with bolt-on forks. Depending on the capacity, hook-on forks can be used for replacement. Integral sideshift (via valve) is standard and depends on the opening range.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
ZVW 30-IG*	3000/500	3,0/500	III	1040 1150 1350	325-945 325-1055 325-1255	125x45x1200	117	245 240 235	335 340 350
ZVW 35-IG	3500/500	3,0/600-3,5/500		1150 1350	340-1070 340-1270	140x50x1200	117	265 255	380 400
ZVW 40-IG	4000/500	3,5/600-4,0/500		1150 1350 1550 1750	370-1050 370-1250 370-1450 370-1650	140x50x1200	133	245 240 225 215	445 480 515 545
ZVW 45-IG	5000/500	4,0/600-5,0/500		1150 1350 1550 1750	380-1060 380-1260 380-1460 380-1660	150x60x1200	133	270 260 245 235	500 530 560 590
ZVW 48-IG	5000/600	5,0/600		1150 1350 1550 1750	380-1060 380-1260 380-1460 380-1660	150x60x1200	133	270 260 245 235	505 535 565 595

- 2 hydraulic functions required
- ready to connect, access metric
- features bolt-on forks as standard
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers

- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- load backrest/protection strip see page 240
- clamping of goods is not allowed



*Forks longer 1600 mm
cross section changes

type	forks b x h mm
ZVW 30-IG	125x50

DURWEN
Forklift Attachments

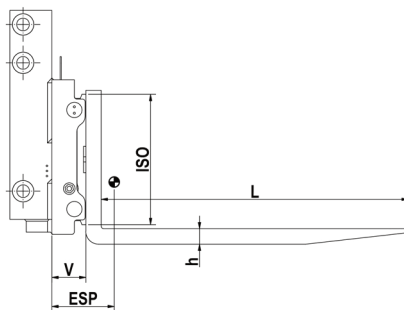
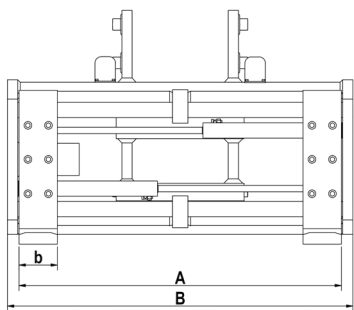
More than 75 years experience

Fork positioner

ZVW-IG
ISO IV

integrated version, integral sideshift (via valve), bolt-on forks

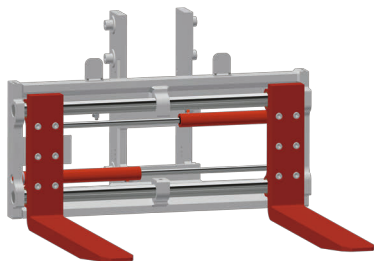
The integral fork positioner ZVW-IG uses a robust chromed bar system in a stable frame. The unit is equipped with bolt-on forks. Depending on the capacity, hook-on forks can be used for replacement. Integral sideshift (via valve) is standard and depends on the opening range.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm OTO	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
ZVW 50-IG	5000/600	5,0/600	IV	1350 1450 1550	380-1260 380-1360 380-1460	150x70x1200	133	225 220 215	645 665 680
ZVW 60-IG	6000/600	6,0/600		1460 1660 1860	380-1340 380-1540 380-1740	150x70x1200	150	225 215 205	735 775 815
ZVW 70-IG	7000/600	6,5-7,0/600		1460 1860 2060	380-1340 380-1740 380-1940	150x70x1200	177	220 205 200	845 945 990
ZVW 80-IG	8000/600	8,0/600		1800 1860 2060 2160 2260 2400	480-1680 480-1740 480-1940 480-2040 480-2140 480-2280	200x70x1200	177	250 245 235 233 230 225	1070 1085 1140 1165 1190 1225
ZVW 100-IG	8000/900	8,0/900		2060 2160 2260 2400	480-1940 480-2040 480-2140 480-2280	200x80x1200	195	235 230 225 220	1410 1445 1480 1530
ZVW 110-IG	8000/1100	8,0/1100		2060 2260 2400	480-1940 480-2140 480-2280	200x80x1200	210	230 225 220	1505 1575 1625

- 2 hydraulic functions required
- ready to connect, access metric
- features bolt-on forks as standard

- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- load backrest/protection strip see page 240
- clamping of goods is not allowed



DURWEN
Forklift Attachments
More than 75 years experience

This image shows a full page of blank graph paper. The grid consists of small, equal-sized squares formed by thin gray lines. There are 20 columns and 20 rows of squares, creating a total of 400 square units. The grid covers the entire area of the page, leaving no margins or other markings.

Fork positioner type RZV



Durwen app



stable frame

for hook-on
or bolt-on forks

proven components

excellent visibility

available with constant sideshift
or integral sideshift (via valve)

compact design

including ISO
adaptor for
hook-on forks

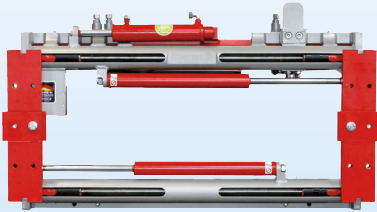
wide opening
range



Fork positioner

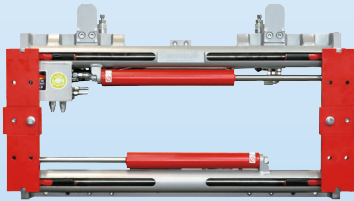
RZV

The **fork positioner range RZV** features round bar guides and can also be used with long forks. The well-balanced frame design offers durability and excellent visibility. The forks are moved on adaptors and can open a little wider than the frame width. The adaptor design allows the use of hook-on and/or bolt-on forks. The RZV range is available with constant or integral sideshift.



**type RZV-S, constant sideshift,
for hook-on forks**

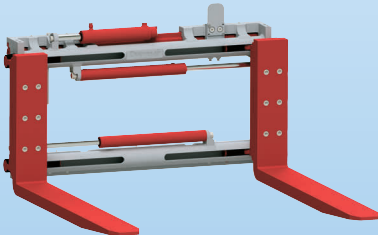
*sideshift see table



**type RZV, integral sideshift
(via valve), for hook-on forks**

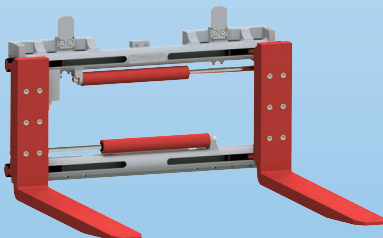
$$\text{max. sideshift} = \frac{\text{max. opening} - \text{min. opening}}{4}$$

min. sideshift = 0



**type RZV-GS, constant sideshift,
with bolt-on forks**

*sideshift see table



**type RZV-G, integral sideshift
(via valve), with bolt-on forks**

$$\text{max. sideshift} = \frac{\text{max. opening} - \text{min. opening}}{4}$$

min. sideshift = 0

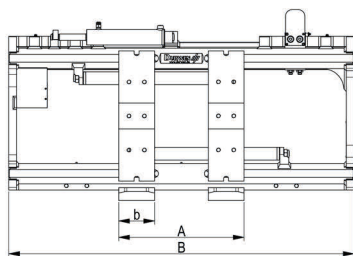


Sideshifting fork positioner

RZV-S
ISO II

constant sideshift, no forks

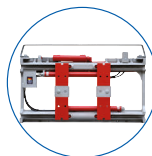
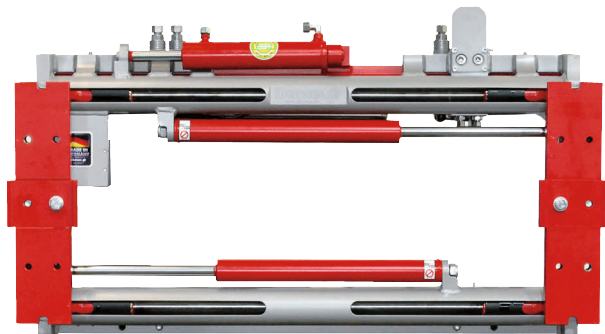
The **sideshifting fork positioner RZV-S** uses stable round bar guides for positioning of forks. The simple design offers reliability and excellent operator visibility. Hook-on forks can be used. The constant sideshift operates at any fork position.



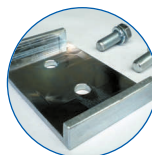
type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	b (forks) mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
RZV 20-S	2000/500	1,0-2,0/500	II	980 1000 1040 1100 1150	490-1060 490-1080 490-1120 490-1180 490-1230	120 (80-125)	+/- 100	142	45	132 135 139 140 142
RZV 25-S	2500/500	2,0/600- 2,5/500		980 1000 1040 1100 1150 1200 1350	490-1060 490-1080 490-1120 490-1180 490-1230 490-1280 490-1430				50	135 138 142 147 150 152 160
RZV 28-S	2500/600	2,5/600		1040 1150 1350	490-1120 490-1230 490-1430				50	147 155 165

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included

- please indicate fork width when ordering
- load backrest/protection strip see page 240
- quick release hooks (ISO II) upon request
- for forks up to 2400 mm, longer please ask
- clamping of goods not allowed



option: protection strip



fork lock

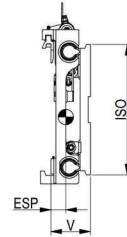
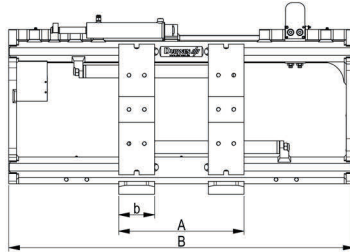
DURWEN
Forklift Attachments

More than 75 years experience

Sideshifting fork positioner

constant sideshift, no forks

The **sideshifting fork positioner RZV-S** uses stable round bar guides for positioning of forks. The simple design offers reliability and excellent operator visibility. Hook-on forks can be used. The constant sideshift operates at any fork position.



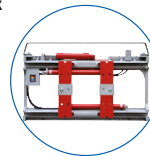
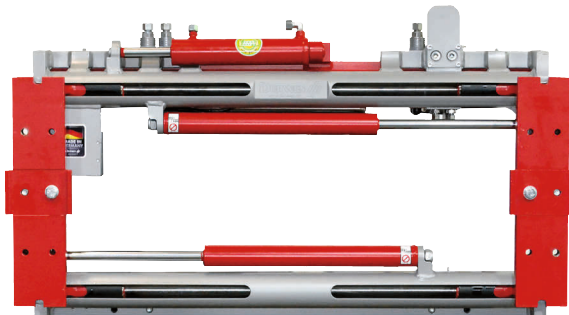
type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	b (forks) mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
RZV 30-S	3000/500	3,0/500	III	1040 1100 1150 1200 1350	490-1120 490-1180 490-1230 490-1280 490-1430	125 (80-125)	+/- 100	152	60	168 174 181 187 195
RZV 35-S	3500/500	3,0/600- 3,5/500		1100 1150 1200 1350	490-1180 490-1230 490-1280 490-1430	140 (100-140)		152	62	183 188 194 203
RZV 45-S	5000/600	3,5-5,0/600		1150 1200 1250 1300 1350 1450 1550 1750* 2000**	490-1230 490-1280 490-1330 490-1380 490-1430 490-1530 490-1630 490-1830 490-2080	140 (100-150)		168	70	235 239 244 247 250 258 265 280 315

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included

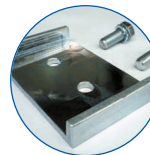
- please indicate fork width when ordering
- load backrest/protection strip see page 240
- quick release hooks (ISO III) upon request
- for forks up to 2400 mm, longer please ask
- clamping of goods not allowed

* minimum truck carriage width: 1450 mm

** minimum truck carriage width: 1750 mm



option: protection strip



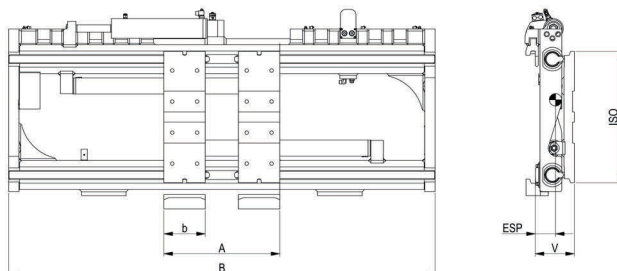
fork lock

Sideshifting fork positioner

**RZV-S
ISO IV**

constant sideshift, no forks

The **sideshifting fork positioner RZV-S** uses stable round bar guides for positioning of forks. The simple design offers reliability and excellent operator visibility. Hook-on forks can be used. The constant sideshift operates at any fork position.

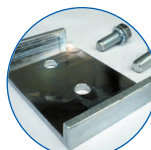
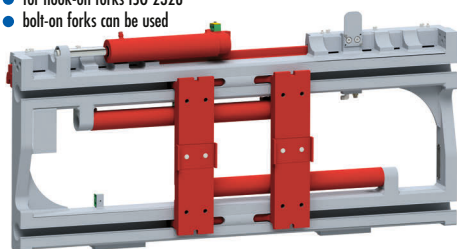


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	b (forks) mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
RZV 50-S	5000/600	5,0/600	IV	1250 1350 1450 1550	490-1330 490-1430 490-1530 490-1630	140	+/-100	180	73	345 357 383 409
RZV 60-S	6000/600	6,0/600		1360 1460 1600 1660 1860	560-1460 560-1560 560-1700 560-1760 560-1960	150	+/- 100 +/- 100 +/- 160 +/- 160 +/- 160	190	75	490 510 540 550 590
RZV 70-S	7000/600	6,5-7,0/600		1460 1860 2060	560-1560 560-1960 560-2160	150	+/- 100 +/- 160 +/- 160	190	73	520 595 645
RZV 80-S	8000/600	8,0/600		1460 1800 1860 2000 2060 2160 2260 2400	560-1560 560-1900 560-1960 560-2100 560-2160 560-2260 560-2360 560-2500	200	+/- 100 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160	190	72	540 590 600 605 650 670 690 740
RZV 100-S	8000/900	8,0/900		2060 2160 2260 2400	560-2160 560-2260 560-2360 560-2500	200	+/- 160	216	70	800 830 855 910
RZV 110-S	8000/1100	8,0/1100		2060 2260 2400	560-2160 560-2360 560-2500	200	+/- 160	218	72	820 875 930

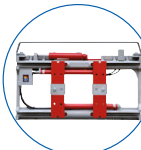
- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- for hook-on forks ISO 2328
- bolt-on forks can be used

- forks not included
- please indicate fork width when ordering
- load backrest/protection strip see page 240

- quick release hooks (ISO IV) upon request
- for forks up to 2400 mm, longer please ask
- clamping of goods not allowed



fork lock



option: protection strip

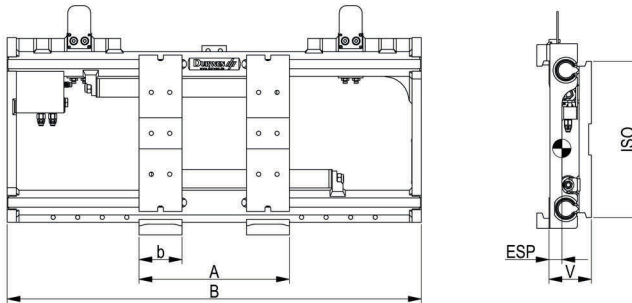
DURWEN
Forklift Attachments

More than 75 years experience

Sideshifting fork positioner

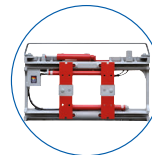
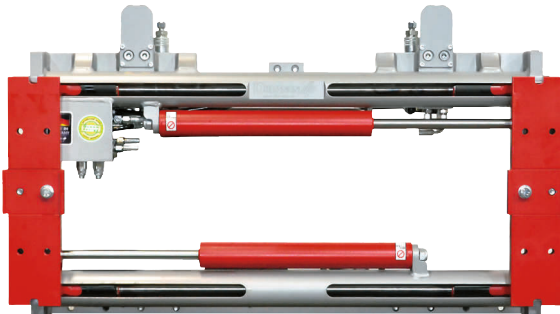
integral sideshift, no forks

The **sideshifting fork positioner RZV** uses stable round bar guides for positioning of fork adaptors. The simple design offers reliability and excellent operator visibility. Hook-on forks can be used. The integral sideshift is depending on fork position.

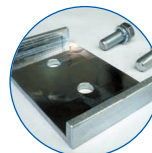


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	b (forks) mm	V LLC mm	ESP COG mm	weight kg
RZV 25	2500/500	1,5 - 2,5/500	II	980	490-1060	120 (80-125)	126	45	109
				1000	490-1080			45	111
				1040	490-1120			45	118
				1100	490-1180			48	126
				1150	490-1230			50	130
				1200	490-1280			50	135
				1350	490-1430			50	140
RZV 28	2500/600	2,5/600	II	1040	490-1120			45	125
				1150	490-1230			50	137
				1350	490-1430			50	147

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- load backrest/protection strip see page 240
- quick release hooks (ISO II) upon request
- for forks up to 2400 mm, longer please ask
- clamping of goods not allowed



option: protection strip



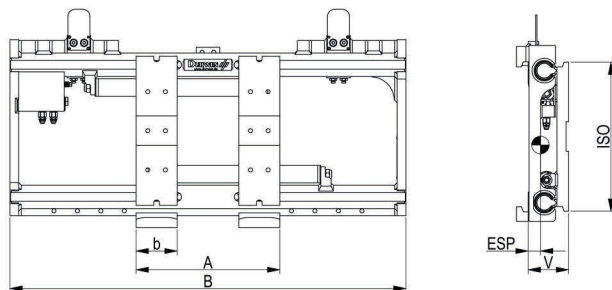
fork lock

Sideshifting fork positioner

RZV
ISO III

integral sideshift, no forks

The **sideshifting fork positioner RZV** uses stable round bar guides for positioning of fork adaptors. The simple design offers reliability and excellent operator visibility. Hook-on forks can be used. The integral sideshift is depending on fork position.

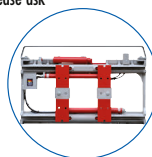


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	b (forks) mm	V LLC mm	ESP COG mm	weight kg
RZV 30	3000/500	3,0/500	III	1040	490-1120	125 (80-125)	138	55	145
				1100	490-1180			57	153
				1150	490-1230			60	160
				1200	490-1280			60	166
				1350	490-1430			60	175
RZV 35	3500/500	3,0/600- 3,5/500		1100	490-1180	140 (100-140)	138		162
				1150	490-1230			65	165
				1200	490-1280				168
				1350	490-1430				180
RZV 45	5000/600	3,5/600- 5,0/600		1150	490-1230	140 (100-150)	153		205
				1200	490-1280				208
				1250	490-1330				212
				1300	490-1380				215
				1350	490-1430				220
				1450	490-1530				228
				1550	490-1630				235
				1750*	490-1830				250
				2000**	490-2080				270

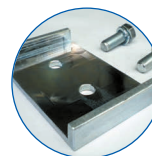
- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included

- please indicate fork width when ordering
- load backrest/protection strip see page 240
- quick release hooks (ISO III) upon request
- for forks up to 2400 mm, longer please ask
- clamping of goods not allowed

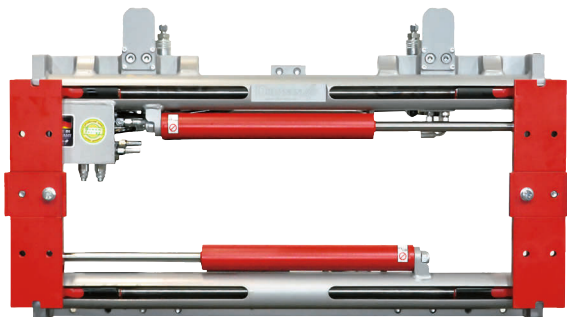
* minimum truck carriage width: 1450 mm
** minimum truck carriage width: 1750 mm



option: protection strip



fork lock



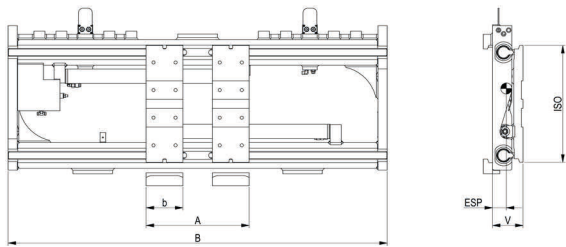
DURWEN
Forklift Attachments

More than 75 years experience

Sideshifting fork positioner

integral sideshift, no forks

The sideshifting fork positioner RZV uses stable round bar guides for positioning of fork adaptors. The simple design offers reliability and excellent operator visibility. Hook-on forks can be used. The integral sideshift is depending on fork position.

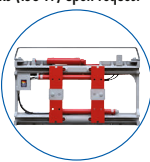
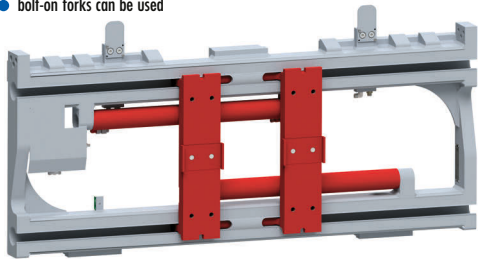


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	b (forks) mm	V LLC mm	ESP COG mm	weight kg
RZV 50	5000/600	5,0/600	IV	1250 1350 1450 1550	490-1330 490-1430 490-1530 490-1630	140 (120-150)	155	68	292 305 318 331
RZV 60	6000/600	6,0/600		1360 1460 1600 1660 1860	560-1460 560-1560 560-1700 560-1760 560-1960	150 (150)	165	72	430 450 480 490 530
RZV 70	7000/600	6,5-7,0/600		1460 1860 2060	560-1560 560-1960 560-2160	150	165	74	460 535 545
RZV 80	8000/600	8,0/600		1460 1800 1860 2000 2060 2160 2260 2400	560-1560 560-1900 560-1960 560-2100 560-2160 560-2260 560-2360 560-2500	200 (150-200)	165	75	485 535 545 547 550 570 590 635
RZV 100	8000/900	8,0/900		2060 2160 2260 2400	560-2160 560-2260 560-2360 560-2500	200 (150-200)	190	70	700 725 750 810
RZV 110	8000/1100	8,0/1100		2060 2260 2400	560-2160 560-2360 560-2500	200 (200)	192	73	715 765 825

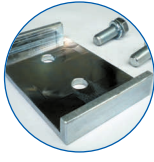
- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- for hook-on forks ISO 2328
- bolt-on forks can be used

- forks not included
- please indicate fork width when ordering
- load backrest/protection strip see page 240
- quick release hooks (ISO IV) upon request

- for forks up to 2400 mm, longer please ask
- clamping of goods not allowed



option: protection strip



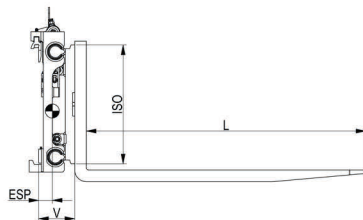
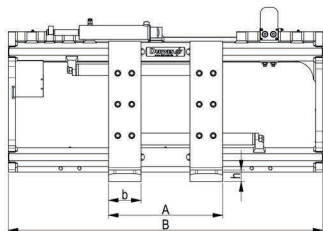
fork lock

Sideshifting fork positioner

RZV-GS
ISO II

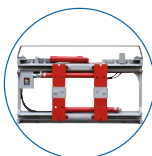
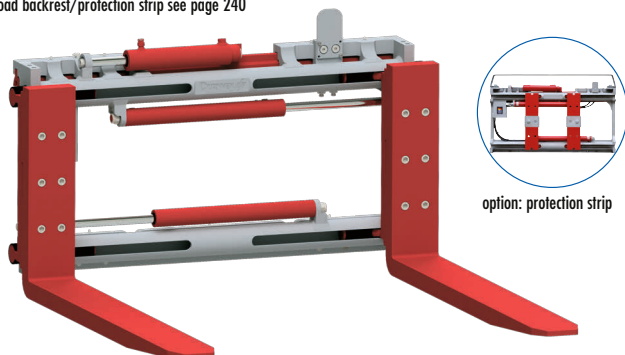
constant sideshift, bolt-on forks

The **sideshifting fork positioner RZV-GS** uses stable round bar guides for fork positioning. The simple design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
RZV 16-GS*	1600/500	1,0-1,6/500	II	850 980 1040	470-910 470-1040 470-1100	100x40x1200	+/- 75 +/- 100 +/- 100	142	229 228 224	241 246 254
RZV 20-GS*	2000/500	1,8-2,0/500		850 980 1040 1100 1150	470-910 470-1040 470-1100 470-1160 470-1210	100x45x1200	+/- 75 +/- 100 +/- 100 +/- 100 +/- 100		225 222 221 221 218	246 250 258 262 268
RZV 25-GS*	2500/500	2,5/500		980 1000 1040 1100 1150 1200 1350	490-1060 490-1080 490-1120 490-1180 490-1230 490-1280 490-1430	120x40x1200	+/- 100		220 218 218 218 215 215 213	255 261 263 267 272 275 282
RZV 28-GS*	2500/600	2,5/600		1040 1150 1350	495-1125 495-1235 495-1435	125x45x1200	+/- 100		220 218 215	273 278 288

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- features bolt-on forks as standard
- for hook-on forks ISO 2328
- load backrest/protection strip see page 240
- quick release hooks (ISO II) upon request
- for forks up to 2400 mm, longer please ask
- clamping of goods not allowed



option: protection strip

*Forks longer 1600 mm
cross section changes

type	forks b x h mm
RZV 16-GS	100x50
RZV 20-GS	100x50
RZV 25-GS	120x50
RZV 28-GS	125x50

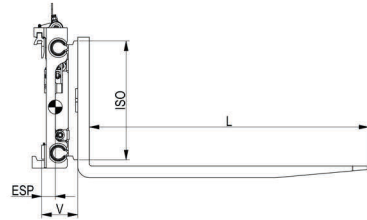
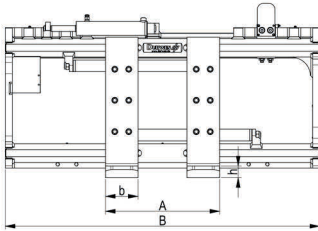
DURWEN
Forklift Attachments

More than 75 years experience

Sideshifting fork positioner

constant sideshift, bolt-on forks

The **sideshifting fork positioner RZV-GS** uses stable round bar guides for fork positioning. The simple design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
RZV 30-GS*	3000/500	3,0/500	III	1040	495-1125	125x45x1200	+/- 100	152	210	313
				1100	495-1185				207	320
				1150	495-1235				205	326
				1200	495-1285				204	329
				1350	495-1435				203	340
RZV 35-GS	3500/500	3,0/600- 3,5/500		1100	490-1180	140x50x1200		152	224	362
				1150	490-1230				222	368
				1200	490-1280				221	372
				1350	490-1430				218	383
RZV 40-GS	4000/500	3,5/600- 4,0/500		1150	490-1230	140x50x1200		168	228	415
				1350	490-1430				225	430
				1550	490-1630				220	445
				1750*	490-1830				215	460
				2000**	490-2080				210	495
RZV 45-GS	5000/600	4,0-5/600		1150	500-1240	150x60x1200		168	228	465
				1200	500-1290				227	468
				1250	500-1340				226	472
				1300	500-1390				226	476
				1350	500-1440				225	480
				1450	500-1540				222	488
				1550	500-1640				220	495
				1750*	500-1840				215	510
				2000**	500-2090				210	550

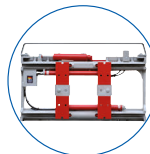
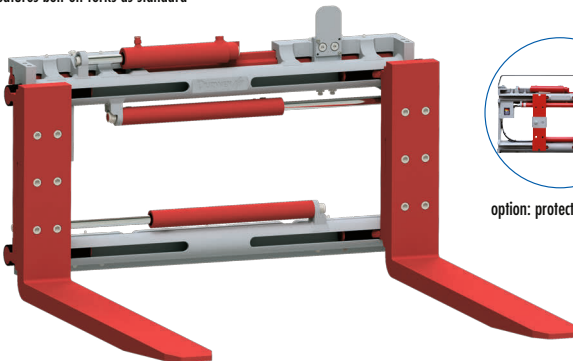
- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- features bolt-on forks as standard

- for hook-on forks ISO 2328
- load backrest/protection strip see page 240
- quick release hooks (ISO III) upon request

- for forks up to 2400 mm, longer please ask
- clamping of goods not allowed

* minimum truck carriage width: 1450 mm

** minimum truck carriage width: 1750 mm



option: protection strip

*Forks longer 1600 mm
cross section changes

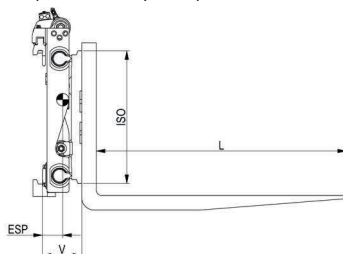
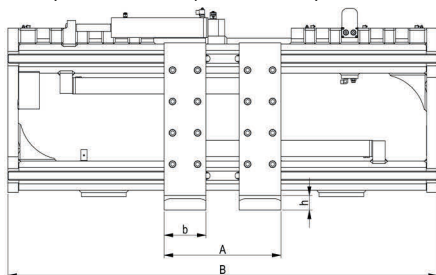
type	forks b x h mm
RZV 30-GS	125x50

Sideshifting fork positioner

RZV-GS
ISO IV

constant sideshift, bolt-on forks

The **sideshifting fork positioner RZV-GS** uses stable round bar guides for fork positioning. The simple design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position.



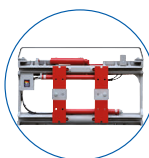
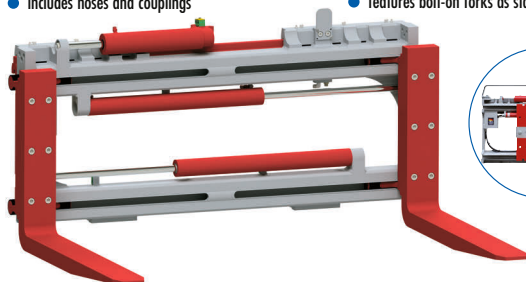
type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
RZV 50-GS	5000/600	5,0/600	IV	1250 1350 1450 1550	500-1340 500-1440 500-1540 500-1640	150x70x1200	+/- 100	180	278 286 278 271	649 661 687 713
RZV 60-GS	6000/600	6,0/600		1360 1460 1600 1660 1860	560-1460 560-1560 560-1700 560-1760 560-1960	150x70x1200	+/- 100 +/- 100 +/- 160 +/- 160 +/- 160	190	186 185 184 183 180	790 805 830 840 870
RZV 70-GS	7000/600	6,5-7,0/600		1460 1860 2060	560-1560 560-1960 560-2160	150x70x1200	+/- 100 +/- 160 +/- 160	190	188 183 180	835 930 980
RZV 80-GS	8000/600	8,0/600		1460 1800 1860 2000 2060 2160 2260 2400	560-1560 560-1900 560-1960 560-2100 560-2160 560-2260 560-2360 560-2500	200x70x1200	+/- 100 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160 +/- 160	190	195 189 189 187 186 185 183 179	915 975 985 995 1010 1035 1060 1110
RZV 100-GS	8000/900	8,0/900		2060 2160 2260 2400	560-2160 560-2260 560-2360 560-2500	200x80x1200	+/- 160	216	180 178 175 172	1230 1260 1285 1340
RZV 110-GS	8000/1100	8,0/1100		2060 2260 2400	560-2160 560-2360 560-2500	200x80x1200	+/- 160	218	190 186 183	1292 1348 1403

- 2 hydraulic functions required
- includes hoses and couplings

- constant sideshift as standard
- features bolt-on forks as standard

- for hook-on forks ISO 2328
- load backrest/protection strip see page 240
- quick release hooks (ISO IV) upon request
- for forks up to 2400 mm, longer please ask
- clamping of goods not allowed

option: protection strip



DURWEN
Forklift Attachments

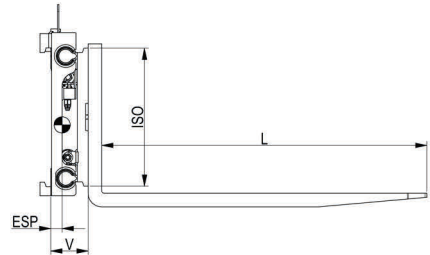
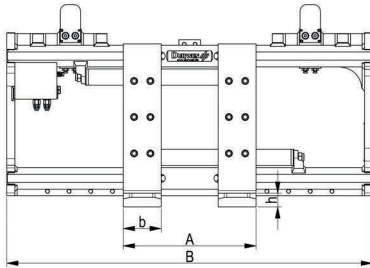
More than 75 years experience

Sideshifting fork positioner

RZV-G
ISO II

integral sideshift, bolt-on forks

The **sideshifting fork positioner RZV-G** uses stable round bar guides for fork positioning. The simple design offers reliability and excellent operator visibility. The valve sideshift is depending on fork position.



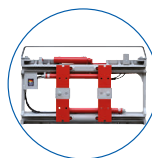
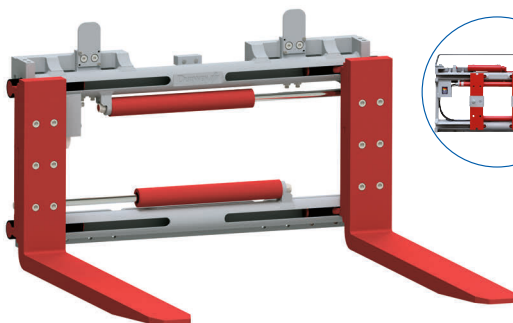
type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
RZV 16-G*	1600/500	1,0-1,6/500	II	850 980 1040	470-910 470-1040 470-1100	100x40x1200	126	229 228 224	215 220 228
RZV 20-G*	2000/500	1,8-2,0/500		850 980 1040 1100 1150	470-910 470-1040 470-1100 470-1160 470-1210	100x45x1200		225 222 221 219 218	220 224 232 327 242
RZV 25-G*	2500/500	2,0/600-2,5/500		980 1000 1040 1100 1150 1200 1350	490-1060 490-1080 490-1120 490-1180 490-1230 490-1280 490-1430	120x40x1200		220 220 218 216 215 215 213	229 230 239 244 252 257 268
RZV 28-G*	2500/600	2,5/600		1040 1150 1350	495-1125 495-1235 495-1435	125x45x1200		222 225 230	270 275 295

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- features bolt-on forks as standard
- for hook-on forks ISO 2328

- load backrest/protection strip see page 240
- quick release hooks (ISO II) upon request
- for forks up to 2400 mm, longer please ask
- clamping of goods not allowed

***Forks longer 1600 mm
cross section changes**

type	forks b x h mm
RZV 16-G	100x50
RZV 20-G	100x50
RZV 25-G	120x50
RZV 28-G	125x50



option: protection strip

DURWEN
Forklift Attachments

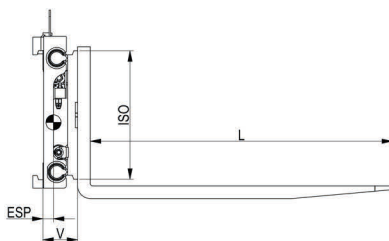
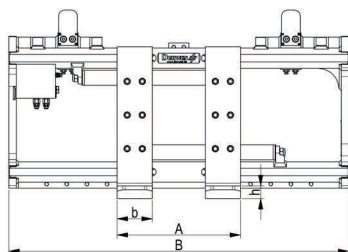
More than 75 years experience

Sideshifting fork positioner

RZV-G
ISO III

integral sideshift, bolt-on forks

The **sideshifting fork positioner RZV-G** uses stable round bar guides for fork positioning. The simple design offers reliability and excellent operator visibility. The valve sideshift is depending on fork position.

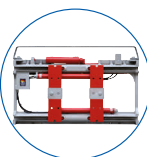
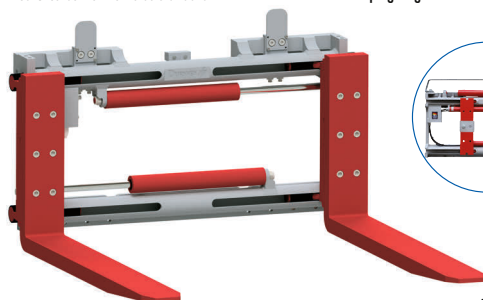


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
RZV 30-G*	3000/500	3,0/500	III	1040	495-1125	125x45x1200	138	210	290
				1100	495-1185			208	297
				1150	495-1235			205	305
				1200	495-1285			204	312
				1350	495-1435			203	320
RZY 35-G	3500/500	3,0/600- 3,5/500		1100	490-1180	140x50x1200	138	224	341
				1150	490-1230			222	345
				1200	490-1280			221	349
				1350	490-1430			218	360
RZY 40-G	4000/500	3,5/600- 4,0/500		1150	490-1230	140x50x1200	153	228	388
				1350	490-1430			225	400
				1550	490-1630			220	415
				1750*	490-1830			215	430
				2000**	490-2080			210	480
RZY 45-G	5000/600	4,0-5,0/600		1150	500-1240	150x60x1200	153	228	435
				1200	500-1290			227	439
				1250	500-1340			226	443
				1300	500-1390			226	447
				1350	500-1440			225	450
				1450	500-1540			223	458
				1550	500-1640			220	465
				1750*	500-1840			215	480
				2000**	500-2090			210	530

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- features bolt-on forks as standard

- for hook-on forks ISO 2328
- load backrest/protection strip see page 240
- quick release hooks (ISO III) upon request
- for forks up to 2400 mm, longer please ask
- clamping of goods not allowed

* minimum truck carriage width: 1450 mm
** minimum truck carriage width: 1750 mm



option: protection strip

*Forks longer 1600 mm
cross section changes

type	forks b x h mm
RZV 30-G	125x50

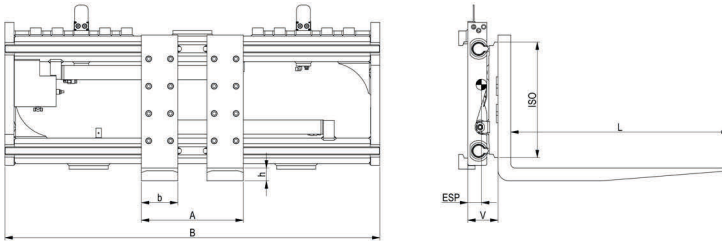
DURWEN
Forklift Attachments

More than 75 years experience

Sideshifting fork positioner

integral sideshift, bolt-on forks

The **sideshifting fork positioner RZV-G** uses stable round bar guides for fork positioning. The simple design offers reliability and excellent operator visibility. The valve sideshift is depending on fork position.

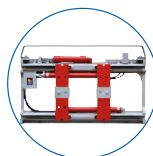
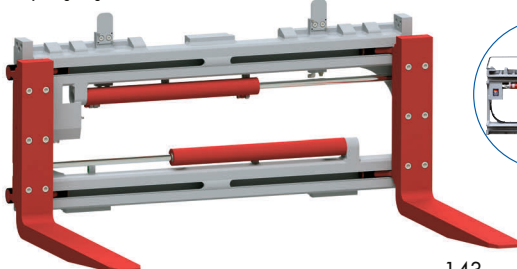


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
RZV 50-G	5000/600	5,0/600	IV	1250 1350 1450 1550	500-1340 500-1440 500-1540 500-1640	150x70x1200	163	300 295 290 285	588 601 614 627
RZV 60-G	6000/600	6,0/600		1360 1460 1600 1660 1860	560-1460 560-1560 560-1700 560-1760 560-1960	150x70x1200	165	186 185 184 183 180	730 745 770 780 810
RZV 70-G	7000/600	6,5-7,0/600		1460 1860 2060	560-1560 560-1960 560-2160	150x70x1200	165	188 183 180	765 845 885
RZV 80-G	8000/600	8,0/600		1460 1800 1860 2000 2060 2160 2260 2400	560-1560 560-1900 560-1960 560-2100 560-2160 560-2260 560-2360 560-2500	200x70x1200	165	195 189 189 187 186 185 183 179	790 875 890 920 930 955 980 1030
RZV 100-G	8000/900	8,0/900		2060 2160 2260 2400	560-2160 560-2260 560-2360 560-2500	200x80x1200	190	180 178 175 172	1120 1150 1180 1210
RZV 110-G	8000/1100	8,0/1100		2060 2260 2400	560-2160 560-2360 560-2500	200x80x1200	192	190 185 182	1185 1242 1272

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range

- features bolt-on forks as standard
- for hook-on forks ISO 2328
- load backrest/protection strip see page 240
- quick release hooks (ISO IV) upon request

- for forks up to 2400 mm, longer please ask
- clamping of goods not allowed

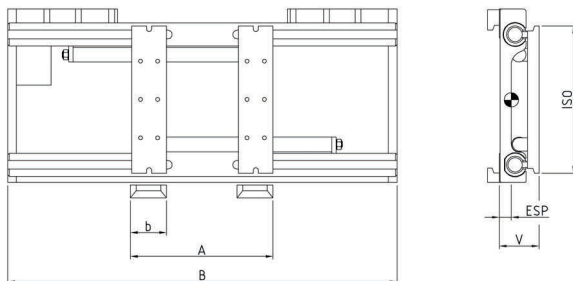


option: protection strip

Fork positioner for reach truck, no sideshift

RZV

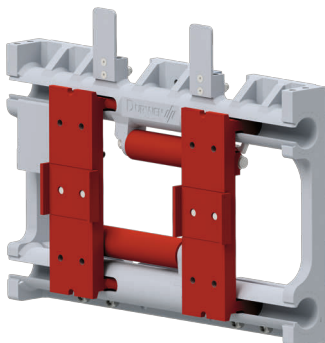
The **fork positioner range RZV** features round bar guides and can also be used with long forks. The well balanced frame design offers durability and excellent visibility. This model range features a small frame that supports the configuration of reach trucks. Clamping of goods is not allowed.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	b mm	V LLC mm	ESP COG mm	weight kg
RZV 25	2500/500	1,5-2,5/500	II	750 800 850 880	490-750 490-800 490-850 490-880	120	126	42	100 110 120 125
RZV 28	2500/600	2,5/600		750 800 850 880	490-750 490-800 490-850 490-880				110 115 125 130

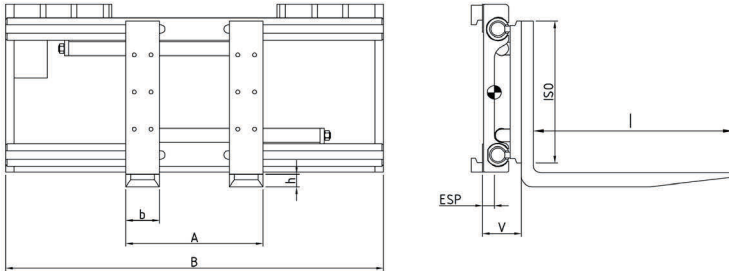
- 1 hydraulic function required
(2 hydraulic functions with integral sideshift)
- includes hoses and couplings
- for hook-on forks ISO 2328
- load backrest/protection strip see page 240
- please indicate fork width when ordering
- integral sideshift upon request
- **LLC spacer kit upon request (can increase LLC in steps up to 50 mm)**
- clamping of goods not allowed

Important note: The reach truck must be equipped with a collision prevention that prevents collision of fork positioner parts with the wheel legs or parts of the reach truck. This means usually that fork positioning and sideshift must be shut off with the attachment between the wheel legs. The reach truck carriage design must accommodate the mounting of an attachment. A **spacer kit** is available from Durwen. It allows the extension of the attachment mounting up to 50 mm giving extra space for carriage parts or reach truck parts that may protrude into the attachment mounting or operation space.



Fork positioner for reach truck, no sideshift, bolt-on forks

The fork positioner range **RZV G** features round bar guides and can also be used with long forks. The well balanced frame design offers durability and excellent visibility. This model range features a small frame that supports the configuration of reach trucks. Clamping of goods is not allowed.

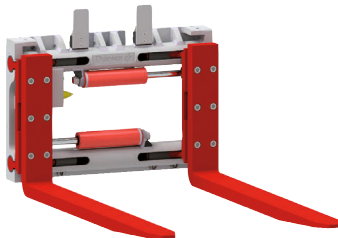


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x l mm	V LLC mm	ESP COG mm	weight kg
RZV 16-G*	1600/500	1,0-1,6/500	II	750 800 850 880	470-730 470-780 470-830 470-860	100x40x1200	126	285 273 263 258	198 208 218 223
RZV 20-G*	2000/500	1,8-2,0/500		750 800 850 880	470-730 470-780 470-830 470-860	100x45x1200		299 287 277 272	210 220 230 235
RZV 25-G*	2500/500	2,5/500		750 800 850 880	490-750 490-800 490-850 490-880	120x40x1200		307 295 284 279	218 228 238 243
RZV 28-G*	2500/600	2,5/600		750 800 850 880	495-755 495-805 495-855 495-885	125x45x1200		326 315 304 299	238 248 258 263

- 1 hydraulic function required (2 hydraulic functions with integral sideshift)
- includes hoses and couplings
- features bolt-on forks as standard (type RZV-G)
- load backrest/protection strip see page 240
- integral sideshift upon request
- ideshift upon request
- LLC spacer kit upon request (can increase LLC in steps up to 50 mm)
- clamping of goods not allowed

*Forks longer 1600 mm
cross section changes

type	forks b x h mm
RZV 16-G	100x50
RZV 20-G	100x50
RZV 25-G	120x50
RZV 28-G	125x50



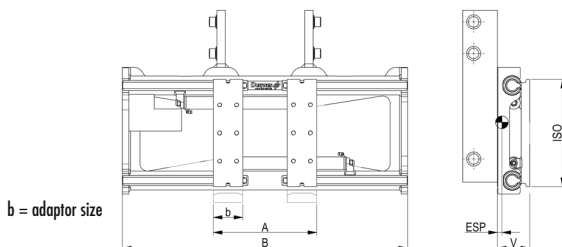
Important note: The reach truck must be equipped with a collision prevention that prevents collision of fork positioner parts with the wheel legs or parts of the reach truck. This means usually that fork positioning and sideshift must be shut off with the attachment between the wheel legs. The reach truck carriage design must accommodate the mounting of an attachment. A **spacer kit** is available from Durwen. It allows the extension of the attachment mounting up to 50 mm giving extra space for carriage parts or reach truck parts that may protrude into the attachment mounting or operation space.

Fork positioner

RZV-I
ISO II/III

integrated, integral sideshift, no forks

The fork positioner RZV-I has a stable round guide in which the two mounting plates are moved. Sideshift by valve allows sideshift depending on the opening range of the fork mounts. Standard forks according to ISO 2328 are used but bolt-on forks from our company can be retrofitted at any time. Very good visibility is to be emphasized which makes safe working possible. Euro pallets can be picked up lengthwise. In addition, this device is characterised by its compact design whereby the forklift retains the greatest possible residual load capacity. The delivery of the integrated fork positioner includes brackets, stubshafts and chain anchors.

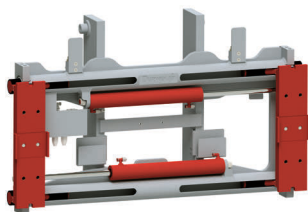


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	b (forks) mm	V LLC mm	ESP COG mm	weight kg
RZV 25-I	2500/500	1,5 - 2,5/500	II	980	490-1060	120	126	50	130
				1040	490-1120				135
				1150	490-1230				142
				1350	490-1430				155
RZV 28-I	2500/600	2,5/600	II	1040	490-1120	120	126	50	130
				1150	490-1230				142
				1350	490-1430				155
RZV 30-I	3000/500	3,0/500	III	1040	490-1120	120	138	55	160
				1150	490-1230				168
				1350	490-1430				180
RZV 35-I	3500/500	3,0/600- 3,5/500	III	1150	490-1230	140	138	55	170
				1350	490-1430				190
RZV 45-I	5000/500	3,5/600- 5,0/500	III	1150	490-1230	140	153	60	222
				1350	490-1430				240
				1550	490-1630				260
				1750	490-1830				280
				2000	490-2080				305
RZV 48-I	5000/600	5,0/600	III	1150	490-1230	140	153	60	227
				1350	490-1430				245
				1550	490-1630				265
				1750	490-1830				285
				2000	490-2080				310

- 2 hydraulic functions required
- without hoses and couplings
- includes sideshift via valve, depending on opening range
- for hook-on forks ISO 2328

- bolt-on forks can be used
- forks not included
- please indicate fork width when ordering
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details

- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed



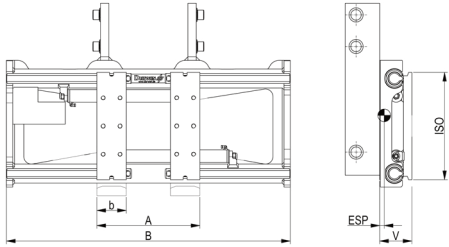
DURWEN
Forklift Attachments

More than 75 years experience

Fork positioner

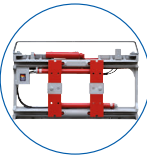
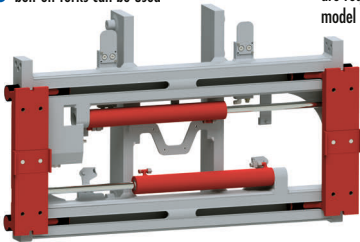
integrated, integral sideshift, no forks

The fork positioner RZV-I has a stable round guide in which the two mounting plates are moved. Sideshift by valve allows sideshift depending on the opening range of the fork mounts. Standard forks according to ISO 2328 are used but bolt-on forks from our company can be retrofitted at any time. Very good visibility is to be emphasized which makes safe working possible. Euro pallets can be picked up lengthwise. In addition, this device is characterised by its compact design whereby the forklift retains the greatest possible residual load capacity. The delivery of the integrated fork positioner includes brackets, stubshafts and chain anchors.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	b (forks) mm	V LLC mm	ESP COG mm	weight kg
RZV 50-I	5000/600	5,0/600	IV	1350 1450 1550	490-1430 490-1530 490-1630	140	163	65	300 315 330
RZV 60-I	6000/600	6,0/600		1460 1860	560-1560 560-1960	150	165	65	425 485
RZV 70-I	7000/600	6,5-7,0/600		1460 1860 2060	560-1560 560-1960 560-2160	150	165	65	435 495 530
RZV 80-I	8000/600	8,0/600		1460 1800 1860	560-1560 560-1900 560-1960	200	165	65	465 515 525
				2060 2160 2260	560-2160 560-2260 560-2360				555 573 590
				2400	560-2500				620
				2060 2160 2260	560-2160 560-2260 560-2360				715 738 760
				2400	560-2500				810
RZV 100-I	8000/900	8,0/900		2060 2160 2260 2400	560-2160 560-2260 560-2360 560-2500	200	190	75	775 825
RZV 110-I	8000/1100	8,0/1100	2060 2260 2400	560-2160 560-2360 560-2500	200	192	77	730 775 825	

- 2 hydraulic functions required
 - without hoses and couplings
 - includes sideshift via valve, depending on opening range
 - for hook-on forks ISO 2328
 - bolt-on forks can be used
- forks not included
 - please indicate fork width when ordering
 - including brackets, chain anchor and stub shafts, without rollers
 - detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets
 - LLC does not include forks
 - protection strip/load backrest see page 240
 - for forks up to 2400 mm, longer please ask
 - clamping of goods is not allowed



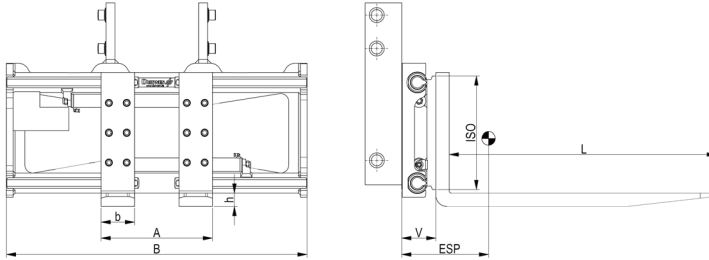
option: protection strip

Fork positioner

**RZV-IG
ISO II**

integrated, integral sideshift, bolt-on forks

The fork positioner RZV-IG with bolt-on forks has stable round bar guides in which the two mounting plates with forks are moved. Sideshift by valve allows sideshift depending on the opening range of the fork mounts. Standard ISO 2328 forks can also be used and the fork length can be up to 2400 mm. Very good visibility is to be emphasized which makes safe working possible. Euro pallets can be picked up lengthwise. In addition, this device is characterised by its compact design whereby the forklift retains the greatest possible residual load capacity. Delivery incl. brackets, stubshafts and chain anchors.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
RZY 16-IG*	1600/500	1,0-1,6/500	II	850 980 1040	470-910 470-1040 470-1100	100x40x1200	126	255 250 250	215 225 235
RZY 20-IG*	2000/500	1,8-2,0/500		850 980 1040 1150	470-910 470-1040 470-1100 470-1210	100x45x1200		280 270 265 265	225 240 245 250
RZY 25-IG*	2500/500	2,0/600-2,5/500		980 1040 1150 1350	490-1060 490-1120 490-1230 490-1430	120x40x1200		270 270 270 265	245 255 260 270
RZY 28-IG*	2500/600	2,5/600		1040 1150 1350	495-1125 495-1235 495-1435	125x45x1200		295 290 285	273 280 305

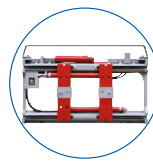
- 2 hydraulic functions required
- without hoses and couplings
- features bolt-on forks as standard
- sideshift via valve, depending on opening range
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers

- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed

***Forks longer 1600 mm
cross section changes**

type	forks b x h mm
RZV 16-IG	100x50
RZV 20-IG	100x50
RZV 25-IG	120x50
RZV 28-IG	125x50

option: protection strip



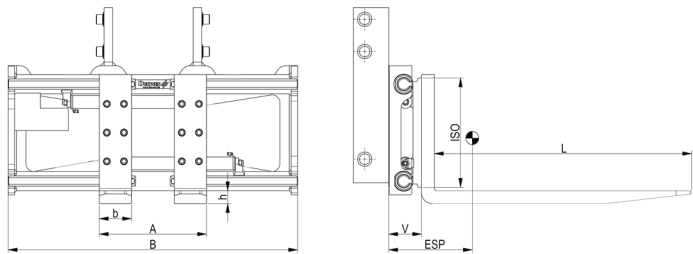
DURWEN
Forklift Attachments

More than 75 years experience

Fork positioner

integrated, integral sideshift, bolt-on forks

The fork positioner RZV-IG with bolt-on forks has stable round bar guides in which the two mounting plates with forks are moved. Sideshift by valve allows sideshift depending on the opening range of the fork mounts. Standard ISO 2328 forks can also be used and the fork length can be up to 2400 mm. Very good visibility is to be emphasized which makes safe working possible. Euro pallets can be picked up lengthwise. In addition, this device is characterised by its compact design whereby the forklift retains the greatest possible residual load capacity. Delivery incl. brackets, stubshafts and chain anchors.

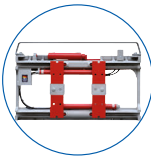
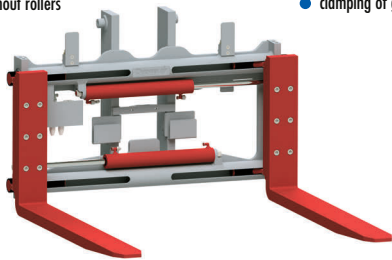


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
RZV 30 -IG*	3000/500	3,0/500	III	1040	495-1125	125x45x1200	138	273	300
				1150	495-1235			270	310
				1350	495-1435			265	325
RZV 35-IG	3500/500	3,0/600- 3,5/500		1150	490-1230	140x50x1200	138	295	350
				1350	490-1430			285	365
RZV 40-IG	4000/500	3,5/600- 4,0/500		1150	490-1230	140x50x1200	153	270	410
				1350	490-1430			260	430
				1550	490-1630			250	450
				1750	490-1830			240	520
				2000	490-2080			230	535
RZV 45-IG	5000/500	4,0/600- 5,0/500		1150	500-1240	150x60x1200	153	300	455
				1350	500-1440			290	478
				1550	500-1640			280	495
				1750	500-1840			270	515
				2000	500-2090			260	565
RZV 48-IG	5000/600	5,0/600		1150	500-1240	150x60x1200	153	300	460
				1350	500-1440			290	490
				1550	500-1640			280	505
				1750	500-1840			270	520
				2000	500-2090			260	570

- 2 hydraulic functions required
- without hoses and couplings
- features bolt-on forks as standard
- sideshift via valve, depending on opening range
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers

- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed

*Forks longer 1600 mm cross section changes	
type	forks b x h mm
RZV 30-IG	125x50



option: protection strip

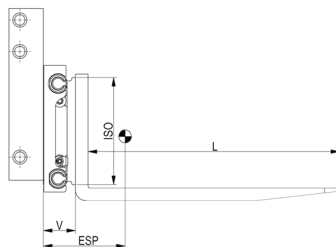
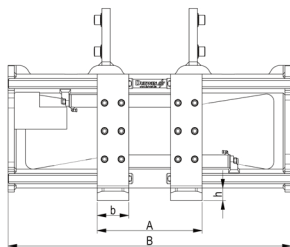
Fork positioner

**RZV-IG
ISO IV**

integrated, integral sideshift, bolt-on forks

The fork positioner RZV-IG with bolt-on forks has stable round bar guides in which the two mounting plates with forks are moved. Sideshift by valve allows sideshift depending on the opening range of the fork mounts. Standard ISO 2328 forks can also be used and the fork length can be up to 2400 mm. Very good visibility is to be emphasized which makes safe working possible. Euro pallets can be picked up lengthwise. In addition, this device is characterised by its compact design whereby the forklift retains the greatest possible residual load capacity.

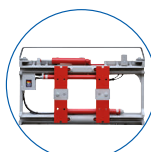
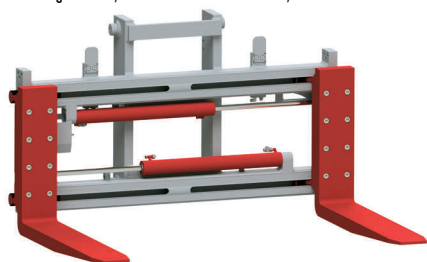
Delivery incl. brackets, stubshafts and chain anchors.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
RZV 50-IG	5000/600	5,0/600	IV	1350 1450 1550	500-1440 500-1540 500-1640	150x70x1200	163	295 290 285	600 615 630
RZV 60-IG	6000/600	6,0/600		1460 1860	560-1560 560-1960	150x70x1200	165	240 225	710 770
RZV 70-IG	7000/600	6,5-7,0/600		1460 1860 2060	560-1560 560-1960 560-2160	150x70x1200	165	235 220 215	720 780 820
RZV 80-IG	8000/600	8,0/600		1460 1800 1860 2060 2160 2260 2400	560-1560 560-1900 560-1960 560-2160 560-2260 560-2360 560-2500	200x70x1200	165	270 245 240 235 233 225 220	830 885 895 930 948 965 995
RZV 100-IG	8000/900	8,0/900		2060 2160 2260 2400	560-2160 560-2260 560-2360 560-2500	200x80x1200	190	240 238 235 230	1135 1160 1185 1230
RZV 110-IG	8000/1100	8,0/1100		2060 2260 2400	560-2160 560-2360 560-2500	200x80x1200	192	243 238 233	1150 1200 1245

- 2 hydraulic functions required
- without hoses and couplings
- features bolt-on forks as standard
- sideshift via valve, depending on opening range
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers

- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed



option: protection strip

DURWEN
Forklift Attachments

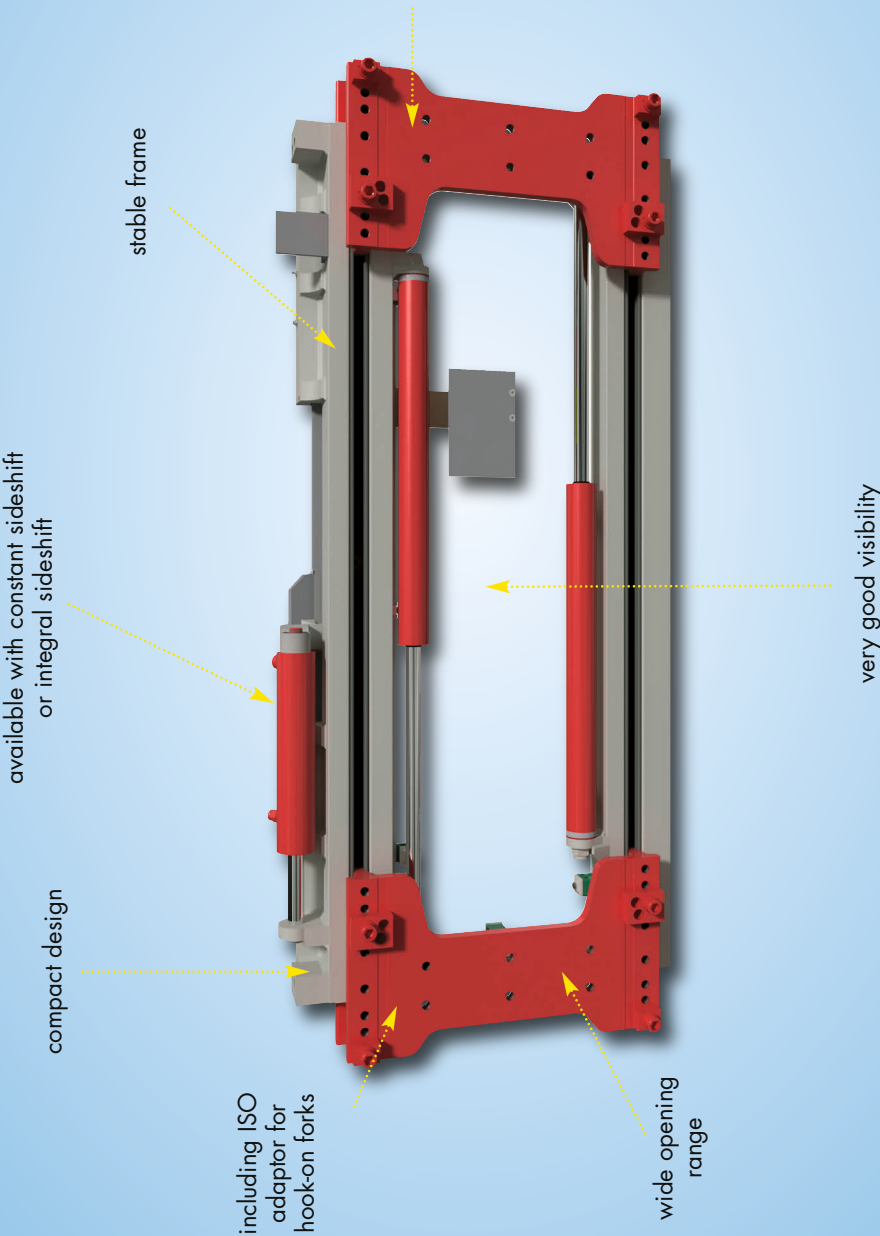
More than 75 years experience

Fork positioner type PZV

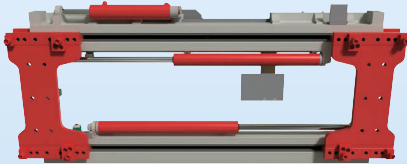


for hook-on
or bolt-on forks

Durwen app

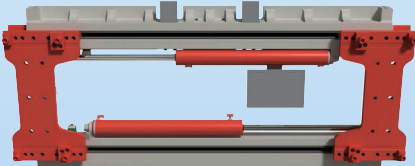


The fork positioner range **PZV** features T profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. The lost load center is very good which leads to good residual capacities. There is a wide range of attachments, with constant sideshift or integral sideshift, in combination with bolt-on forks or suitable for hook-on forks.



**type PZV-S, constant sideshift,
for hook-on forks**

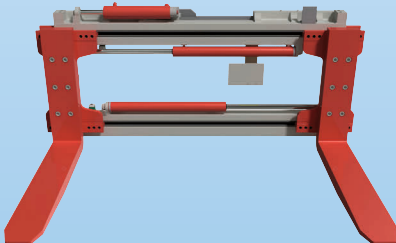
*sideshift see table



**type PZV, integral sideshift
(via valve), for hook-on forks**

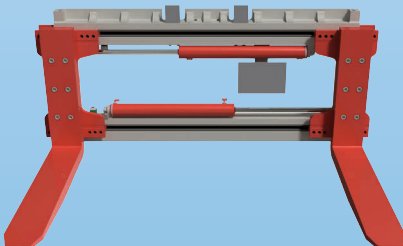
$$\text{max. sideshift} = \frac{\text{max. opening} - \text{min. opening}}{4}$$

min. sideshift = 0



**type PZV-GS, constant sideshift,
includes bolt-on forks**

*sideshift see table



**type PZV-G, integral sideshift
(via valve), includes bolt-on forks**

$$\text{max. sideshift} = \frac{\text{max. opening} - \text{min. opening}}{4}$$

min. sideshift = 0

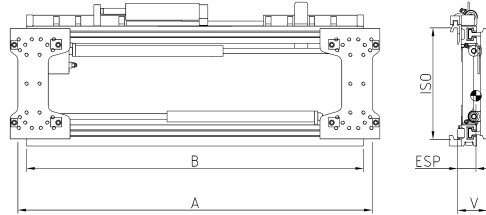


Sideshifting fork positioner

PZV-S
ISO II/III

constant sideshift, no forks

The **sideshifting fork positioner PZV-S** uses T profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. Hook-on forks can be used. The constant sideshift operates at any fork position.



type	capacity kg/mm LC	lift truck capacity to	ISO	A mm	B mm	sideshift mm	to suit fork width mm	V LLC mm	ESP COG mm	weight kg
PZV 20-S	2000/500	1,0-2,0/500	II	490-1060	980	+/- 100	80-150	122	55	161
				490-1120	1040				52	166
				490-1230	1150				45	176
PZV 25-S	2500/500	2,0-2,5/500	II	490-1060	980	+/- 100	80-150	122	55	161
				490-1120	1040				52	166
				490-1180	1100				50	171
				490-1230	1150				45	176
PZV 28-S	2500/600	2,5/600	II	490-1120	1040	+/- 100	80-150	122	52	166
				490-1180	1100				49	171
				490-1230	1150				45	176
PZV 30-S	3000/500	3,0/500	III	490-1120	1040	+/- 100	100-150	129	55	180
				490-1230	1150				50	190
				490-1280	1200				48	195
				490-1330	1250				45	200
				490-1430	1350				40	210
PZV 35-S	3500/500	3,0/600- 3,5/500	III	490-1120	1040	+/- 100	120-150	129	55	180
				490-1230	1150				50	190
				490-1280	1200				48	195
				490-1330	1250				45	200
				490-1430	1350				40	210
PZV 45-S	5000/500	3,5/600- 5,0/500	III	490-1230	1150	+/- 100	120-150	136	65	240
				490-1280	1200				64	242
				490-1330	1250				63	244
				490-1380	1300				62	248
				490-1390	1310				61	249
				490-1430	1350				60	252
				490-1530	1450				58	258
PZV 48-S	5000/600	5,0/600	III	490-1390	1310	+/- 100	120-150	136	60	252
				490-1430	1350				55	256

- 2 hydraulic functions required
- includes hoses and couplings
- for hook-on forks ISO 2328

- bolt-on forks can be used
- forks not included
- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask

- PZV 20-50 allow min. fork position 80 mm inside, PZV 60-110 allow min. fork position 160 mm inside
- clamping of goods not allowed

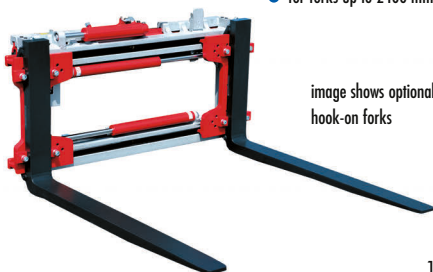


image shows optional
hook-on forks

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Forklift Attachments

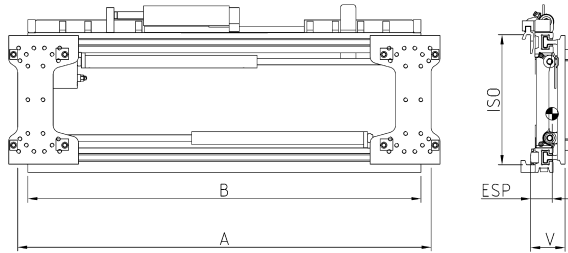
More than 75 years experience

Sideshifting fork positioner

PZV-S
ISO IV

constant sideshift, no forks

The **sideshifting fork positioner PZV-S** uses T profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. Hook-on forks can be used. The constant sideshift operates at any fork position.



type	capacity kg/mm LC	lift truck capacity to	ISO	A mm	B mm	sideshift mm	to suit fork width mm	V LLC mm	ESP COG mm	weight kg
PZV 50-S	5000/600	5,0/600	IV	490-1330	1250	+/- 100	130-150	158	65	310
				490-1430	1350				61	320
				490-1530	1450				58	330
PZV 60-S	6000/600	6,0/600	IV	560-1560	1460	+/- 100 +/-160	130-200	166	70	465
				560-1960	1860				65	545
PZV 80-S	8000/600	7,0-8,0/600	IV	560-1900	1800	+/-160	150-200	166	68	553
				560-1960	1860				65	565
				560-2160	2060				60	585
				560-2360	2260				55	605
				560-2500	2400				50	633
PZV 100-S	8000/900	8,0/900	IV	560-2160	2060	+/-160	150-200	194	78	725
				560-2360	2260				75	765
				560-2500	2400				70	795
PZV 110-S	8000/1100	8,0/1100	IV	560-2160	2060	+/-160	150-200	194	78	725
				560-2360	2260				75	765
				560-2500	2400				70	795

- 2 hydraulic functions required
- includes hoses and couplings
- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask
- PZV 20-50 allow min. fork position 80 mm inside, PZV 60-110 allow min. fork position 160 mm inside
- clamping of goods not allowed

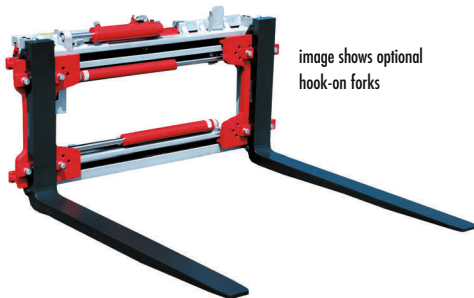


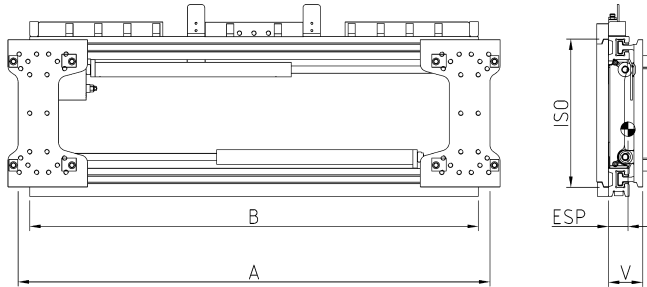
image shows optional
hook-on forks

Sideshifting fork positioner

PZV
ISO II/III

integral sideshift, no forks

The **sideshifting fork positioner PZV** uses T profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. Hook-on forks can be used. The integral sideshift is not available with forks fully open or fully closed.



type	capacity kg/mm LC	lift truck capacity to	ISO	A mm	B mm	to suit fork width mm	V LLC mm	ESP COG mm	weight kg
PZV 25	2500/500	1,5-2,5/500	II	490-1060	980	80-150	105	55	150
				490-1120	1040			50	155
				490-1180	1100			48	160
				490-1230	1150			40	165
PZV 28	2500/600	2,5/600	II	490-1120	1040	80-150	105	50	155
				490-1180	1100			48	160
				490-1230	1150			40	165
PZV 30	3000/500	3,0/500	III	490-1120	1040	100-150	113	60	177
				490-1230	1150			55	182
				490-1280	1200			45	187
				490-1330	1250			40	192
				490-1430	1350			35	202
PZV 35	3500/500	3,0/600-3,5/500	III	490-1120	1040	120-150	113	60	177
				490-1230	1150			55	182
				490-1280	1200			45	187
				490-1330	1250			40	192
				490-1430	1350			35	202
PZV 45	5000/500	3,5/600-5,0/500	III	490-1230	1150	120-150	120	66	212
				490-1330	1250			56	222
				490-1380	1300			51	227
				490-1390	1310			50	228
				490-1430	1350			45	232
				490-1530	1450			40	242
PZV 48	5000/600	5,0/600	III	490-1390	1310	120-150	120	45	231
				490-1430	1350			42	235

- 2 hydraulic functions required
- includes hoses and couplings
- for hook-on forks ISO 2328
- bolt-on forks can be used

- forks not included
- if no sideshift required indicate on your order
- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask

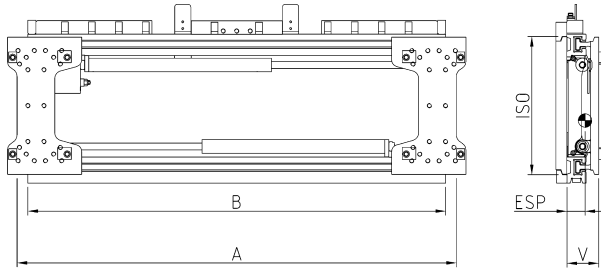
- PZV 20-50 allow min. fork position 80 mm inside, PZV 60-110 allow min. fork position 160 mm inside
- clamping of goods not allowed

Sideshifting fork positioner

**PZV
ISO IV**

integral sideshift, no forks

The **sideshifting fork positioner PZV** uses T profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. Hook-on forks can be used. The integral sideshift is not available with forks fully open or fully closed.



type	capacity kg/mm LC	lift truck capacity to	ISO	A mm	B mm	to suit fork width mm	V LLC mm	ESP COG mm	weight kg
PZV 50	5000/600	5,0/600	IV	490-1330	1250	130-150	135	55	270
				490-1430	1350			50	280
				490-1530	1450			45	290
PZV 60	6000/600	6,0/600	IV	560-1560	1460	130-200	143	75	405
				560-1960	1860			65	465
PZV 80	8000/600	7,0-8,0/600	IV	560-1900	1800	150-200	143	73	470
				560-1960	1860			70	485
				560-2160	2060			65	525
				560-2360	2260			60	565
				560-2500	2400			55	595
PZV 100	8000/900	8,0/900	IV	560-2160	2060	150-200	171	83	665
				560-2360	2260			80	705
				560-2500	2400			75	735
PZV 110	8000/1100	8,0/1100	IV	560-2160	2060	150-200	171	83	665
				560-2360	2260			80	705
				560-2500	2400			75	735

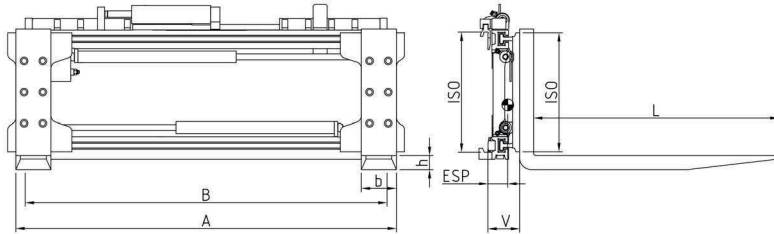
- 2 hydraulic functions required
- includes hoses and couplings
- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- if no sideshift required indicate on your order
- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask
- PZV 20-50 allow min. fork position 80 mm inside, PZV 60-110 allow min. fork position 160 mm inside
- clamping of goods not allowed

Sideshifting fork positioner

PZV-GS
ISO II/III

constant sideshift, bolt-on forks

The **sideshifting fork positioner PZV-GS** uses T profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position.



type	capacity kg/mm LC	lift truck capacity to	ISO	A mm	B mm	sideshift mm	forks mm	V LLC mm	ESP COG mm	weight kg
PZV 16-GS*	1600/500	1,6/500	II	470-910	850	+/-75	100x40x1200	122	240	250
				470-1040	980	+/-100			235	260
				470-1100	1040	+/-100			230	265
PZV 20-GS*	2000/500	1,8/500- 2,0/500	II	470-910	850	+/-75	100x45x1200	122	250	260
				470-1040	980	+/-100			245	270
				470-1110	1040	+/-100			240	275
				470-1210	1150	+/-100			235	283
PZV 25-GS*	2500/500	2,0/600- 2,5/500	II	490-1060	980	+/-100	120x40x1200	122	255	280
				490-1120	1040				250	285
				490-1180	1100				245	290
				490-1230	1150				240	293
PZV 28-GS*	2500/600	2,5/600	II	490-1120	1040	+/-100	125x45x1200	122	257	305
				490-1180	1100				252	310
				490-1230	1150				247	315
PZV 30-GS*	3000/500	3,0/500	III	490-1120	1040	+/-100	125x45x1200	129	261	330
				490-1230	1150				255	338
				490-1280	1200				250	343
				490-1330	1250				245	348
				490-1430	1350				240	358
PZV 35-GS	3500/500	3,0/600- 3,5/500	III	490-1120	1040	+/-100	140x50x1200	129	286	365
				490-1230	1150				280	373
				490-1280	1200				277	378
				490-1330	1250				275	383
				490-1430	1350				270	393
PZV 45-GS	5000/500	3,5/600- 5,0/500	III	490-1230	1150	+/-100	150x60x1200	136	295	457
				490-1280	1200				292	462
				490-1330	1250				290	467
				490-1380	1300				288	472
				490-1390	1310				287	473
				490-1430	1350				285	477
				490-1530	1450				280	487
PZV 48-GS	5000/600	5,0/600	III	490-1390	1310	+/-100	150x60x1200	136	282	476
				490-1430	1350				280	480

- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- bolt-on forks as standard
- for hook-on forks ISO 2328
- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask
- clamping of goods not allowed

*Forks longer 1600 mm cross section changes

type	forks b x h mm
PZV 16-GS	100x45
PZV 20-GS	100x50
PZV 25-GS	120x50
PZV 28-GS	125x50
PZV 30-GS	125x50

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Forklift Attachments

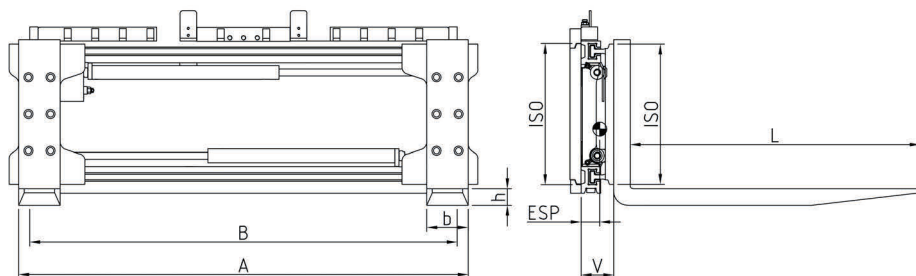
More than 75 years experience

Sideshifting fork positioner

PZV-GS
ISO IV

constant sideshift, bolt-on forks

The **sideshifting fork positioner PZV-GS** uses T profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position.



type	capacity kg/mm LC	lift truck capacity to	ISO	A mm	B mm	sideshift mm	forks mm	V LLC mm	ESP COG mm	weight kg
PZV 50-GS	5000/600	5,0/600	IV	490-1330	1250	+/-100	150x70x1200	158	295	610
				490-1430	1350				290	620
				490-1530	1450				285	630
PZV 60-GS	6000/600	6,0/600	IV	560-1560	1460	+/- 100 +/-160	150x70x1200	166	275	780
				560-1960	1860				255	860
PZV 80-GS	8000/600	7,0-8,0/600	IV	560-1900	1800	+/-160	200x70x1200	166	260	970
				560-1960	1860				255	980
				560-2160	2060				250	1020
				560-2360	2260				245	1060
				560-2500	2400				240	1090
PZV 100-GS	8000/900	8,0/900	IV	560-2160	2060	+/-160	200x80x1200	194	265	1180
				560-2360	2260				255	1220
				560-2500	2400				245	1250
PZV 110-GS	8000/1100	8,0/1100	IV	560-2160	2060	+/-160	200x80x1200	194	265	1180
				560-2360	2260				255	1220
				560-2500	2400				245	1250

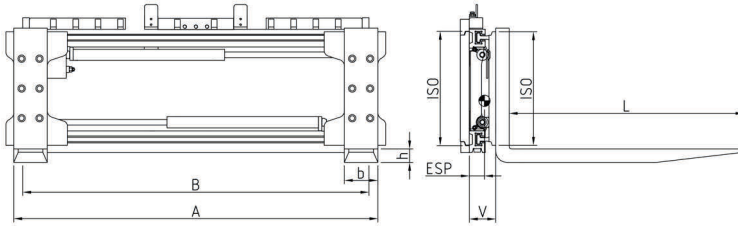
- 2 hydraulic functions required
- includes hoses and couplings
- constant sideshift as standard
- bolt-on forks as standard
- for hook-on forks ISO 2328
- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask
- clamping of goods not allowed

Sideshifting fork positioner

PZV-G
ISO II/III

integral sideshift, bolt-on forks

The **sideshifting fork positioner PZV-G** uses T profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. The integral sideshift depends on the actual fork position.



type	capacity kg/mm LC	lift truck capacity to	ISO	A mm	B mm	forks mm	V LLC mm	ESP COG mm	weight kg
PZV 16-G*	1600/500	1,6/500	II	470-910	850	100x40x1200	105	240	255
				470-1040	980			230	260
				470-1100	1040			225	270
PZV 20-G*	2000/500	1,8/500-2,0/500	II	470-910	850	100x45x1200	105	250	249
				470-1040	980			240	259
				470-1110	1040			235	264
				470-1210	1150			230	272
PZV 25-G*	2500/500	2,0/600-2,5/500	II	490-1060	980	120x40x1200	105	255	284
				490-1120	1040			245	287
				490-1180	1100			240	291
				490-1230	1150			235	296
PZV 28-G*	2500/600	2,5/600	II	490-1120	1040	125x45x1200	105	255	294
				490-1180	1100			250	299
				490-1230	1150			245	304
PZV 30-G*	3000/500	3,0/500	III	490-1120	1040	125x45x1200	113	255	312
				490-1230	1150			250	320
				490-1280	1200			245	325
				490-1330	1250			240	330
				490-1430	1350			230	340
PZV 35-G	3500/500	3,0/600-3,5/500	III	490-1120	1040	140x50x1200	113	280	347
				490-1230	1150			275	355
				490-1280	1200			270	360
				490-1330	1250			265	365
				490-1430	1350			255	375
PZV 45-G	5000/500	3,5/600-5,0/500	III	490-1230	1150	150x60x1200	120	300	444
				490-1330	1250			290	454
				490-1380	1300			285	459
				490-1390	1310			282	460
				490-1430	1350			280	465
				490-1530	1450			270	475
PZV 48-G	5000/600	5,0/600	III	490-1390	1310	150x60x1200	120	278	465
				490-1430	1350			275	470

- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- bolt-on forks as standard
- for hook-on forks ISO 2328
- protection strip/load backrest see page 240
- clamping of goods not allowed

*Forks longer 1600 mm cross section changes

type	forks b x h mm
PZV 16-G	100x45
PZV 20-G	100x50
PZV 25-G	120x50
PZV 28-G	125x50
PZV 30-G	125x50

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Forklift Attachments

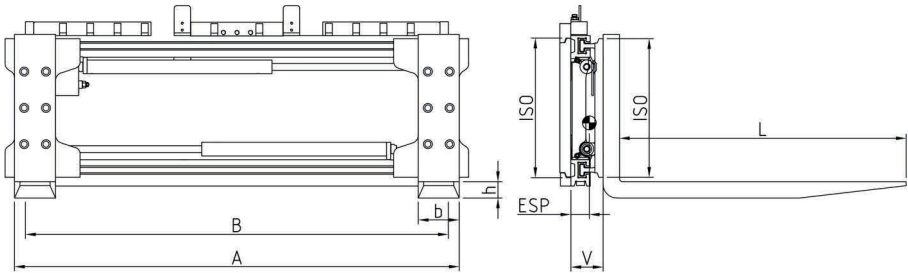
More than 75 years experience

Sideshifting fork positioner

PZV-G
ISO IV

integral sideshift, bolt-on forks

The **sideshifting fork positioner PZV-G** uses T profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. The integral sideshift depends on the actual fork position.



type	capacity kg/mm LC	lift truck capacity to	ISO	A mm	B mm	forks mm	V LLC mm	ESP COG mm	weight kg
PZV 50-G	5000/600	5,0/600	IV	490-1330	1250	150x70x1200	135	290	570
				490-1430	1350			285	580
				490-1530	1450			280	590
PZV 60-G	6000/600	6,0/600	IV	560-1560	1460	150x70x1200	143	270	740
				560-1960	1860			250	820
PZV 80-G	8000/600	7,0-8,0/600	IV	560-1900	1800	200x70x1200	143	285	930
				560-1960	1860			280	940
				560-2160	2060			270	960
				560-2360	2260			260	980
				560-2500	2400			250	1010
PZV 100-G	8000/900	8,0/900	IV	560-2160	2060	200x80x1200	171	270	1120
				560-2360	2260			260	1160
				560-2500	2400			250	1190
PZV 110-G	8000/1100	8,0/1100	IV	560-2160	2060	200x80x1200	171	270	1120
				560-2360	2260			260	1160
				560-2500	2400			250	1190

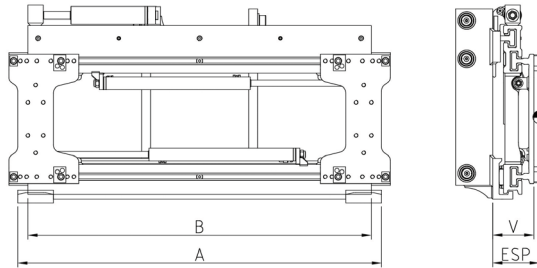
- 2 hydraulic functions required
- includes hoses and couplings
- includes sideshift via valve, depending on opening range
- bolt-on forks as standard
- for hook-on forks ISO 2328
- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask
- clamping of goods not allowed

Fork positioner

PZV-SI
ISO II/III

integrated, constant sideshift, no forks

The fork positioner PZV-SI uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. A constant sideshift allows the entire sideshift to be used in any fork position. The standard fork according to ISO 2328 is used. Low weight and a small lost load center support good residual capacity values.

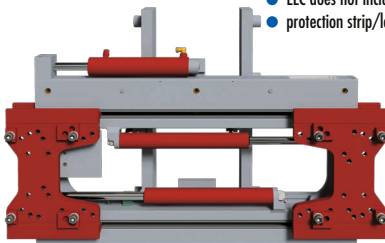


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	to suit fork width mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
PZV 25-SI	2500/500	1,0-2,5/500	II	980 1040 1100 1150	490-1060 490-1120 490-1180 490-1230	80-150	+/-100	133	40 35 34 33	215 220 225 228
PZV 28-SI	2500/600	2,5/600	II	1040 1100 1150	490-1120 490-1180 490-1230	80-150		138	35 34 33	220 224 228
PZV 30-SI	3000/500	3,0/500	III	1040 1150 1200 1250 1350	490-1120 490-1230 490-1280 490-1330 490-1430	100-150		146	45 40 39 38 36	247 255 259 263 272
PZV 35-SI	3500/500	3,0/600- 3,5/500	III	1040 1150 1200 1250 1350	490-1120 490-1230 490-1280 490-1330 490-1430	120-150		146	45 40 39 38 36	247 255 259 263 272
PZV 45-SI	5000/500	3,5/600- 5,0/500	III	1150 1250 1300 1310 1350 1450	490-1230 490-1330 490-1380 490-1390 490-1430 490-1530	120-150		162	45 43 42 41 40 38	346 352 355 357 360 366
PZV 48-SI	5000/600	5,0/600	III	1310 1350 1550	490-1390 490-1430 490-1630	120-150		162	41 40 35	357 360 372

- 2 hydraulic functions required
- without hoses and couplings
- constant sideshift as standard
- for hook-on forks ISO 2328
- bolt-on forks can be used

- forks not included
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 240

- for forks up to 2400 mm, longer please ask
- PZV 20-50 allow min. fork position 80 mm inside, PZV 60-110 allow min. fork position 160 mm inside
- clamping of goods is not allowed



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Forklift Attachments

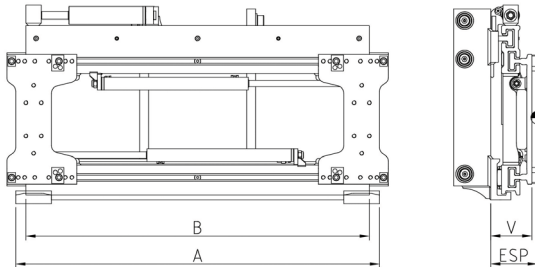
More than 75 years experience

Fork positioner

PZV-SI
ISO IV

integrated, constant sideshift, no forks

The fork positioner **PZV-SI** uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. A constant sideshift allows the entire sideshift to be used in any fork position. The standard fork according to ISO 2328 is used. Low weight and a small lost load center support good residual capacity values.

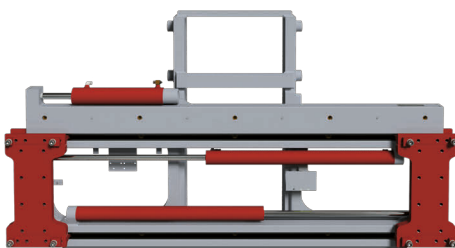


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	to suit fork width mm	sideshift mm	V LLC mm	ESP COG mm	weight kg			
PZV 50-SI	5000/600	5,0/600	IV	1250 1350 1450	490-1330 490-1430 490-1530	150	+/-100	177	60 57 53	380 395 405			
PZV 60-SI	6000/600	6,0/600		1460 1860	560-1560 560-1960	130-200	+/-100 +/-160	190	65 60	580 650			
PZV 70-SI	7000/600	6,5-7,0/600		1860 2060	560-1960 560-2160	150-200	+/-160	190	70 68	655 695			
PZV 80-SI	8000/600	8,0/600		1800 1860 2060	560-1900 560-1960 560-2160	150-200	+/-160	190	75 73 68	645 660 700			
				2260 2400	560-2360 560-2500				63 60	750 790			
				2060 2260 2400	560-2160 560-2360 560-2500				150-200	+/-160	226	73 70 65	1160 1210 1250
				2060 2260 2400	560-2160 560-2360 560-2500							73 70 65	1160 1210 1250
PZV 100-SI	8000/900	8,0/900		2060 2260 2400	560-2160 560-2360 560-2500	150-200	+/-160	226	73 70 65	1160 1210 1250			
PZV 110-SI	8000/1100	8,0/1100		2060 2260 2400	560-2160 560-2360 560-2500	150-200	+/-160	226	73 70 65	1160 1210 1250			

- 2 hydraulic functions required
- without hoses and couplings
- constant sideshift as standard
- for hook-on forks ISO 2328
- bolt-on forks can be used

- forks not included
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks

- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask
- PZV 20-50 allow min. fork position 80 mm inside, PZV 60-110 allow min. fork position 160 mm inside
- clamping of goods is not allowed



DURWEN 
Forklift Attachments

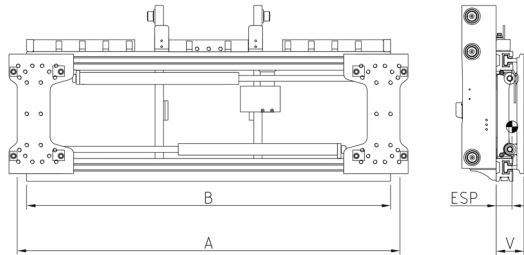
More than 75 years experience

Fork positioner

PZV-I
ISO II/III

integrated, integral sideshift (via valve), no forks

The fork positioner PZV-I uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. The standard fork according to ISO 2328 is used. The integral sideshift depends on the actual fork position.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	b mm	V LLC mm	ESP COG mm	weight kg
PZV 25-I	2500/500	1,5-2,5/500	II	980	490-1060	80-150	105	55	150
				1040	490-1120			50	155
				1100	490-1180			48	160
				1150	490-1230			40	165
PZV 28-I	2500/600	2,5/600	II	1040	490-1120	80-150	105	50	155
				1100	490-1180			45	160
				1150	490-1230			40	165
PZV 30-I	3000/500	3,0/500	III	1040	490-1120	100-150	113	60	177
				1150	490-1230			55	182
				1200	490-1280			45	187
				1250	490-1330			40	192
				1350	490-1430			35	202
PZV 35-I	3500/500	3,0/600-3,5/500	III	1040	490-1120	120-150	113	60	177
				1150	490-1230			55	182
				1200	490-1280			45	187
				1250	490-1330			40	192
				1350	490-1430			35	202
PZV 45-I	5000/500	3,5/600-5,0/500	III	1150	490-1230	120-150	120	66	212
				1250	490-1330			56	222
				1300	490-1380			51	227
				1310	490-1390			50	228
				1350	490-1430			45	232
				1450	490-1530			40	242
PZV 48-I	5000/600	5,0/600	III	1310	490-1390	120-150	120	45	231
				1350	490-1430			42	235

- 2 hydraulic functions required
- without hoses and couplings
- includes integral sideshift, depending on opening range
- for hook-on forks ISO 2328
- bolt-on forks can be used

- forks not included
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks

- load backrest/protection strip see page 240
- for forks up to 2400 mm, longer please ask
- PZV 20-50 allow min. fork position 80 mm inside, PZV 60-110 allow min. fork position 160 mm inside
- clamping of goods is not allowed

DURWEN
Forklift Attachments

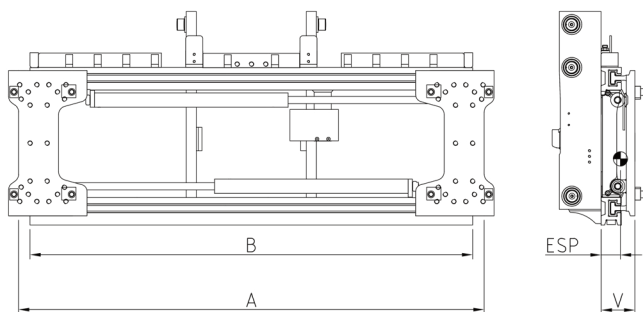
More than 75 years experience

Fork positioner

PZV-I
ISO IV

integrated, integral sideshift (via valve), no forks

The fork positioner **PZV-I** uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. The standard fork according to ISO 2328 is used. The integral sideshift depends on the actual fork position.



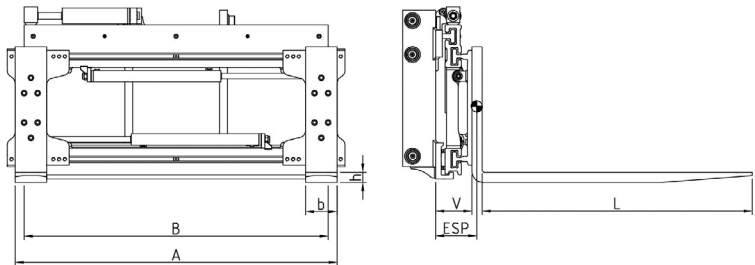
type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	b mm	V LLC mm	ESP COG mm	weight kg
PZV 50-I	5000/600	5,0/600	IV	1250	490-1330	130-150	135	55	270
				1350	490-1430			50	280
				1450	490-1530			45	290
PZV 60-I	6000/600	6,0/600	IV	1460	560-1560	130-200	143	75	405
				1860	560-1960			65	465
PZV 80-I	8000/600	7,0-8,0/600	IV	1800	560-1900	150-200	143	73	470
				1860	560-1960			70	485
				2060	560-2160			65	525
				2260	560-2360			60	565
				2400	560-2500			55	595
PZV 100-I	8000/900	8,0/900	IV	2060	560-2160	150-200	171	83	665
				2260	560-2360			80	705
				2400	560-2500			75	735
PZV 110-I	8000/1100	8,0/1100	IV	2060	560-2160	150-200	171	83	665
				2260	560-2360			80	705
				2400	560-2500			75	735

- 2 hydraulic functions required
- without hoses and couplings
- includes integral sideshift, depending on opening range
- for hook-on forks ISO 2328
- bolt-on forks can be used
- forks not included
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask
- PZV 20-50 allow min. fork position 80 mm inside, PZV 60-110 allow min. fork position 160 mm inside
- clamping of goods is not allowed

Fork positioner

integrated, constant sideshift, bolt-on forks

The fork positioner PZV-GSI uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. A constant sideshift allows the entire sideshift to be used in any fork position. Also prepared for the use of standard forks according to ISO 2328. Low weight and a small lost load center support a very good residual capacity. Bolt-on forks are included.

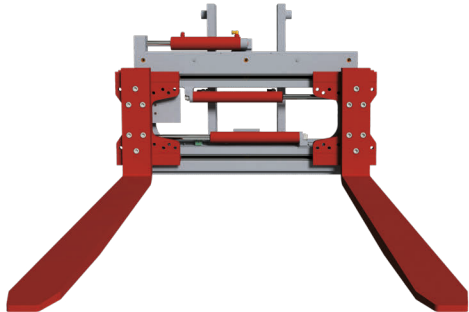


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
PZV 16-GSI*	1600/500	1,0-1,6/500	II	850 980 1040	470-910 470-1040 470-1100	100x40x1200	+/-75 +/-100 +/-100	133	230 225 220	307 318 323
PZV 20-GSI*	2000/500	1,8-2,0/500		850 980 1040 1150	470-910 470-1040 470-1100 470-1210	100x45x1200	+/-75 +/-100 +/-100 +/-100	133	225 220 216 215	319 330 335 343
PZV 25-GSI*	2500/500	2,0/600- 2,5/500		980 1040 1150	490-1060 490-1120 490-1230	120x40x1200	+/-100	133	215 213 210	340 345 353
PZV 28-GSI*	2500/600	2,5/600		1040 1150	495-1125 495-1235	125x45x1200	+/-100	138	220 215	380 388

- 2 hydraulic functions required
- without hoses and couplings
- constant sideshift as standard
- bolt-on forks as standard
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed

***Forks longer 1600 mm
cross section changes**

type	forks b x h mm
PZV 16-GSI	100x45
PZV 20-GSI	100x50
PZV 25-GSI	120x50
PZV 28-GSI	125x50

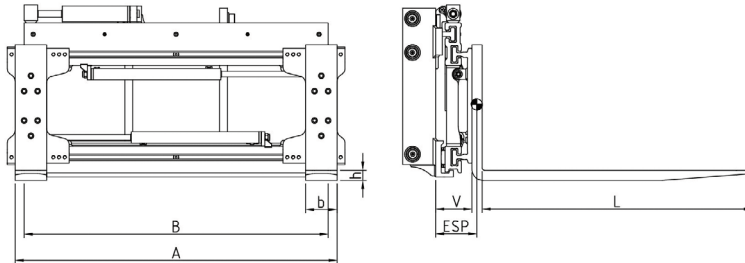


Fork positioner

PZV-GSI
ISO III

integrated, constant sideshift, bolt-on forks

The fork positioner **PZV-GSI** uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. A constant sideshift allows the entire sideshift to be used in any fork position. Also prepared for the use of standard forks according to ISO 2328. Low weight and a small lost load center support a very good residual capacity. Bolt-on forks are included.

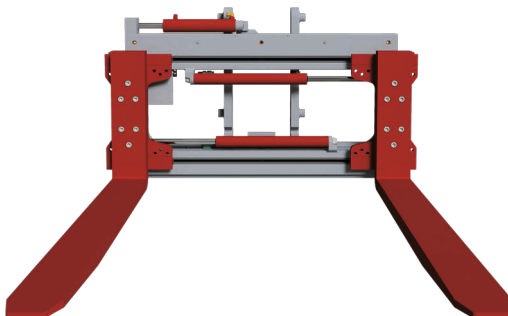


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
PZV 30-GSI*	3000/500	3,0/500	III	1040 1150 1350	475-1105 475-1215 475-1415	125x45x1200	+/-100	146	210 208 200	398 406 423
PZV 35-GSI	3500/500	3,0/600- 3,5/500		1150 1350	490-1230 490-1430	140x50x1200		146	215 205	451 468
PZV 45-GSI	5000/500	3,5/600- 5,0/500		1150 1350 1450	490-1230 490-1430 490-1530	150x60x1200		162	233 223 220	580 598 604
PZV 48-GSI	5000/600	5,0/600		1310 1350 1550	490-1390 490-1430 490-1630	150x60x1200		162	225 220 215	600 605 623

- 2 hydraulic functions required
- without hoses and couplings
- constant sideshift as standard
- bolt-on forks as standard
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed

***Forks longer 1600 mm
cross section changes**

type	forks b x h mm
PZV 30-GSI	125x50



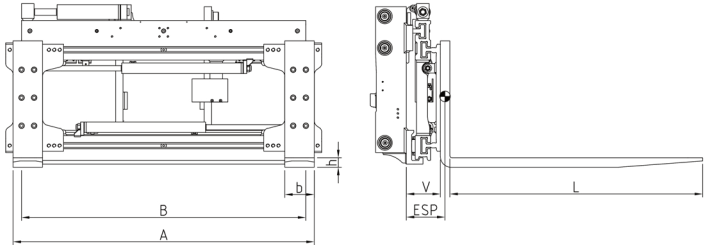
DURWEN 
Forklift Attachments

More than 75 years experience

Fork positioner

integrated, constant sideshift, bolt-on forks

The fork positioner PZV-GSI uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. A constant sideshift allows the entire sideshift to be used in any fork position. Also prepared for the use of standard forks according to ISO 2328. Low weight and a small lost load center support a very good residual capacity. Bolt-on forks are included.

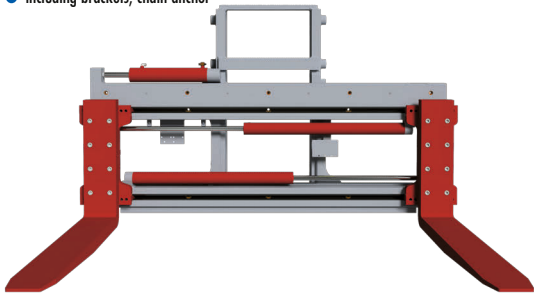


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
PZV 50-GSI	5000/600	5,0/600	IV	1250 1350 1450	490-1330 490-1430 490-1530	150x70x1200	+/-100	177	230 225 220	660 675 685
PZV 60-GSI	6000/600	6,0/600		1460 1860	560-1560 560-1960	150x70x1200	+/-100 +/-160	190	210 200	880 950
PZV 70-GSI	7000/600	6,5-7,0/600		1860 2060	560-1960 560-2160	150x70x1200	+/-160	190	200 190	950 990
PZV 80-GSI	8000/600	8,0/600		1800 1860 2060 2260 2400	560-1900 560-1960 560-2160 560-2360 560-2500	200x70x1200	+/-160	190	202 200 198 192 190	1055 1070 1110 1160 1200
				2060 2260 2400	560-2160 560-2360 560-2500				193 190 185	1610 1660 1700
				2060 2260 2400	560-2160 560-2360 560-2500				193 190 185	1610 1660 1700
				2060 2260 2400	560-2160 560-2360 560-2500				193 190 185	1610 1660 1700
PZV 100-GSI	8000/900	8,0/900	2060 2260 2400	560-2160 560-2360 560-2500	200x80x1200	+/-160	227	193 190 185	1610 1660 1700	
PZV 110-GSI	8000/1100	8,0/1100	2060 2260 2400	560-2160 560-2360 560-2500	200x80x1200	+/-160	227	193 190 185	1610 1660 1700	

- 2 hydraulic functions required
- without hoses and couplings
- constant sideshift as standard
- bolt-on forks as standard
- for hook-on forks ISO 2328
- including brackets, chain anchor

- and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets

- LLC does not include forks
- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed

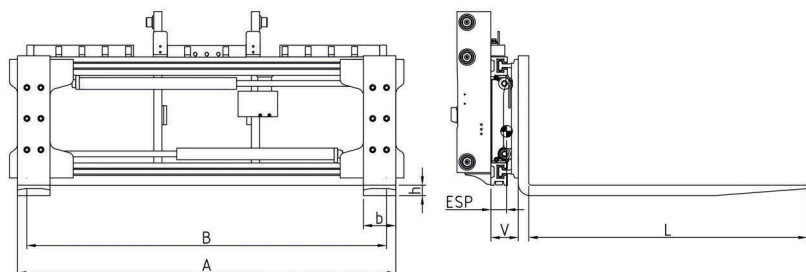


Fork positioner

PZV-IG
ISO II

integrated, integral sideshift, bolt-on forks

The fork positioner PZV-IG uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. An integral sideshift depends on the actual fork position. Also prepared for the use of standard forks according to ISO 2328. Bolt-on forks are included.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
PZV 16-IG*	1600/500	1,0-1,5/500	II	850	470-910	100x40x1200	114	240	270
				980	470-1040			230	260
				1040	470-1100			225	255
PZV 20-IG*	2000/500	1,8-2,0/500	II	850	470-910	100x45x1200	114	250	249
				980	470-1040			240	259
				1040	470-1100			235	264
				1150	470-1210			230	272
PZV 25-IG*	2500/500	2,0/600- 2,5/500	II	980	490-1060	120x40x1200	114	255	284
				1040	490-1120			245	287
				1100	490-1180			240	291
				1150	490-1230			235	296
PZV 28-IG*	2500/600	2,5/600	II	1040	495-1125	125x45x1200	114	255	294
				1100	495-1185			250	298
				1150	495-1235			245	304

- 2 hydraulic functions required
- without hoses and couplings
- includes integral sideshift, depending on opening range
- bolt-on forks as standard
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed

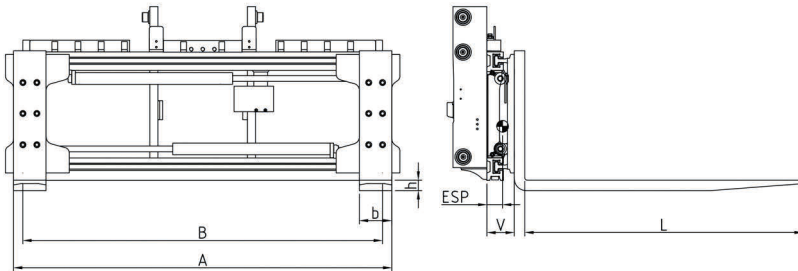
***Forks longer 1600 mm
cross section changes**

type	forks b x h mm
PZV 16-IG	100x45
PZV 20-IG	100x50
PZV 25-IG	120x50
PZV 28-IG	125x50

Sideshifting fork positioner

integrated, integral sideshift, bolt-on forks

The fork positioner **PZV-IG** uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. An integral sideshift depends on the actual fork position. Also prepared for the use of standard forks according to ISO 2328. Bolt-on forks are included.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
PZV 30-IG*	3000/500	3,0/500	III	1040	490-1120	125x45x1200	113	255	312
				1150	490-1230			250	320
				1200	490-1280			245	325
				1250	490-1330			240	330
				1350	490-1430			230	340
PZV 35-IG	3500/500	3,0/600- 3,5/500	III	1040	490-1120	140x50x1200	113	280	347
				1150	490-1230			275	355
				1200	490-1280			270	360
				1250	490-1330			265	365
				1350	490-1430			255	375
PZV 45-IG	5000/500	3,5/600- 5,0/500	III	1150	490-1230	150x60x1200	120	300	444
				1250	490-1330			290	454
				1300	490-1380			285	459
				1310	490-1390			282	460
				1350	490-1430			280	465
PZV 48-IG	5000/600	5,0/600	III	1450	490-1530	150x60x1200	120	270	475
				1310	490-1390			278	465
				1350	490-1430			275	475

- 2 hydraulic functions required
- without hoses and couplings
- includes integral sideshift, depending on opening range
- bolt-on forks as standard
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed

*Forks longer 1600 mm
cross section changes

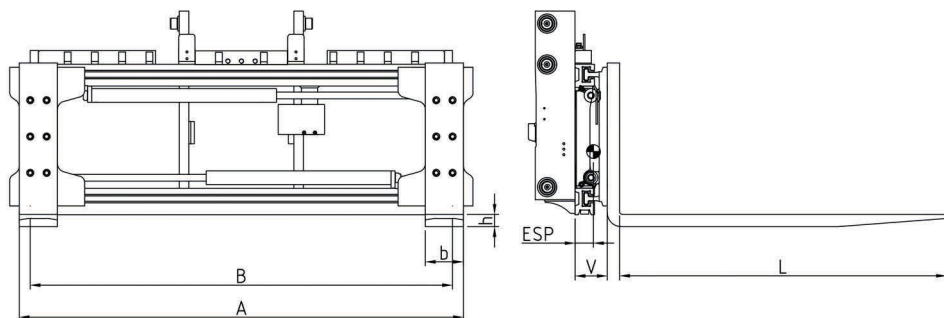
type	forks b x h mm
PZV 30-IG	125x50

Fork positioner

PZV-IG
ISO IV

integrated, integral sideshift, bolt-on forks

The fork positioner PZV-IG uses T-profiles to adjust the forks. The compact design offers reliability and excellent visibility for the driver. An integral sideshift depends on the actual fork position. Also prepared for the use of standard forks according to ISO 2328. Bolt-on forks are included.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
PZV 50-IG	5000/600	5,0/600	IV	1250	490-1330	150x70x1200	135	290	570
				1350	490-1430			285	580
				1450	490-1530			280	590
PZV 60-IG	6000/600	6,0/600	IV	1460	560-1560	150x70x1200	143	270	740
				1860	560-1960			250	820
PZV 80-IG	8000/600	7,0-8,0/600	IV	1800	560-1900	200x70x1200	143	285	930
				1860	560-1960			280	940
				2060	560-2160			270	960
				2260	560-2360			260	980
				2400	560-2500			250	1010
PZV 100-IG	8000/900	8,0/900	IV	2060	560-2160	200x80x1200	171	270	1120
				2260	560-2360			260	1160
				2400	560-2500			250	1190
PZV 110-IG	8000/1100	8,0/1100	IV	2060	560-2160	200x80x1200	171	270	1120
				2260	560-2360			260	1160
				2400	560-2500			250	1190

- 2 hydraulic functions required
- without hoses and couplings
- includes integral sideshift, depending on opening range
- bolt-on forks as standard
- for hook-on forks ISO 2328
- including brackets, chain anchor and stub shafts, without rollers

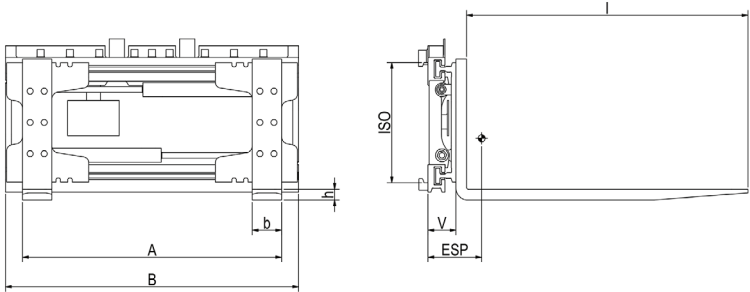
- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets
- LLC does not include forks
- protection strip/load backrest see page 240
- for forks up to 2400 mm, longer please ask
- clamping of goods is not allowed

Sideshifting fork positioner

PZV-GC

container version, integral sideshift, bolt-on forks

The **sideshifting fork positioner PZV-GC** uses T-profile guides for positioning of forks. Compact design offers reliability and excellent operator visibility. This container version is equipped with bolt-on forks. The enhanced sideshift eases loading in tight areas like containers and trailers.



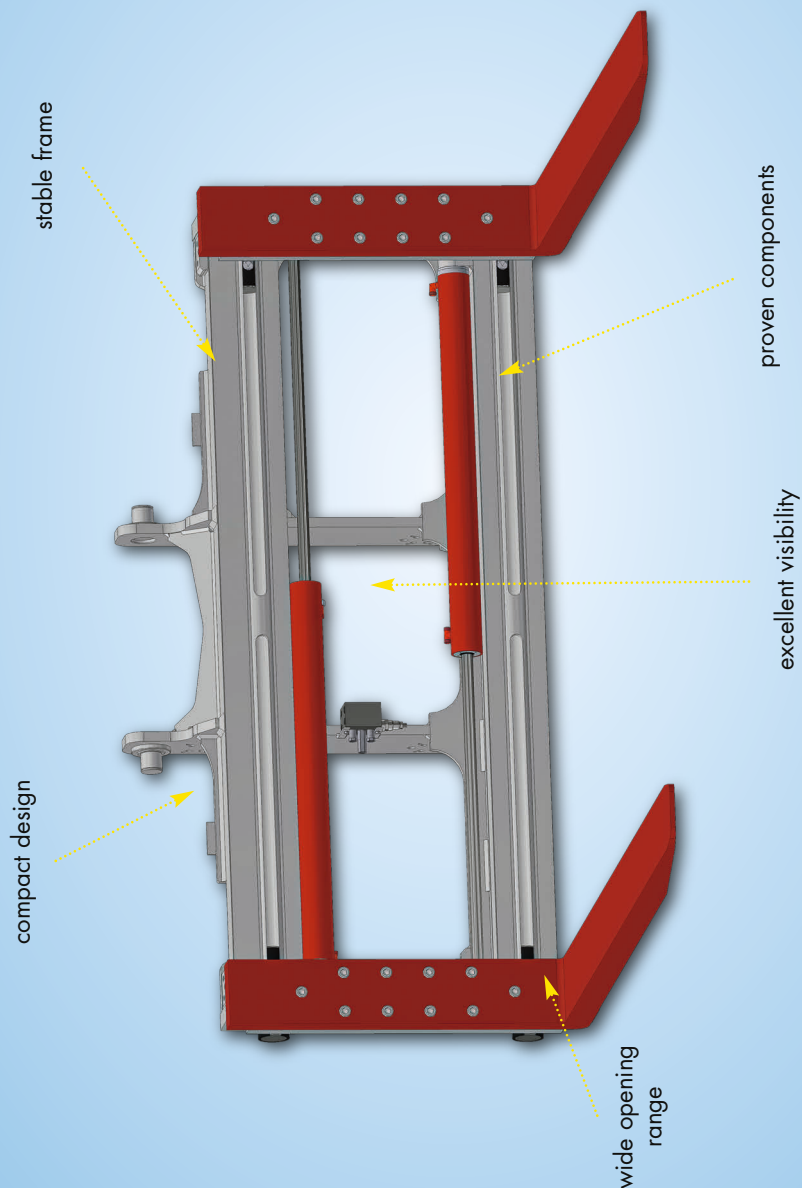
type	capacity kg/mm LC	forklift capacity to	ISO	B mm	A mm	forks b x h x l mm	max. sideshift (with fully closed forks) mm	V LLC mm	ESP COG mm	weight kg
PZV 25-GC	2500/500	1,5-2,5	II	1040 1150	510-870 560-1010	120x40x1200	+/- 180 mm, via valve +/- 225, via valve	114	215 212	265 273
PZV 28-GC	2500/600	2,5/600	II	1040 1150	510-870 560-1010	125x45x1200	+/- 180 mm, via valve +/- 225, via valve	119	220 215	295 300
PZV 30-GC	3000/500	3,0/500	III	1150 1250	560-1010 565-1105	125x45x1200	+/- 225 mm, via valve +/- 270, via valve	119	210 205	318 325
PZV 35-GC	3500/500	3,5/500	III	1150 1250	560-1010 565-1105	140x50x1200	+/- 225 mm, via valve +/- 270, via valve	119	215 210	357 367
PZV 45-GC	5000/500	4,0-5/500	III	1250 1400	565-1105 565-1185	150x60x1200	+/- 270 mm, via valve +/- 310, via valve	129	230 220	441 455

- 2 hydraulic functions required
- including hoses and couplings
- clamping of goods not allowed
- including bolt-on forks
- protection strip/load backrest see page 240

Fork positioner type RZV-IG



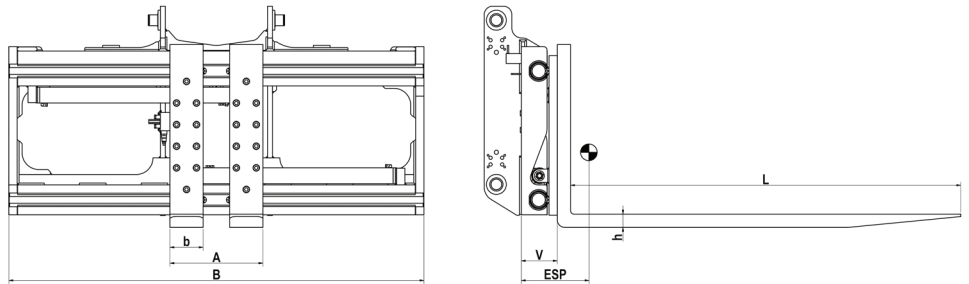
Durwen app



Fork positioners for heavy forklift trucks

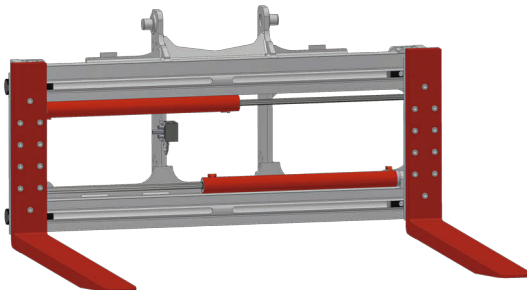
integrated, integral sideshift, bolt-on forks

The **fork positioner type RZV-IG** with bolt-on forks has stable round bar guides in which the two mounting plates with forks are moved. Sideshift by valve allows sideshift depending on the opening range (A). At the end positions, sideshift is not possible. Excellent visibility makes safe working possible. Euro pallets can be picked up lengthwise with units up to 200 mm fork width.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
RZV 95-IG	10000/600	10,0/600	integrated	2400	560-2500	200x80x2400	217	401	2085
RZV 105-IG	10000/900	10,0/900			560-2500	200x85x2400	217	503	2235
RZV 120-IG	12000/600	12,0/600			560-2500	200x80x2400	217	433	2180
RZV 130-IG	12000/1200	12,0/1200			560-2600	250x90x2400	285	525	2620
RZV 140-IG	14000/600	14,0/600			560-2500	200x90x2400	265	450	2315
RZV 150-IG	14000/1200	14,0/1200			560-2600	250x90x2400	285	525	2620
RZV 160-IG	16000/600	16,0/600			560-2500	200x90x2400	265	480	2385
RZV 180-IG	18000/600	18,0/600			560-2600	250x90x2400	285	525	2620
RZV 190-IG	16000/1200	16,0/1200			560-2600	250x100x2400	285	555	2750

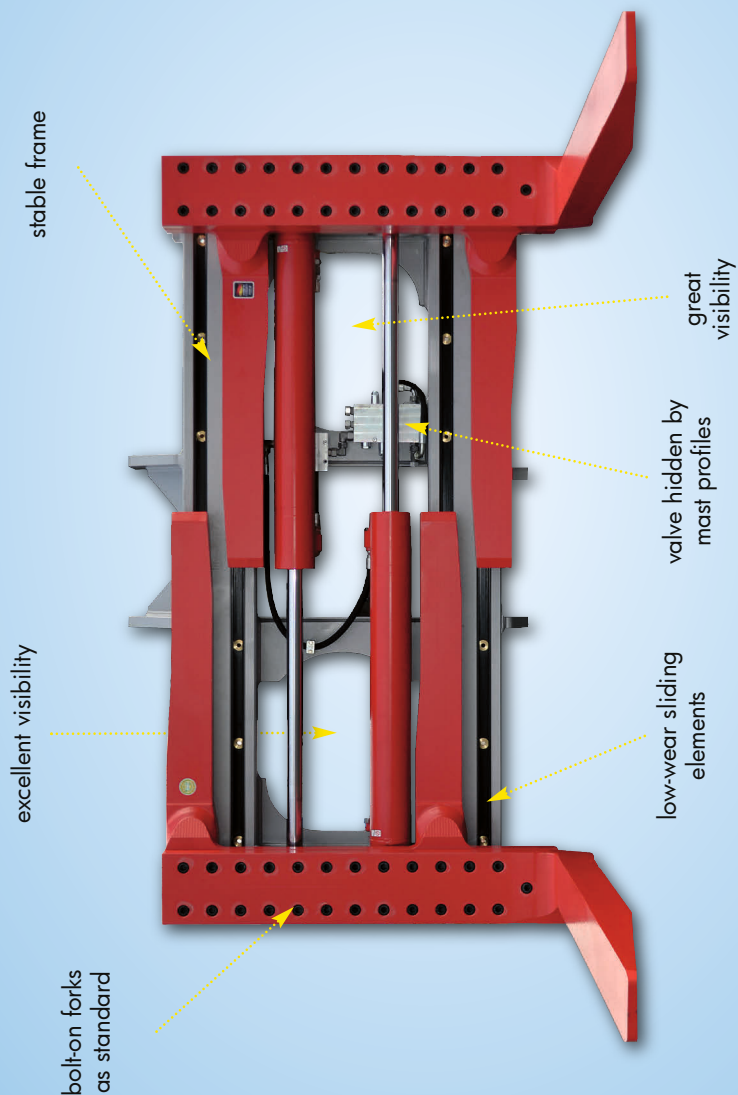
- 2 hydraulic functions required
- without hoses and couplings
- features bolt-on forks as standard
- sideshift via valve, dependent on opening range
- weight does not include brackets
- COG from front face of brackets
- LLC (V) from front face of brackets plus fork thickness
- clamping of goods is not allowed



Fork positioner type ZVP-I



Durwen app

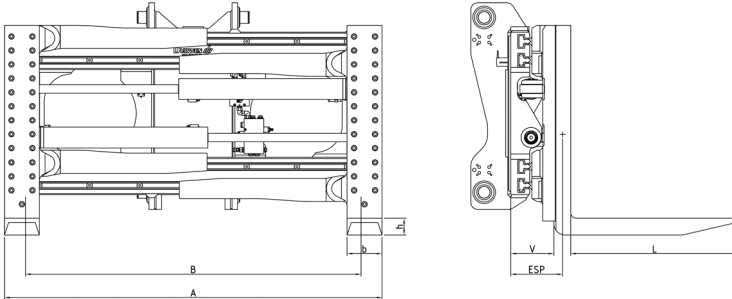


Fork positioners for heavy forklift trucks

ZVP-I

integrated, integral sideshift, bolt-on forks

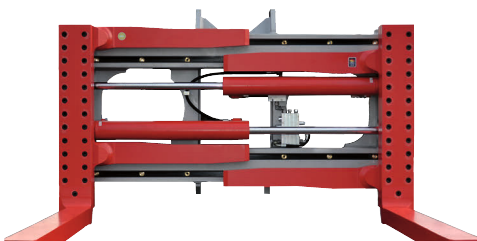
The fork positioner type ZVP-I for heavy forklift trucks on clamp frame basis is designed to allow fork spread beyond the width of the frame. This unit is ideal for applications where various opening ranges are required, from Euro pallet to long good materials. The ZVP series features integral sideshift as standard, dependent on the opening range. When the forks are at the max. position, sideshift is not possible. Integral mounting allows highest residual capacity results and minimised overall length.



type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
ZVP 95-I	10000/600	10,0/600	integrated	2400	560-2640	200x80x2400	308	300	2960
ZVP 105-I	10000/900	10,0/900			560-2640	200x85x2400	308	313	3015
ZVP 120-I	12000/600	12,0/600			560-2640	200x80x2400	308	308	3035
ZVP 130-I	12000/1200	12,0/1200			560-2540	250x90x2400	318	314	3295
ZVP 140-I	14000/600	14,0/600			560-2640	200x90x2400	313	310	3060
ZVP 150-I	14000/1200	14,0/1200			560-2540	250x90x2400	318	322	3395
ZVP 160-I	16000/600	16,0/600			560-2640	200x90x2400	313	313	3295
ZVP 180-I	18000/600	18,0/600			560-2540	250x90x2400	318	325	3495
ZVP 190-I	16000/1200	16,0/1200			560-2540	250x100x2400	328	330	3600

- 2 hydraulic functions required
- without hoses and couplings
- features bolt-on forks as standard
- sideshift via valve, dependent on opening range
- weight does not include brackets

- COG from front face of brackets
- LLC (V) from front face of brackets plus fork thickness
- clamping of goods is not allowed



DURWEN
Forklift Attachments

More than 75 years experience

Durwen MultiSense technology at a glance

The intelligent fork

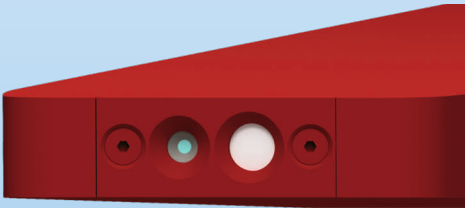
If the view is restricted by the load, you can only rely on your intuition. You no longer have to accept this. **SmartFork®** enables a better view on everything otherwise hidden, making your work a lot safer with an unobstructed view. Intuition meets precision – in a tool which makes working as efficient and safe as no other fork before.

7 good reasons for SmartFork® in Industry 4.0:

- Improve view: also when picking up loads
- Increase safety: for staff and goods
- Reduce damage: through improved view and intelligent sensors
- Lower costs: because of less damage to goods and packaging
- Upgrade ergonomics: unobstructed view without inconvenient twisting of head and upper body
- Save time: via safely navigating during transport and through faster workflow
- Simplify loading: integrated sensors in fork facilitate work

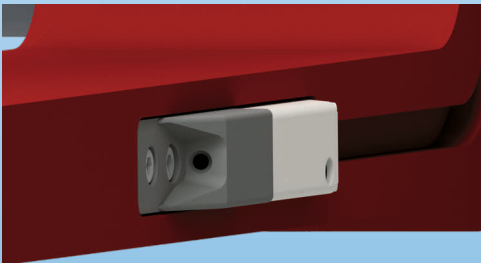
Durwen SmartFork® technology overview

SmartFork® FrontCam SF-F



- Expansion of visual field
- Targeting load carriers
- Safe loading
- Detecting obstacles with picked-up load
- For counterbalance and reach trucks
- Lighting for clear image

SmartFork® SideCam SF-S



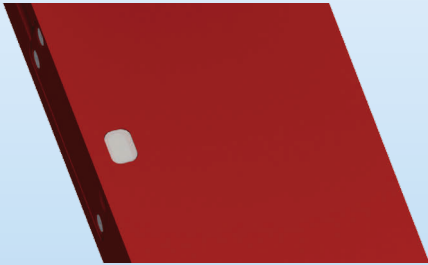
- Easier and safer entering of pallets
- Improved loading
- Both forks in visual field of camera
- Unique: partly integrated camera installation and cable routing inside fork
- Considerably more robust and durable solution compared to prior systems

SmartFork® Laser SF-L



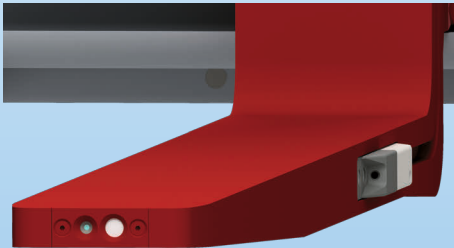
- Safe loading
- Precise targeting of load carriers
- Simple load handling in high-rack storage
- Less damage to goods
- Easy installation: operation via existent power supply or battery

SmartFork® Secure SF-SE



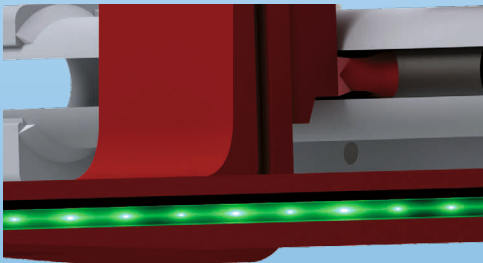
- Safe loading
- Easy detecting of pallet end
- No lifting of goods behind current load

SmartFork® PremiumCam SF-PC



- Automatic switch between sideward and front camera when loading/unloading
- Safe transport even in difficult situations
- Detection of distances or targeting of pallets in great heights
- Precise and easy entering of fork pocket
- Less damage to transport goods
- Best view ahead of goods/load

SmartFork® Flash



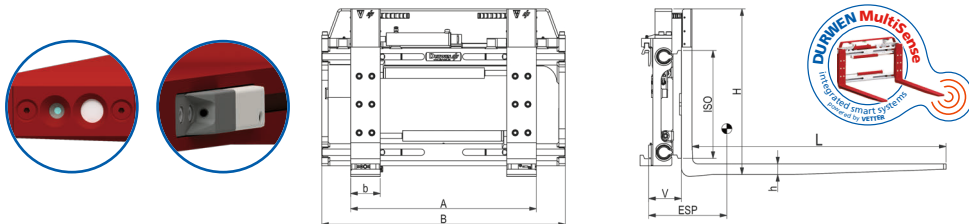
- Visible from a distance even in dark and complex work areas through installed LED's
- Reduction of accidents
- Higher work safety
- Applicable for entry depth determination
- Freely programmable display of LED's

Fork positioner

RZV-GS-SF-F
RZV-GS-SF-S

constant sideshift, bolt-on forks

The fork positioner RZV-GS has a stable round bar guide in which the carrier with bolt-on forks is positioned. Constant sideshift enables sideshifting completely at every fork position. Use of standard forks according to ISO 2328 is also possible.



FrontCam only

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
RZV 16-GS-SF-F*	1600/500	1,0-1,6/500	II	980	470-1040	100x40x1200	+/- 100	142	228	246
RZV 20-GS-SF-F*	2000/500	1,8-2,0/500	II	1040	470-1100	100x45x1200	+/- 100	142	221	258
RZV 25-GS-SF-F*	2500/500	2,5/500	II	1150	490-1230	120x40x1200	+/- 100	142	215	272
RZV 28-GS-SF-F*	2500/600	2,5/600	II	1150	495-1235	125x45x1200	+/- 100	142	218	278
RZV 30-GS-SF-F*	3000/500	3,0/500	III	1150	495-1235	125x45x1200	+/- 100	152	205	326
RZV 35-GS-SF-F	3500/500	3,0/600- 3,5/500	III	1150	490-1230	140x50x1200	+/- 100	152	222	368
RZV 40-GS-SF-F	4000/500	3,5/600- 4,0/500	III	1350	490-1430	140x50x1200	+/- 100	168	225	430
RZV 45-GS-SF-F	5000/600	4,0-5/600	III	1350	500-1440	150x60x1200	+/- 100	168	225	480

SideCam only

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
RZV 16-GS-SF-S*	1600/500	1,0-1,6/500	II	980	470-1040	100x40x1200	+/- 100	142	228	246
RZV 20-GS-SF-S*	2000/500	1,8-2,0/500	II	1040	470-1100	100x45x1200	+/- 100	142	221	258
RZV 25-GS-SF-S*	2500/500	2,5/500	II	1150	490-1230	120x40x1200	+/- 100	142	215	272
RZV 28-GS-SF-S*	2500/600	2,5/600	II	1150	495-1235	125x45x1200	+/- 100	142	218	278
RZV 30-GS-SF-S*	3000/500	3,0/500	III	1150	495-1235	125x45x1200	+/- 100	152	205	326
RZV 35-GS-SF-S	3500/500	3,0/600- 3,5/500	III	1150	490-1230	140x50x1200	+/- 100	152	222	368
RZV 40-GS-SF-S	4000/500	3,5/600- 4,0/500	III	1350	490-1430	140x50x1200	+/- 100	168	225	430
RZV 45-GS-SF-S	5000/600	4,0-5/600	III	1350	500-1440	150x60x1200	+/- 100	168	225	480

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- constant sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system

- protection strip with integrated hose guide as standard
- suitable for longer forks
- clamping of goods not allowed
- accessories see page 197

*for forks longer than 1600 mm the cross section might change, please ask

DURWEN
Forklift Attachments

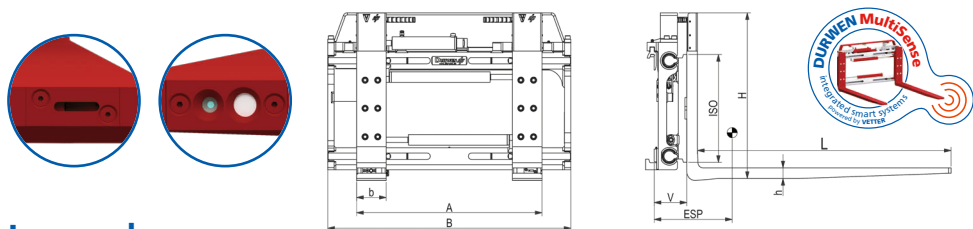
More than 75 years experience

Fork positioner

RZV-GS-SF-L
RZV-GS-SF-F-L

constant sideshift, bolt-on forks

The fork positioner **RZV-GS** has a stable round bar guide in which the carrier with bolt-on forks is positioned. Constant sideshift enables sideshifting completely at every fork position. Use of standard forks according to ISO 2328 is also possible.



Laser only

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
RZV 16-GS-SF-L*	1600/500	1,0-1,6/500	II	980	470-1040	100x40x1200	+/- 100	142	228	246
RZV 20-GS-SF-L*	2000/500	1,8-2,0/500	II	1040	470-1100	100x45x1200	+/- 100	142	221	258
RZV 25-GS-SF-L*	2500/500	2,5/500	II	1150	490-1230	120x40x1200	+/- 100	142	215	272
RZV 28-GS-SF-L*	2500/600	2,5/600	II	1150	495-1235	125x45x1200	+/- 100	142	218	278
RZV 30-GS-SF-L*	3000/500	3,0/500	III	1150	495-1235	125x45x1200	+/- 100	152	205	326
RZV 35-GS-SF-L	3500/500	3,0/600- 3,5/500	III	1150	490-1230	140x50x1200	+/- 100	152	222	368
RZV 40-GS-SF-L	4000/500	3,5/600- 4,0/500	III	1350	490-1430	140x50x1200	+/- 100	168	225	430
RZV 45-GS-SF-L	5000/600	4,0-5/600	III	1350	500-1440	150x60x1200	+/- 100	168	225	480

FrontCam + Laser

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
RZV 16-GS-SF-F-L*	1600/500	1,0-1,6/500	II	980	470-1040	100x40x1200	+/- 100	142	228	246
RZV 20-GS-SF-F-L*	2000/500	1,8-2,0/500	II	1040	470-1100	100x45x1200	+/- 100	142	221	258
RZV 25-GS-SF-F-L*	2500/500	2,5/500	II	1150	490-1230	120x40x1200	+/- 100	142	215	272
RZV 28-GS-SF-F-L*	2500/600	2,5/600	II	1150	495-1235	125x45x1200	+/- 100	142	218	278
RZV 30-GS-SF-F-L*	3000/500	3,0/500	III	1150	495-1235	125x45x1200	+/- 100	152	205	326
RZV 35-GS-SF-F-L	3500/500	3,0/600- 3,5/500	III	1150	490-1230	140x50x1200	+/- 100	152	222	368
RZV 40-GS-SF-F-L	4000/500	3,5/600- 4,0/500	III	1350	490-1430	140x50x1200	+/- 100	168	225	430
RZV 45-GS-SF-F-L	5000/600	4,0-5/600	III	1350	500-1440	150x60x1200	+/- 100	168	225	480

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- constant sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system

- protection strip with integrated hose guide as standard
- suitable for longer forks
- clamping of goods not allowed
- accessories see page 197

*for forks longer than 1600 mm the cross section
might change, please ask

DURWEN
Forklift Attachments

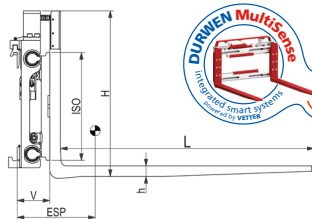
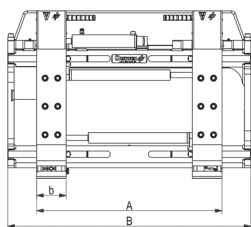
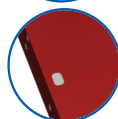
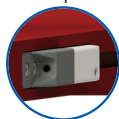
More than 75 years experience

Fork positioner

RZV-GS-SF-S-L
RZV-GS-SF-F-L-SE

constant sideshift, bolt-on forks

The **fork positioner RZV-GS** has a stable round bar guide in which the carrier with bolt-on forks is positioned. Constant sideshift enables sideshifting completely at every fork position. Use of standard forks according to ISO 2328 is also possible.



SideCam + Laser

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
RZV 16-GS-SF-S-L*	1600/500	1,0-1,6/500	II	980	470-1040	100x40x1200	+/- 100	142	228	246
RZV 20-GS-SF-S-L*	2000/500	1,8-2,0/500	II	1040	470-1100	100x45x1200	+/- 100	142	221	258
RZV 25-GS-SF-S-L*	2500/500	2,5/500	II	1150	490-1230	120x40x1200	+/- 100	142	215	272
RZV 28-GS-SF-S-L*	2500/600	2,5/600	II	1150	495-1235	125x45x1200	+/- 100	142	218	278
RZV 30-GS-SF-S-L*	3000/500	3,0/500	III	1150	495-1235	125x45x1200	+/- 100	152	205	326
RZV 35-GS-SF-S-L	3500/500	3,0/600- 3,5/500	III	1150	490-1230	140x50x1200	+/- 100	152	222	368
RZV 40-GS-SF-S-L	4000/500	3,5/600- 4,0/500	III	1350	490-1430	140x50x1200	+/- 100	168	225	430
RZV 45-GS-SF-S-L	5000/600	4,0-5/600	III	1350	500-1440	150x60x1200	+/- 100	168	225	480

FrontCam + Laser + Secure

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
RZV 16-GS-SF-F-L-SE*	1600/500	1,0-1,6/500	II	980	470-1040	100x40x1200	+/- 100	142	228	246
RZV 20-GS-SF-F-L-SE*	2000/500	1,8-2,0/500	II	1040	470-1100	100x45x1200	+/- 100	142	221	258
RZV 25-GS-SF-F-L-SE*	2500/500	2,5/500	II	1150	490-1230	120x40x1200	+/- 100	142	215	272
RZV 28-GS-SF-F-L-SE*	2500/600	2,5/600	II	1150	495-1235	125x45x1200	+/- 100	142	218	278
RZV 30-GS-SF-F-L-SE*	3000/500	3,0/500	III	1150	495-1235	125x45x1200	+/- 100	152	205	326
RZV 35-GS-SF-F-L-SE	3500/500	3,0/600- 3,5/500	III	1150	490-1230	140x50x1200	+/- 100	152	222	368
RZV 40-GS-SF-F-L-SE	4000/500	3,5/600- 4,0/500	III	1350	490-1430	140x50x1200	+/- 100	168	225	430
RZV 45-GS-SF-F-L-SE	5000/600	4,0-5/600	III	1350	500-1440	150x60x1200	+/- 100	168	225	480

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- constant sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system

- protection strip with integrated hose guide as standard
- suitable for longer forks
- clamping of goods not allowed
- accessories see page 197

*for forks longer than 1600 mm the cross section might change, please ask

DURWEN
Forklift Attachments

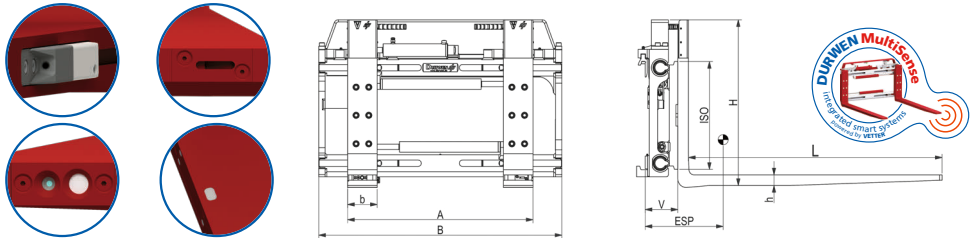
More than 75 years experience

Fork positioner

RZV-GS-SF-S-L-SE
RZV-GS-SF-PC

constant sideshift, bolt-on forks

The fork positioner **RZV-GS** has a stable round bar guide in which the carrier with bolt-on forks is positioned. Constant sideshift enables sideshifting completely at every fork position. Use of standard forks according to ISO 2328 is also possible.



SideCam + Laser + Secure

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
RZV 16-GS-SF-S-L-SE*	1600/500	1,0-1,6/500	II	980	470-1040	100x40x1200	+/- 100	142	228	246
RZV 20-GS-SF-S-L-SE*	2000/500	1,8-2,0/500	II	1040	470-1100	100x45x1200	+/- 100	142	221	258
RZV 25-GS-SF-S-L-SE*	2500/500	2,5/500	II	1150	490-1230	120x40x1200	+/- 100	142	215	272
RZV 28-GS-SF-S-L-SE*	2500/600	2,5/600	II	1150	495-1235	125x45x1200	+/- 100	142	218	278
RZV 30-GS-SF-S-L-SE*	3000/500	3,0/500	III	1150	495-1235	125x45x1200	+/- 100	152	205	326
RZV 35-GS-SF-S-L-SE	3500/500	3,0/600- 3,5/500	III	1150	490-1230	140x50x1200	+/- 100	152	222	368
RZV 40-GS-SF-S-L-SE	4000/500	3,5/600- 4,0/500	III	1350	490-1430	140x50x1200	+/- 100	168	225	430
RZV 45-GS-SF-S-L-SE	5000/600	4,0-5/600	III	1350	500-1440	150x60x1200	+/- 100	168	225	480

PremiumCam (FrontCam + SideCam)

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
RZV 16-GS-SF-PC*	1600/500	1,0-1,6/500	II	980	470-1040	100x40x1200	+/- 100	142	228	246
RZV 20-GS-SF-PC*	2000/500	1,8-2,0/500	II	1040	470-1100	100x45x1200	+/- 100	142	221	258
RZV 25-GS-SF-PC*	2500/500	2,5/500	II	1150	490-1230	120x40x1200	+/- 100	142	215	272
RZV 28-GS-SF-PC*	2500/600	2,5/600	II	1150	495-1235	125x45x1200	+/- 100	142	218	278
RZV 30-GS-SF-PC*	3000/500	3,0/500	III	1150	495-1235	125x45x1200	+/- 100	152	205	326
RZV 35-GS-SF-PC	3500/500	3,0/600- 3,5/500	III	1150	490-1230	140x50x1200	+/- 100	152	222	368
RZV 40-GS-SF-PC	4000/500	3,5/600- 4,0/500	III	1350	490-1430	140x50x1200	+/- 100	168	225	430
RZV 45-GS-SF-PC	5000/600	4,0-5/600	III	1350	500-1440	150x60x1200	+/- 100	168	225	480

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- constant sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system

- protection strip with integrated hose guide as standard
- suitable for longer forks
- clamping of goods not allowed
- accessories see page 197

*for forks longer than 1600 mm the cross section
might change, please ask

DURWEN
Forklift Attachments

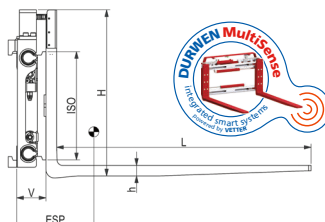
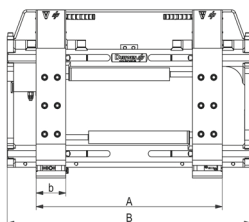
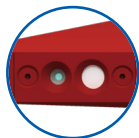
More than 75 years experience

Fork positioner

RZV-G-SF-F
RZV-G-SF-S

integral sideshift, bolt-on forks

The **fork positioner RZV-G** has a stable round bar guide in which the carrier with bolt-on forks is positioned. Integral sideshift enables sideshifting dependent on opening range of the forks. Use of standard forks according to ISO 2328 is also possible.



FrontCam only

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
RZV 16-G-SF-F*	1600/500	1,0-1,6/500	II	980	470-1040	100x40x1200	126	228	220
RZV 20-G-SF-F*	2000/500	1,8-2,0/500	II	1040	470-1100	100x45x1200	126	221	232
RZV 25-G-SF-F*	2500/500	2,5/500	II	1150	490-1230	120x40x1200	126	215	252
RZV 28-G-SF-F*	2500/600	2,5/600	II	1150	495-1235	125x45x1200	126	225	275
RZV 30-G-SF-F*	3000/500	3,0/500	III	1150	495-1235	125x45x1200	138	205	305
RZV 35-G-SF-F	3500/500	3,0/600- 3,5/500	III	1150	490-1230	140x50x1200	138	222	345
RZV 40-G-SF-F	4000/500	3,5/600- 4,0/500	III	1350	490-1430	140x50x1200	153	225	400
RZV 45-G-SF-F	5000/600	4,0-5/600	III	1350	500-1440	150x60x1200	153	225	450

SideCam only

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
RZV 16-G-SF-S*	1600/500	1,0-1,6/500	II	980	470-1040	100x40x1200	126	228	220
RZV 20-G-SF-S*	2000/500	1,8-2,0/500	II	1040	470-1100	100x45x1200	126	221	232
RZV 25-G-SF-S*	2500/500	2,5/500	II	1150	490-1230	120x40x1200	126	215	252
RZV 28-G-SF-S*	2500/600	2,5/600	II	1150	495-1235	125x45x1200	126	225	275
RZV 30-G-SF-S*	3000/500	3,0/500	III	1150	495-1235	125x45x1200	138	205	305
RZV 35-G-SF-S	3500/500	3,0/600- 3,5/500	III	1150	490-1230	140x50x1200	138	222	345
RZV 40-G-SF-S	4000/500	3,5/600- 4,0/500	III	1350	490-1430	140x50x1200	153	225	400
RZV 45-G-SF-S	5000/600	4,0-5/600	III	1350	500-1440	150x60x1200	153	225	450

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- integral sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system

- protection strip with integrated hose guide as standard
- suitable for longer forks
- clamping of goods not allowed
- accessories see page 197

*for forks longer than 1600 mm the cross section might change, please ask

DURWEN
Forklift Attachments

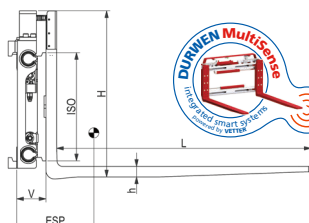
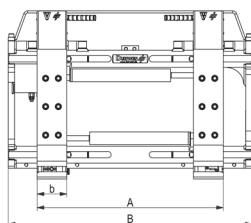
More than 75 years experience

Fork positioner

RZV-G-SF-L
RZV-G-SF-F-L

integral sideshift, bolt-on forks

The **fork positioner RZV-G** has a stable round bar guide in which the carrier with bolt-on forks is positioned. Integral sideshift enables sideshifting dependent on opening range of the forks. Use of standard forks according to ISO 2328 is also possible.



Laser only

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
RZV 16-G-SF-L*	1600/500	1,0-1,6/500	II	980	470-1040	100x40x1200	126	228	220
RZV 20-G-SF-L*	2000/500	1,8-2,0/500	II	1040	470-1100	100x45x1200	126	221	232
RZV 25-G-SF-L*	2500/500	2,5/500	II	1150	490-1230	120x40x1200	126	215	252
RZV 28-G-SF-L*	2500/600	2,5/600	II	1150	495-1235	125x45x1200	126	225	275
RZV 30-G-SF-L*	3000/500	3,0/500	III	1150	495-1235	125x45x1200	138	205	305
RZV 35-G-SF-L	3500/500	3,0/600- 3,5/500	III	1150	490-1230	140x50x1200	138	222	345
RZV 40-G-SF-L	4000/500	3,5/600- 4,0/500	III	1350	490-1430	140x50x1200	153	225	400
RZV 45-G-SF-L	5000/600	4,0-5/600	III	1350	500-1440	150x60x1200	153	225	450

FrontCam + Laser

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
RZV 16-G-SF-F-L*	1600/500	1,0-1,6/500	II	980	470-1040	100x40x1200	126	228	220
RZV 20-G-SF-F-L*	2000/500	1,8-2,0/500	II	1040	470-1100	100x45x1200	126	221	232
RZV 25-G-SF-F-L*	2500/500	2,5/500	II	1150	490-1230	120x40x1200	126	215	252
RZV 28-G-SF-F-L*	2500/600	2,5/600	II	1150	495-1235	125x45x1200	126	225	275
RZV 30-G-SF-F-L*	3000/500	3,0/500	III	1150	495-1235	125x45x1200	138	205	305
RZV 35-G-SF-F-L	3500/500	3,0/600- 3,5/500	III	1150	490-1230	140x50x1200	138	222	345
RZV 40-G-SF-F-L	4000/500	3,5/600- 4,0/500	III	1350	490-1430	140x50x1200	153	225	400
RZV 45-G-SF-F-L	5000/600	4,0-5/600	III	1350	500-1440	150x60x1200	153	225	450

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- integral sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system

- protection strip with integrated hose guide as standard
- suitable for longer forks
- clamping of goods not allowed
- accessories see page 197

*for forks longer than 1600 mm the cross section
might change, please ask

DURWEN
Forklift Attachments

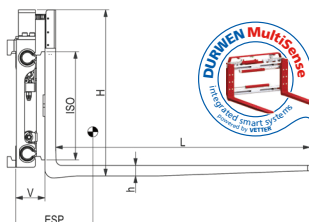
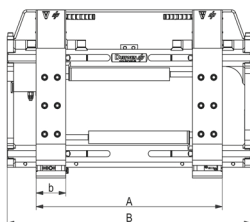
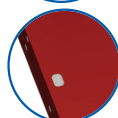
More than 75 years experience

Fork positioner

RZV-G-SF-S-L
RZV-G-SF-F-L-SE

integral sideshift, bolt-on forks

The **fork positioner RZV-G** has a stable round bar guide in which the carrier with bolt-on forks is positioned. Integral sideshift enables sideshifting dependent on opening range of the forks. Use of standard forks according to ISO 2328 is also possible.



SideCam + Laser

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
RZV 16-G-SF-S-L*	1600/500	1,0-1,6/500	II	980	470-1040	100x40x1200	126	228	220
RZV 20-G-SF-S-L*	2000/500	1,8-2,0/500	II	1040	470-1100	100x45x1200	126	221	232
RZV 25-G-SF-S-L*	2500/500	2,5/500	II	1150	490-1230	120x40x1200	126	215	252
RZV 28-G-SF-S-L*	2500/600	2,5/600	II	1150	495-1235	125x45x1200	126	225	275
RZV 30-G-SF-S-L*	3000/500	3,0/500	III	1150	495-1235	125x45x1200	138	205	305
RZV 35-G-SF-S-L	3500/500	3,0/600- 3,5/500	III	1150	490-1230	140x50x1200	138	222	345
RZV 40-G-SF-S-L	4000/500	3,5/600- 4,0/500	III	1350	490-1430	140x50x1200	153	225	400
RZV 45-G-SF-S-L	5000/600	4,0-5/600	III	1350	500-1440	150x60x1200	153	225	450

FrontCam + Laser + Secure

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
RZV 16-G-SF-F-L-SE*	1600/500	1,0-1,6/500	II	980	470-1040	100x40x1200	126	228	220
RZV 20-G-SF-F-L-SE*	2000/500	1,8-2,0/500	II	1040	470-1100	100x45x1200	126	221	232
RZV 25-G-SF-F-L-SE*	2500/500	2,5/500	II	1150	490-1230	120x40x1200	126	215	252
RZV 28-G-SF-F-L-SE*	2500/600	2,5/600	II	1150	495-1235	125x45x1200	126	225	275
RZV 30-G-SF-F-L-SE*	3000/500	3,0/500	III	1150	495-1235	125x45x1200	138	205	305
RZV 35-G-SF-F-L-SE	3500/500	3,0/600- 3,5/500	III	1150	490-1230	140x50x1200	138	222	345
RZV 40-G-SF-F-L-SE	4000/500	3,5/600- 4,0/500	III	1350	490-1430	140x50x1200	153	225	400
RZV 45-G-SF-F-L-SE	5000/600	4,0-5/600	III	1350	500-1440	150x60x1200	153	225	450

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- integral sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system

- protection strip with integrated hose guide as standard
- suitable for longer forks
- clamping of goods not allowed
- accessories see page 197

*for forks longer than 1600 mm the cross section might change, please ask

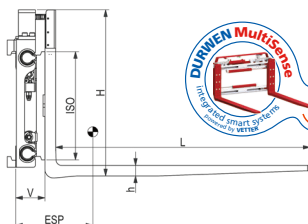
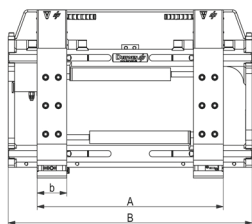
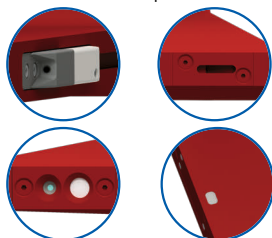
DURWEN
Forklift Attachments

More than 75 years experience

Fork positioner

integral sideshift, bolt-on forks

The fork positioner **RZV-G** has a stable round bar guide in which the carrier with bolt-on forks is positioned. Integral sideshift enables sideshifting dependent on opening range of the forks. Use of standard forks according to ISO 2328 is also possible.



SideCam + Laser + Secure

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
RZV 16-G-SF-S-L-SE*	1600/500	1,0-1,6/500	II	980	470-1040	100x40x1200	126	228	220
RZV 20-G-SF-S-L-SE*	2000/500	1,8-2,0/500	II	1040	470-1100	100x45x1200	126	221	232
RZV 25-G-SF-S-L-SE*	2500/500	2,5/500	II	1150	490-1230	120x40x1200	126	215	252
RZV 28-G-SF-S-L-SE*	2500/600	2,5/600	II	1150	495-1235	125x45x1200	126	225	275
RZV 30-G-SF-S-L-SE*	3000/500	3,0/500	III	1150	495-1235	125x45x1200	138	205	305
RZV 35-G-SF-S-L-SE	3500/500	3,0/600- 3,5/500	III	1150	490-1230	140x50x1200	138	222	345
RZV 40-G-SF-S-L-SE	4000/500	3,5/600- 4,0/500	III	1350	490-1430	140x50x1200	153	225	400
RZV 45-G-SF-S-L-SE	5000/600	4,0-5/600	III	1350	500-1440	150x60x1200	153	225	450

PremiumCam (FrontCam and SideCam)

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
RZV 16-G-SF-PC*	1600/500	1,0-1,6/500	II	980	470-1040	100x40x1200	126	228	220
RZV 20-G-SF-PC*	2000/500	1,8-2,0/500	II	1040	470-1100	100x45x1200	126	221	232
RZV 25-G-SF-PC*	2500/500	2,5/500	II	1150	490-1230	120x40x1200	126	215	252
RZV 28-G-SF-PC*	2500/600	2,5/600	II	1150	495-1235	125x45x1200	126	225	275
RZV 30-G-SF-PC*	3000/500	3,0/500	III	1150	495-1235	125x45x1200	138	205	305
RZV 35-G-SF-PC	3500/500	3,0/600- 3,5/500	III	1150	490-1230	140x50x1200	138	222	345
RZV 40-G-SF-PC	4000/500	3,5/600- 4,0/500	III	1350	490-1430	140x50x1200	153	225	400
RZV 45-G-SF-PC	5000/600	4,0-5/600	III	1350	500-1440	150x60x1200	153	225	450

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- integral sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system

- protection strip with integrated hose guide as standard
- suitable for longer forks
- clamping of goods not allowed
- accessories see page 197

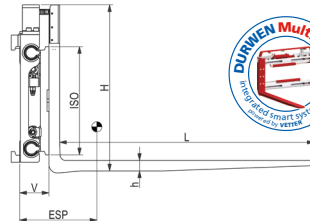
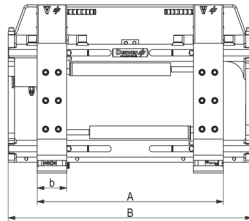
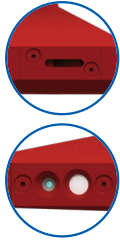
*for forks longer than 1600 mm the cross section might change, please ask

Fork positioner for reach trucks

bolt-on forks, no sideshift

RZV-G-SF-F
RZV-G-SF-S
RZV-G-SF-L

The fork positioner **RZV-G-SF** for reach trucks has a stable round bar guide in which the carrier with bolt-on forks is positioned. The frame width is designed in a way that it fits in between the support arms of the reach truck. Use of standard forks according to ISO 2328 is also possible.



FrontCam only

fork positioner for reach truck, no sideshift, bolt-on forks, small frame

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x l mm	V LLC mm	ESP COG mm	weight kg
RZV 16-G-SF-F*	1600/500	1,0-1,6/500	II	850	470-830	100x40x1200	126	263	218
RZV 20-G-SF-F*	2000/500	1,8-2,0/500	II	850	470-830	100x45x1200	126	277	230
RZV 25-G-SF-F*	2500/500	2,5/500	II	850	490-850	120x40x1200	126	284	238
RZV 28-G-SF-F*	2500/600	2,5/600	II	850	495-855	125x45x1200	126	304	258

SideCam only

fork positioner for reach truck, no sideshift, bolt-on forks, small frame

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x l mm	V LLC mm	ESP COG mm	weight kg
RZV 16-G-SF-S*	1600/500	1,0-1,6/500	II	850	470-830	100x40x1200	126	263	218
RZV 20-G-SF-S*	2000/500	1,8-2,0/500	II	850	470-830	100x45x1200	126	277	230
RZV 25-G-SF-S*	2500/500	2,5/500	II	850	490-850	120x40x1200	126	284	238
RZV 28-G-SF-S*	2500/600	2,5/600	II	850	495-855	125x45x1200	126	304	258

Laser only

fork positioner for reach truck, no sideshift, bolt-on forks, small frame

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x l mm	V LLC mm	ESP COG mm	weight kg
RZV 16-G-SF-L*	1600/500	1,0-1,6/500	II	850	470-830	100x40x1200	126	263	218
RZV 20-G-SF-L*	2000/500	1,8-2,0/500	II	850	470-830	100x45x1200	126	277	230
RZV 25-G-SF-L*	2500/500	2,5/500	II	850	490-850	120x40x1200	126	284	238
RZV 28-G-SF-L*	2500/600	2,5/600	II	850	495-855	125x45x1200	126	304	258

- 1 hydraulic function required (2 hydraulic functions integral sideshift)
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- features bolt-on forks as standard
- plug and play connection as standard

- 12/24 Volt system
- protection strip with integrated hose guide as standard
- clamping of goods not allowed
- spacer kit upon request, explanation see page 188
- integral sideshift upon request
- accessories see page 197

*for forks longer than 1600 mm the cross section might change, please ask

DURWEN
Forklift Attachments

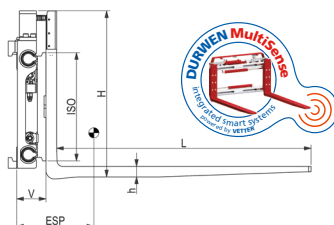
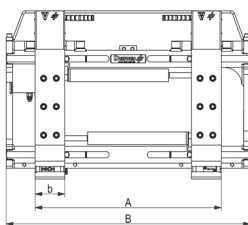
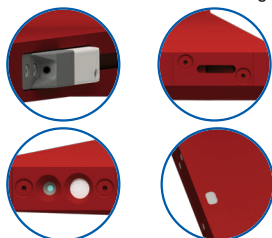
More than 75 years experience

Fork positioner for reach trucks

bolt-on forks, no sideshift

RZV-G-SF-F-L
RZV-G-SF-S-L
RZV-G-SF-F-L-SE

The fork positioner **RZV-G-SF** for reach trucks has a stable round bar guide in which the carrier with bolt-on forks is positioned. The frame width is designed in a way that it fits in between the support arms of the reach truck. Use of standard forks according to ISO 2328 is also possible.



FrontCam + Laser

fork positioner for reach truck, no sideshift, bolt-on forks, small frame									
type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x l mm	V LLC mm	ESP COG mm	weight kg
RZV 16-G-SF-F-L*	1600/500	1,0-1,6/500	II	850	470-830	100x40x1200	126	263	218
RZV 20-G-SF-F-L*	2000/500	1,8-2,0/500	II	850	470-830	100x45x1200	126	277	230
RZV 25-G-SF-F-L*	2500/500	2,5/500	II	850	490-850	120x40x1200	126	284	238
RZV 28-G-SF-F-L*	2500/600	2,5/600	II	850	495-855	125x45x1200	126	304	258

SideCam + Laser

fork positioner for reach truck, no sideshift, bolt-on forks, small frame									
type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x l mm	V LLC mm	ESP COG mm	weight kg
RZV 16-G-SF-S-L*	1600/500	1,0-1,6/500	II	850	470-830	100x40x1200	126	263	218
RZV 20-G-SF-S-L*	2000/500	1,8-2,0/500	II	850	470-830	100x45x1200	126	277	230
RZV 25-G-SF-S-L*	2500/500	2,5/500	II	850	490-850	120x40x1200	126	284	238
RZV 28-G-SF-S-L*	2500/600	2,5/600	II	850	495-855	125x45x1200	126	304	258

FrontCam + Laser + Secure

fork positioner for reach truck, no sideshift, bolt-on forks, small frame									
type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x l mm	V LLC mm	ESP COG mm	weight kg
RZV 16-G-SF-F-L-SE*	1600/500	1,0-1,6/500	II	850	470-830	100x40x1200	126	263	218
RZV 20-G-SF-F-L-SE*	2000/500	1,8-2,0/500	II	850	470-830	100x45x1200	126	277	230
RZV 25-G-SF-F-L-SE*	2500/500	2,5/500	II	850	490-850	120x40x1200	126	284	238
RZV 28-G-SF-F-L-SE*	2500/600	2,5/600	II	850	495-855	125x45x1200	126	304	258

- 1 hydraulic function required (2 hydraulic functions integral sideshift)
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- features bolt-on forks as standard
- plug and play connection as standard

- 12/24 Volt system
- protection strip with integrated hose guide as standard
- clamping of goods not allowed
- spacer kit upon request, explanation see page 188
- integral sideshift upon request
- accessories see page 197

*for forks longer than 1600 mm the cross section might change, please ask

DURWEN
 Forklift Attachments

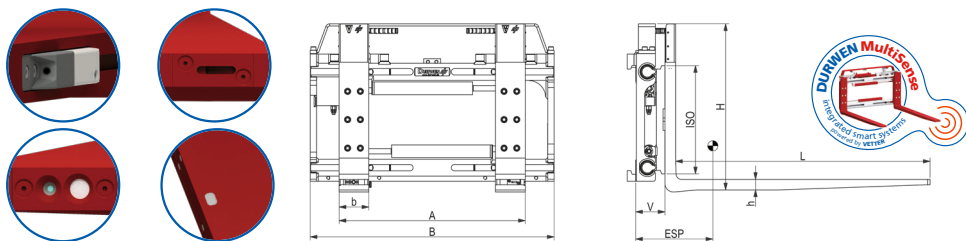
More than 75 years experience

Fork positioner for reach trucks

bolt-on forks, no sideshift

RZV-G-SF-S-L-SE
RZV-G-SF-PC

The **fork positioner RZV-G-SF** for reach trucks has a stable round bar guide in which the carrier with bolt-on forks is positioned. The frame width is designed in a way that it fits in between the support arms of the reach truck. Use of standard forks according to ISO 2328 is also possible.



SideCam + Laser + Secure

fork positioner for reach truck, no sideshift, bolt-on forks, small frame

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x l mm	V LLC mm	ESP COG mm	weight kg
RZV 16-G-SF-S-L-SE*	1600/500	1,0-1,6/500	II	850	470-830	100x40x1200	126	263	218
RZV 20-G-SF-S-L-SE*	2000/500	1,8-2,0/500	II	850	470-830	100x45x1200	126	277	230
RZV 25-G-SF-S-L-SE*	2500/500	2,5/500	II	850	490-850	120x40x1200	126	284	238
RZV 28-G-SF-S-L-SE*	2500/600	2,5/600	II	850	495-855	125x45x1200	126	304	258

PremiumCam (FrontCam and SideCam)

fork positioner for reach truck, no sideshift, bolt-on forks, small frame

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x l mm	V LLC mm	ESP COG mm	weight kg
RZV 16-G-SF-PC*	1600/500	1,0-1,6/500	II	850	470-830	100x40x1200	126	263	218
RZV 20-G-SF-PC*	2000/500	1,8-2,0/500	II	850	470-830	100x45x1200	126	277	230
RZV 25-G-SF-PC*	2500/500	2,5/500	II	850	490-850	120x40x1200	126	284	238
RZV 28-G-SF-PC*	2500/600	2,5/600	II	850	495-855	125x45x1200	126	304	258

- 1 hydraulic function required (2 hydraulic functions integral sideshift)
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system
- protection strip with integrated hose guide as standard
- clamping of goods not allowed

- spacer kit upon request, explanation see page 188
- integral sideshift upon request
- accessories see page 197

*for forks longer than 1600 mm the cross section might change, please ask

Important note: The reach truck must be equipped with a collision prevention that prevents collision of fork positioner parts with the wheel legs or parts of the reach truck. This means usually that fork positioning and sideshift must be shut off with the attachment between the wheel legs. The reach truck carriage design must accommodate the mounting of an attachment. A **spacer kit** is available from Durwen. It allows the extension of the attachment mounting up to 50 mm giving extra space for carriage parts or reach truck parts that may protrude into the attachment mounting or operation space.

DURWEN 
Forklift Attachments

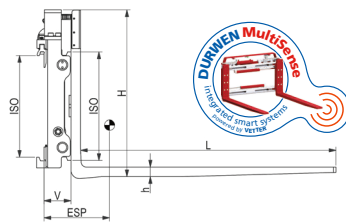
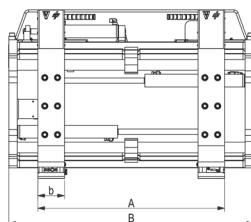
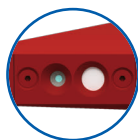
More than 75 years experience

Fork positioner

ZVW-GS-SF-F
ZVW-GS-SF-S

constant sideshift, bolt-on forks

The fork positioner **ZVW-GS** is shaft-guided and welded as a stable frame. Constant sideshift is possible to use at every fork position. The forks are bolted on this unit. This attachment is also suitable for smaller carriages. Use of standard forks according to ISO 2328 is also possible.



FrontCam only

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
ZVW 16-GS-SF-F*	1600/500	1,0-1,6/500	II	980	300-860	100x40x1200	+/- 100	124	216	283
ZVW 20-GS-SF-F*	2000/500	1,8-2,0/500	II	1040	300-920	100x45x1200	+/- 100	124	227	298
ZVW 25-GS-SF-F*	2500/500	2,5/500	II	1150	320-1050	120x40x1200	+/- 100	124	231	319
ZVW 28-GS-SF-F*	2500/600	3,0/500	II	1150	325-1055	125x45x1200	+/- 100	124	249	339
ZVW 30-GS-SF-F*	3000/500	3,0/500	III	1150	325-1055	125x45x1200	+/- 100	127	241	363
ZVW 35-GS-SF-F	3500/500	3,0/600- 3,5/500	III	1350	340-1270	140x50x1200	+/- 100	127	252	424
ZVW 40-GS-SF-F	4000/500	3,5/600- 4,0/500	III	1350	370-1250	140x50x1200	+/- 100	150	247	504
ZVW 45-GS-SF-F	5000/600	4,0/600- 5,0/600	III	1350	380-1260	150x60x1200	+/- 100	150	261	566

SideCam only

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
ZVW 16-GS-SF-S*	1600/500	1,0-1,6/500	II	980	300-860	100x40x1200	+/- 100	124	216	283
ZVW 20-GS-SF-S*	2000/500	1,8-2,0/500	II	1040	300-920	100x45x1200	+/- 100	124	227	298
ZVW 25-GS-SF-S*	2500/500	2,5/500	II	1150	320-1050	120x40x1200	+/- 100	124	231	319
ZVW 28-GS-SF-S*	2500/600	3,0/500	II	1150	325-1055	125x45x1200	+/- 100	124	249	339
ZVW 30-GS-SF-S*	3000/500	3,0/500	III	1150	325-1055	125x45x1200	+/- 100	127	241	363
ZVW 35-GS-SF-S	3500/500	3,0/600- 3,5/500	III	1350	340-1270	140x50x1200	+/- 100	127	252	424
ZVW 40-GS-SF-S	4000/500	3,5/600- 4,0/500	III	1350	370-1250	140x50x1200	+/- 100	150	247	504
ZVW 45-GS-SF-S	5000/600	4,0/600- 5,0/600	III	1350	380-1260	150x60x1200	+/- 100	150	261	566

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- constant sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system

- protection strip with integrated hose guide as standard
- suitable for longer forks
- clamping of goods not allowed
- accessories see page 197

*for forks longer than 1600 mm the cross section might change, please ask

DURWEN
Forklift Attachments

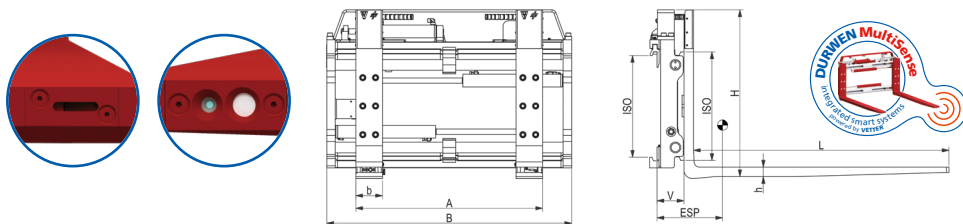
More than 75 years experience

Fork positioner

ZVW-GS-SF-L
ZVW-GS-SF-F-L

constant sideshift, bolt-on forks

The **fork positioner ZVW-GS** is shaft-guided and welded as a stable frame. Constant sideshift is possible to use at every fork position. The forks are bolted on this unit. This attachment is also suitable for smaller carriages. Use of standard forks according to ISO 2328 is also possible.



Laser only

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
ZVW 16-GS-SF-L*	1600/500	1,0-1,6/500	II	980	300-860	100x40x1200	+/- 100	124	216	283
ZVW 20-GS-SF-L*	2000/500	1,8-2,0/500	II	1040	300-920	100x45x1200	+/- 100	124	227	298
ZVW 25-GS-SF-L*	2500/500	2,5/500	II	1150	320-1050	120x40x1200	+/- 100	124	231	319
ZVW 28-GS-SF-L*	2500/600	3,0/500	II	1150	325-1055	125x45x1200	+/- 100	124	249	339
ZVW 30-GS-SF-L*	3000/500	3,0/500	III	1150	325-1055	125x45x1200	+/- 100	127	241	363
ZVW 35-GS-SF-L	3500/500	3,0/600-3,5/500	III	1350	340-1270	140x50x1200	+/- 100	127	252	424
ZVW 40-GS-SF-L	4000/500	3,5/600-4,0/500	III	1350	370-1250	140x50x1200	+/- 100	150	247	504
ZVW 45-GS-SF-L	5000/600	4,0/600-5,0/600	III	1350	380-1260	150x60x1200	+/- 100	150	261	566

FrontCam + Laser

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
ZVW 16-GS-SF-F-L*	1600/500	1,0-1,6/500	II	980	300-860	100x40x1200	+/- 100	124	216	283
ZVW 20-GS-SF-F-L*	2000/500	1,8-2,0/500	II	1040	300-920	100x45x1200	+/- 100	124	227	298
ZVW 25-GS-SF-F-L*	2500/500	2,5/500	II	1150	320-1050	120x40x1200	+/- 100	124	231	319
ZVW 28-GS-SF-F-L*	2500/600	3,0/500	II	1150	325-1055	125x45x1200	+/- 100	124	249	339
ZVW 30-GS-SF-F-L*	3000/500	3,0/500	III	1150	325-1055	125x45x1200	+/- 100	127	241	363
ZVW 35-GS-SF-F-L	3500/500	3,0/600-3,5/500	III	1350	340-1270	140x50x1200	+/- 100	127	252	424
ZVW 40-GS-SF-F-L	4000/500	3,5/600-4,0/500	III	1350	370-1250	140x50x1200	+/- 100	150	247	504
ZVW 45-GS-SF-F-L	5000/600	4,0/600-5,0/600	III	1350	380-1260	150x60x1200	+/- 100	150	261	566

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- constant sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system

- protection strip with integrated hose guide as standard
- suitable for longer forks
- clamping of goods not allowed
- accessories see page 197

*for forks longer than 1600 mm the cross section might change, please ask

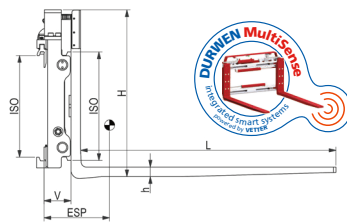
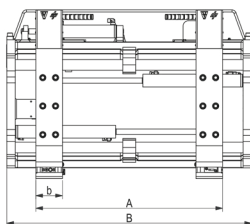
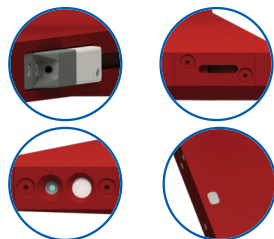
DURWEN 
Forklift Attachments
More than 75 years experience

Fork positioner

ZVW-GS-SF-S-L
ZVW-GS-SF-F-L-SE

constant sideshift, bolt-on forks

The **fork positioner ZVW-GS** is shaft-guided and welded as a stable frame. Constant sideshift is possible to use at every fork position. The forks are bolted on this unit. This attachment is also suitable for smaller carriages. Use of standard forks according to ISO 2328 is also possible.



SideCam + Laser

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
ZVW 16-GS-SF-S-L*	1600/500	1,0-1,6/500	II	980	300-860	100x40x1200	+/- 100	124	216	283
ZVW 20-GS-SF-S-L*	2000/500	1,8-2,0/500	II	1040	300-920	100x45x1200	+/- 100	124	227	298
ZVW 25-GS-SF-S-L*	2500/500	2,5/500	II	1150	320-1050	120x40x1200	+/- 100	124	231	319
ZVW 28-GS-SF-S-L*	2500/600	3,0/500	II	1150	325-1055	125x45x1200	+/- 100	124	249	339
ZVW 30-GS-SF-S-L*	3000/500	3,0/500	III	1150	325-1055	125x45x1200	+/- 100	127	241	363
ZVW 35-GS-SF-S-L	3500/500	3,0/600-3,5/500	III	1350	340-1270	140x50x1200	+/- 100	127	252	424
ZVW 40-GS-SF-S-L	4000/500	3,5/600-4,0/500	III	1350	370-1250	140x50x1200	+/- 100	150	247	504
ZVW 45-GS-SF-S-L	5000/600	4,0/600-5,0/600	III	1350	380-1260	150x60x1200	+/- 100	150	261	566

FrontCam + Laser + Secure

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
ZVW 16-GS-SF-F-L-SE*	1600/500	1,0-1,6/500	II	980	300-860	100x40x1200	+/- 100	124	216	283
ZVW 20-GS-SF-F-L-SE*	2000/500	1,8-2,0/500	II	1040	300-920	100x45x1200	+/- 100	124	227	298
ZVW 25-GS-SF-F-L-SE*	2500/500	2,5/500	II	1150	320-1050	120x40x1200	+/- 100	124	231	319
ZVW 28-GS-SF-F-L-SE*	2500/600	3,0/500	II	1150	325-1055	125x45x1200	+/- 100	124	249	339
ZVW 30-GS-SF-F-L-SE*	3000/500	3,0/500	III	1150	325-1055	125x45x1200	+/- 100	127	241	363
ZVW 35-GS-SF-F-L-SE	3500/500	3,0/600-3,5/500	III	1350	340-1270	140x50x1200	+/- 100	127	252	424
ZVW 40-GS-SF-F-L-SE	4000/500	3,5/600-4,0/500	III	1350	370-1250	140x50x1200	+/- 100	150	247	504
ZVW 45-GS-SF-F-L-SE	5000/600	4,0/600-5,0/600	III	1350	380-1260	150x60x1200	+/- 100	150	261	566

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- constant sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system

- protection strip with integrated hose guide as standard
- suitable for longer forks
- clamping of goods not allowed
- accessories see page 197

*for forks longer than 1600 mm the cross section might change, please ask

DURWEN
Forklift Attachments

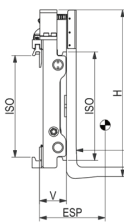
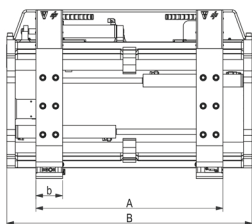
More than 75 years experience

Fork positioner

ZVW-GS-SF-S-L-SE
ZVW-GS-SF-PC

constant sideshift, bolt-on forks

The **fork positioner ZVW-GS** is shaft-guided and welded as a stable frame. Constant sideshift is possible to use at every fork position. The forks are bolted on this unit. This attachment is also suitable for smaller carriages. Use of standard forks according to ISO 2328 is also possible.



SideCam + Laser + Secure

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
ZVW 16-GS-SF-S-L-SE*	1600/500	1,0-1,6/500	II	980	300-860	100x40x1200	+/- 100	124	216	283
ZVW 20-GS-SF-S-L-SE*	2000/500	1,8-2,0/500	II	1040	300-920	100x45x1200	+/- 100	124	227	298
ZVW 25-GS-SF-S-L-SE*	2500/500	2,5/500	II	1150	320-1050	120x40x1200	+/- 100	124	231	319
ZVW 28-GS-SF-S-L-SE*	2500/600	3,0/500	II	1150	325-1055	125x45x1200	+/- 100	124	249	339
ZVW 30-GS-SF-S-L-SE*	3000/500	3,0/500	III	1150	325-1055	125x45x1200	+/- 100	127	241	363
ZVW 35-GS-SF-S-L-SE	3500/500	3,0/600- 3,5/500	III	1350	340-1270	140x50x1200	+/- 100	127	252	424
ZVW 40-GS-SF-S-L-SE	4000/500	3,5/600- 4,0/500	III	1350	370-1250	140x50x1200	+/- 100	150	247	504
ZVW 45-GS-SF-S-L-SE	5000/600	4,0/600- 5,0/600	III	1350	380-1260	150x60x1200	+/- 100	150	261	566

Premium Cam (FrontCam and SideCam)

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	sideshift mm	V LLC mm	ESP COG mm	weight kg
ZVW 16-GS-SF-PC*	1600/500	1,0-1,6/500	II	980	300-860	100x40x1200	+/- 100	124	216	283
ZVW 20-GS-SF-PC*	2000/500	1,8-2,0/500	II	1040	300-920	100x45x1200	+/- 100	124	227	298
ZVW 25-GS-SF-PC*	2500/500	2,5/500	II	1150	320-1050	120x40x1200	+/- 100	124	231	319
ZVW 28-GS-SF-PC*	2500/600	3,0/500	II	1150	325-1055	125x45x1200	+/- 100	124	249	339
ZVW 30-GS-SF-PC*	3000/500	3,0/500	III	1150	325-1055	125x45x1200	+/- 100	127	241	363
ZVW 35-GS-SF-PC	3500/500	3,0/600-3,5/500	III	1350	340-1270	140x50x1200	+/- 100	127	252	424
ZVW 40-GS-SF-PC	4000/500	3,5/600-4,0/500	III	1350	370-1250	140x50x1200	+/- 100	150	247	504
ZVW 45-GS-SF-PC	5000/600	4,0/600-5,0/600	III	1350	380-1260	150x60x1200	+/- 100	150	261	566

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- constant sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system

- protection strip with integrated hose guide as standard
- suitable for longer forks
- clamping of goods not allowed
- accessories see page 197

*for forks longer than 1600 mm the cross section might change, please ask

DURWEN
Forklift Attachments

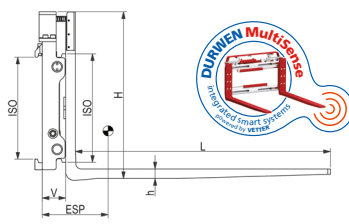
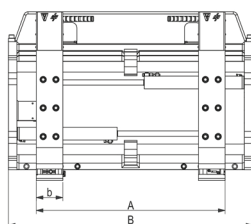
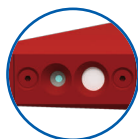
More than 75 years experience

Fork positioner

ZVW-G-SF-F
ZVW-G-SF-S

integral sideshift, bolt-on forks

The fork positioner **ZVW-G** is shaft-guided and welded as a stable frame. Integral sideshift enables sideshifting dependent on opening range of the forks. The forks are bolted on this unit. This attachment is also suitable for smaller carriages. Use of standard forks according to ISO 2328 is also possible.



FrontCam only

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
ZVW 16-G-SF-F*	1600/500	1,0-1,6/500	II	980	300-860	100x40x1200	107	232	240
ZVW 20-G-SF-F*	2000/500	1,8-2,0/500	II	1040	300-920	100x45x1200	107	245	257
ZVW 25-G-SF-F*	2500/500	2,5/500	II	1150	320-1050	120x40x1200	107	250	275
ZVW 28-G-SF-F*	2500/600	2,5/600	II	1150	325-1055	125x45x1200	107	268	295
ZVW 30-G-SF-F*	3000/500	3,0/500	III	1150	325-1055	125x45x1200	110	243	338
ZVW 35-G-SF-F	3500/500	3,0/600-3,5/500	III	1150	340-1070	140x50x1200	110	268	373
ZVW 40-G-SF-F	4000/500	3,5/600-4,0/500	III	1350	370-1250	140x50x1200	133	246	477
ZVW 45-G-SF-F	5000/600	4,0/600-5,0/600	III	1350	380-1260	150x60x1200	133	263	528

SideCam only

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
ZVW 16-G-SF-S*	1600/500	1,0-1,6/500	II	980	300-860	100x40x1200	107	232	240
ZVW 20-G-SF-S*	2000/500	1,8-2,0/500	II	1040	300-920	100x45x1200	107	245	257
ZVW 25-G-SF-S*	2500/500	2,5/500	II	1150	320-1050	120x40x1200	107	250	275
ZVW 28-G-SF-S*	2500/600	2,5/600	II	1150	325-1055	125x45x1200	107	268	295
ZVW 30-G-SF-S*	3000/500	3,0/500	III	1150	325-1055	125x45x1200	110	243	338
ZVW 35-G-SF-S	3500/500	3,0/600-3,5/500	III	1150	340-1070	140x50x1200	110	268	373
ZVW 40-G-SF-S	4000/500	3,5/600-4,0/500	III	1350	370-1250	140x50x1200	133	246	477
ZVW 45-G-SF-S	5000/600	4,0/600-5,0/600	III	1350	380-1260	150x60x1200	133	263	528

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- integral sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system

- protection strip with integrated hose guide as standard
- suitable for longer forks
- clamping of goods not allowed
- accessories see page 197

*for forks longer than 1600 mm the cross section might change, please ask

DURWEN
Forklift Attachments

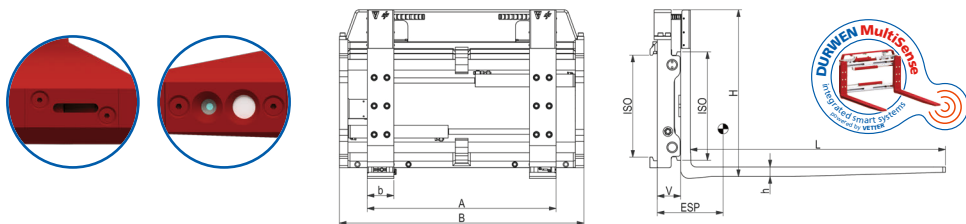
More than 75 years experience

Fork positioner

ZVW-G-SF-L
ZVW-G-SF-F-L

integral sideshift, bolt-on forks

The fork positioner ZVW-G is shaft-guided and welded as a stable frame. Integral sideshift enables sideshifting dependent on opening range of the forks. The forks are bolted on this unit. This attachment is also suitable for smaller carries. Use of standard forks according to ISO 2328 is also possible.



Laser only

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
ZVW 16-G-SF-L*	1600/500	1,0-1,6/500	II	980	300-860	100x40x1200	107	232	240
ZVW 20-G-SF-L*	2000/500	1,8-2,0/500	II	1040	300-920	100x45x1200	107	245	257
ZVW 25-G-SF-L*	2500/500	2,5/500	II	1150	320-1050	120x40x1200	107	250	275
ZVW 28-G-SF-L*	2500/600	2,5/600	II	1150	325-1055	125x45x1200	107	268	295
ZVW 30-G-SF-L*	3000/500	3,0/500	III	1150	325-1055	125x45x1200	110	243	338
ZVW 35-G-SF-L	3500/500	3,0/600-3,5/500	III	1150	340-1070	140x50x1200	110	268	373
ZVW 40-G-SF-L	4000/500	3,5/600-4,0/500	III	1350	370-1250	140x50x1200	133	246	477
ZVW 45-G-SF-L	5000/600	4,0/600-5,0/600	III	1350	380-1260	150x60x1200	133	263	528

FrontCam + Laser

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
ZVW 16-G-SF-F-L*	1600/500	1,0-1,6/500	II	980	300-860	100x40x1200	107	232	240
ZVW 20-G-SF-F-L*	2000/500	1,8-2,0/500	II	1040	300-920	100x45x1200	107	245	257
ZVW 25-G-SF-F-L*	2500/500	2,5/500	II	1150	320-1050	120x40x1200	107	250	275
ZVW 28-G-SF-F-L*	2500/600	2,5/600	II	1150	325-1055	125x45x1200	107	268	295
ZVW 30-G-SF-F-L*	3000/500	3,0/500	III	1150	325-1055	125x45x1200	110	243	338
ZVW 35-G-SF-F-L	3500/500	3,0/600-3,5/500	III	1150	340-1070	140x50x1200	110	268	373
ZVW 40-G-SF-F-L	4000/500	3,5/600-4,0/500	III	1350	370-1250	140x50x1200	133	246	477
ZVW 45-G-SF-F-L	5000/600	4,0/600-5,0/600	III	1350	380-1260	150x60x1200	133	263	528

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- integral sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system

- protection strip with integrated hose guide as standard
- suitable for longer forks
- clamping of goods not allowed
- accessories see page 197

*for forks longer than 1600 mm the cross section might change, please ask

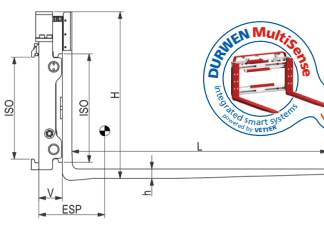
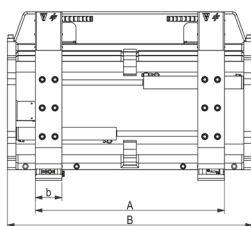
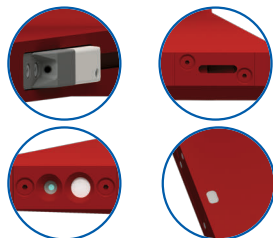
DURWEN
Forklift Attachments

More than 75 years experience

Fork positioner

integral sideshift, bolt-on forks

The fork positioner **ZVW-G** is shaft-guided and welded as a stable frame. Integral sideshift enables sideshifting dependent on opening range of the forks. The forks are bolted on this unit. This attachment is also suitable for smaller carriers. Use of standard forks according to ISO 2328 is also possible.



SideCam + Laser

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
ZVW 16-G-SF-S-L*	1600/500	1,0-1,6/500	II	980	300-860	100x40x1200	107	232	240
ZVW 20-G-SF-S-L*	2000/500	1,8-2,0/500	II	1040	300-920	100x45x1200	107	245	257
ZVW 25-G-SF-S-L*	2500/500	2,5/500	II	1150	320-1050	120x40x1200	107	250	275
ZVW 28-G-SF-S-L*	2500/600	2,5/600	II	1150	325-1055	125x45x1200	107	268	295
ZVW 30-G-SF-S-L*	3000/500	3,0/500	III	1150	325-1055	125x45x1200	110	243	338
ZVW 35-G-SF-S-L	3500/500	3,0/600-3,5/500	III	1150	340-1070	140x50x1200	110	268	373
ZVW 40-G-SF-S-L	4000/500	3,5/600-4,0/500	III	1350	370-1250	140x50x1200	133	246	477
ZVW 45-G-SF-S-L	5000/600	4,0/600-5,0/600	III	1350	380-1260	150x60x1200	133	263	528

FrontCam + Laser + Secure

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
ZVW 16-G-SF-F-L-SE*	1600/500	1,0-1,6/500	II	980	300-860	100x40x1200	107	232	240
ZVW 20-G-SF-F-L-SE*	2000/500	1,8-2,0/500	II	1040	300-920	100x45x1200	107	245	257
ZVW 25-G-SF-F-L-SE*	2500/500	2,5/500	II	1150	320-1050	120x40x1200	107	250	275
ZVW 28-G-SF-F-L-SE*	2500/600	2,5/600	II	1150	325-1055	125x45x1200	107	268	295
ZVW 30-G-SF-F-L-SE*	3000/500	3,0/500	III	1150	325-1055	125x45x1200	110	243	338
ZVW 35-G-SF-F-L-SE	3500/500	3,0/600-3,5/500	III	1150	340-1070	140x50x1200	110	268	373
ZVW 40-G-SF-F-L-SE	4000/500	3,5/600-4,0/500	III	1350	370-1250	140x50x1200	133	246	477
ZVW 45-G-SF-F-L-SE	5000/600	4,0/600-5,0/600	III	1350	380-1260	150x60x1200	133	263	528

- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- integral sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system

- protection strip with integrated hose guide as standard
- suitable for longer forks
- clamping of goods not allowed
- accessories see page 197

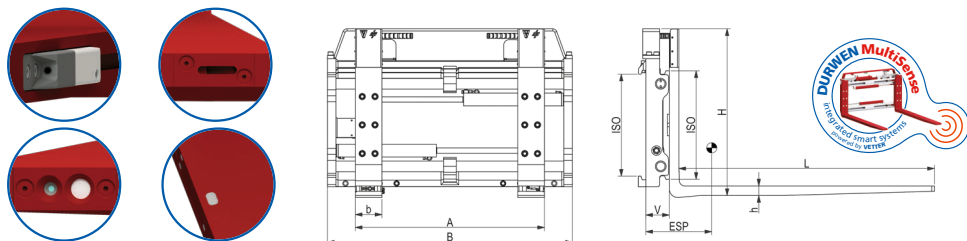
*for forks longer than 1600 mm the cross section might change, please ask

Fork positioner

ZVW-G-SF-S-L-SE
ZVW-G-SF-PC

integral sideshift, bolt-on forks

The fork positioner ZVW-G is shaft-guided and welded as a stable frame. Integral sideshift enables sideshifting dependent on opening range of the forks. The forks are bolted on this unit. This attachment is also suitable for smaller carriages. Use of standard forks according to ISO 2328 is also possible.



SideCam + Laser + Secure

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
ZVW 16-G-SF-S-L-SE*	1600/500	1,0-1,6/500	II	980	300-860	100x40x1200	107	232	240
ZVW 20-G-SF-S-L-SE*	2000/500	1,8-2,0/500	II	1040	300-920	100x45x1200	107	245	257
ZVW 25-G-SF-S-L-SE*	2500/500	2,5/500	II	1150	320-1050	120x40x1200	107	250	275
ZVW 28-G-SF-S-L-SE*	2500/600	2,5/600	II	1150	325-1055	125x45x1200	107	268	295
ZVW 30-G-SF-S-L-SE*	3000/500	3,0/500	III	1150	325-1055	125x45x1200	110	243	338
ZVW 35-G-SF-S-L-SE	3500/500	3,0/600-3,5/500	III	1150	340-1070	140x50x1200	110	268	373
ZVW 40-G-SF-S-L-SE	4000/500	3,5/600-4,0/500	III	1350	370-1250	140x50x1200	133	246	477
ZVW 45-G-SF-S-L-SE	5000/600	4,0/600-5,0/600	III	1350	380-1260	150x60x1200	133	263	528

PremiumCam (FrontCam + SideCam)

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	A mm	forks b x h x L mm	V LLC mm	ESP COG mm	weight kg
ZVW 16-G-SF-PC*	1600/500	1,0-1,6/500	II	980	300-860	100x40x1200	107	232	240
ZVW 20-G-SF-PC*	2000/500	1,8-2,0/500	II	1040	300-920	100x45x1200	107	245	257
ZVW 25-G-SF-PC*	2500/500	2,5/500	II	1150	320-1050	120x40x1200	107	250	275
ZVW 28-G-SF-PC*	2500/600	2,5/600	II	1150	325-1055	125x45x1200	107	268	295
ZVW 30-G-SF-PC*	3000/500	3,0/500	III	1150	325-1055	125x45x1200	110	243	338
ZVW 35-G-SF-PC	3500/500	3,0/600-3,5/500	III	1150	340-1070	140x50x1200	110	268	373
ZVW 40-G-SF-PC	4000/500	3,5/600-4,0/500	III	1350	370-1250	140x50x1200	133	246	477
ZVW 45-G-SF-PC	5000/600	4,0/600-5,0/600	III	1350	380-1260	150x60x1200	133	263	528

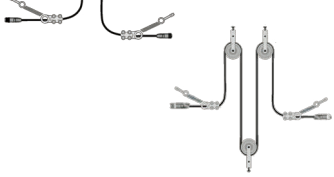
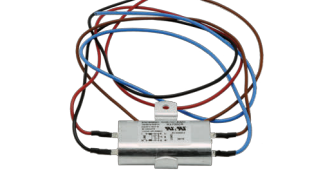
- 2 hydraulic functions required
- includes hoses and couplings
- includes 5-pin M12 transfer connector
- integral sideshift as standard
- features bolt-on forks as standard
- plug and play connection as standard
- 12/24 Volt system

- protection strip with integrated hose guide as standard
- suitable for longer forks
- clamping of goods not allowed
- accessories see page 197

*for forks longer than 1600 mm the cross section might change, please ask

DURWEN
Forklift Attachments

More than 75 years experience

	item	description
	monitor	with RAM holder, incl. connection cable from monitor to transfer point mast cable, spring reel or remote module
	Mast cable kit for lifting height up to 6 m	incl. three deflection rollers and strain relief kit for on-site installation on mast
	Mast cable kit for lifting height up to 10 m	incl. three deflection rollers and strain relief kit for on-site installation on mast
	Voltage converter	The SmartFork® systems require a voltage of 12-24 V. If it is not possible to access this voltage on the truck, a voltage converter is required. It reduces voltage from 48 V or 80 V. Other voltages upon request (please indicate voltage)
	Interference suppressor filter	prevents possible screen disruptions which can be caused by board voltage
	Spring reel for lifting height up to 10 m	for on-site installation on mast

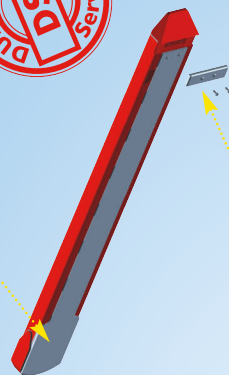
Please note that prices do not include any installation service on the forklift truck.

Telescopic forks type TGZ

Durwen app



2 mm extra thick wear resistant steel stripes along full length of underside of forks as standard, with the option of additional 6 mm if required



exchangeable wear strip under fork tip as standard, with the option of additional 6mm if required



solid one piece fork tip for less damage



easy access to hydraulic connection



highly durable synthetic wear pads as standard

twin cylinders for powerful movement

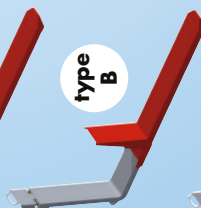


standard: comfortable hoist point and handle

option: pallet stop



type A



type B

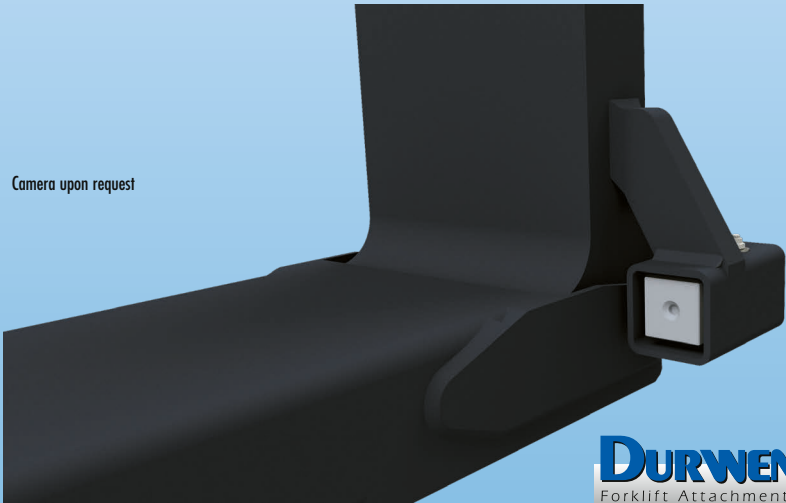


type C

Single side loading with telescopic forks



The Durwen TGZ telescopic fork range is equipped with twin cylinders (two per fork arm) and are ideally suited for single side loading. This can reduce loading and unloading time by up to 30%. This utilises your forklift more efficiently and transport turnaround time is reduced.



Camera upon request



More than 75 years experience

TGZ
ISO II/III

Technical drawing of a beam-column joint. The drawing shows a cross-section of a column on the left and a beam extending to the right. Key dimensions are labeled: L_1 and L_2 are horizontal distances from the column face; ESP_1 and ESP_2 are vertical distances from the bottom reinforcement level; ISO is the vertical distance from the top reinforcement level; b is the column width; and c is the column height.

- 1 hydraulic function required
- includes hoses and couplings
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO II/III upon request
- ISO type B mounting upon request (ISO II/III)
- pallet stop ISO II/III (see page 198) upon request:
 - A) 75 mm on the fork pocket sides
 - B) 400 mm
 - C) 850 mm
- type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- standard colour: dark grey
- low built height TGZ available upon request
- reinforced lower hooks for greater stability
TGZ 17, 20 = 110 mm wide, TGZ 25-48 = 140 mm wide

***TGZ 17 features external flow divider valve.
Installation at customer required.**

Please note: standard load backrest does not fit with TGZ installed.

- 2 cylinders per fork arm
- 100% synchronised fork travel
- powerfull extension and retraction
- operates fully loaded

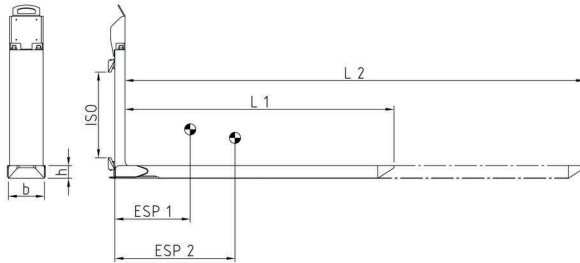


More than 75 years experience

Hydraulic telescopic fork arms

**TGZ
ISO IV**

The hydraulic telescopic fork arms **TGZ** are the ideal solution for many transport and loading applications. Vehicles can be loaded and unloaded from one side. The telescopic forks feature 100% synchronised reach movement for ease of use. This feature further supports excellent visibility and simple installation. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	capacity kg LC 1 mm	capacity kg LC 2 mm	lift truck to LC mm	ISO	retracted/extended L1/L2 mm	b x h mm	fork back B x V mm	H mm	ESP 1/ESP 2 COG 1/COG 2 mm	weight set kg
2-cylinder model										
TGZ.50.1200	5000/600	2300/1450	5,0/600	IV	1200/2050	161x62	150x50	1059	375/555	260
TGZ.50.1350		1900/1750			1350/2350				440/655	280
TGZ.60.1200	6000/600	3100/1450	6,0/600	IV	1200/2050	215x69	200x50	1059	390/605	375
TGZ.60.1350		2570/1750			1350/2350				450/720	405
TGZ.80.1200	8000/600	4100/1450	8,0/600	IV	1200/2050	215x79	200x60	1059	395/595	440
TGZ.80.1350		3400/1750			1350/2350				460/700	475
4-cylinder model										
TGZ.100.1200*	10000/600	4600/1450	10,0/600	IV	1200/2050	330x62	320x50	1059	365/550	555
TGZ.100.1350*		3800/1750			1350/2350				430/650	590

- 1 hydraulic function required
- includes hoses and couplings
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO IV upon request

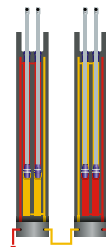
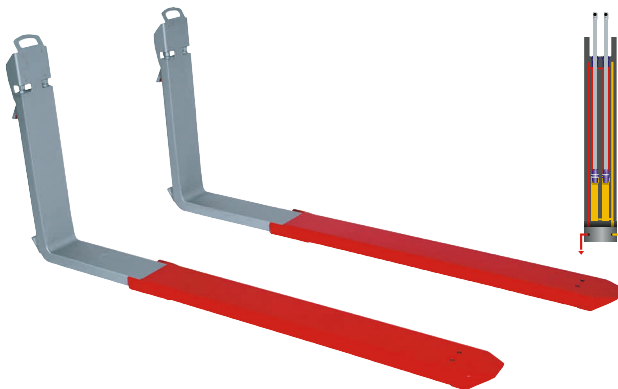
- pallet stop ISO IV (see page 198) upon request:
 - A) 75 mm on the fork pocket sides
 - B) 400 mm
 - C) 850 mm
- type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- for ISO type B mounting (ISO IV) upon request
- standard colour: dark grey

- low built height TGZ available upon request

*consider fork section when choosing pallets or loading scheme

Please note:

- standard load backrest does not fit with TGZ installed.



2 cylinder model TGZ 25 - 80

- 2 cylinders per fork arm
- 100% synchronised fork travel
- powerfull extension and retraction
- operates fully loaded

DURWEN
Forklift Attachments

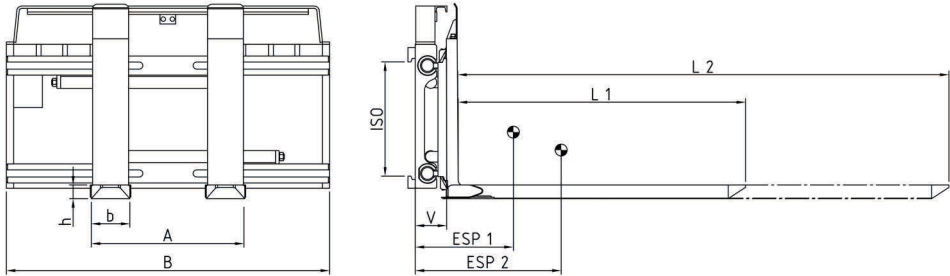
More than 75 years experience

Telescopic forks

RZV-TGZ
ISO II/III

with fork positioner, no sideshift

The **RZV-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	V LLC mm	ESP/COG 1/2 mm	weight kg
RZV-TGZ.20.1200 RZV-TGZ.20.1350	2000/500	950/1450 810/1750	1,0-2,0/500	II A	1040	500-1130	1200/2050 1350/2350	131x57	120x45	126	320/425 365/500	326 340
RZV-TGZ.25.1200	2500/600	1200/1450	2,0- 2,5/600	II A	1040 1150	530-1160 530-1270	1200/2050	161x57	150x45	126	340/465 330/455	365 372
RZV-TGZ.25.1350	2500/600	1000/1750	2,0- 2,5/600	II A	1040 1150	530-1160 530-1270	1350/2350	161x57	150x45	126	390/545 380/535	380 388
RZV-TGZ.35.1200	3500/500	1630/1450	3,0- 3,5/500	III A	1040 1150	510-1140 510-1250	1200/2050	161x57	150x45	138	320/430 320/425	406 415
RZV-TGZ.35.1350	3500/500	1390/1750	3,0- 3,5/500	III A	1040 1150	510-1140 510-1250	1350/2350	161x57	150x45	138	365/505 360/500	425 430
RZV-TGZ.40.1200	4000/500	1850/1450	3,5/600- 4,0/500	III A	1150 1350	510-1250 510-1450	1200/2050	161x57	150x45	153	300/400 290/390	458 476
RZV-TGZ.40.1350	4000/500	1550/1750	3,5/600- 4,0/500	III A	1150 1350	510-1250 510-1450	1350/2350	161x57	150x45	153	340/465 335/455	474 492
RZV-TGZ.45.1200 RZV-TGZ.45.1350	5000/600	2300/1450 1900/1750	4,0- 5,0/600	III A	1350	510-1450	1200/2050 1350/2350	161x62	150x50	153	310/405 350/470	500 518

- 2 hydraulic functions required (3 hydraulic functions integral sideshift)
- includes hoses and couplings
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO II/III upon request
- hook-on TGZ ISO 2328 as standard
- bolt-on forks upon request (drilling pattern changes, please ask)
- integral sideshift upon request

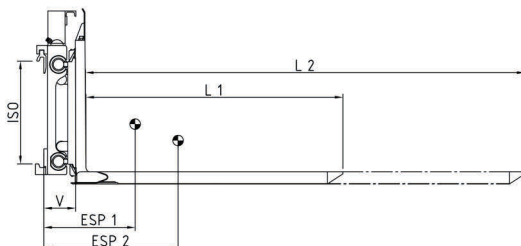
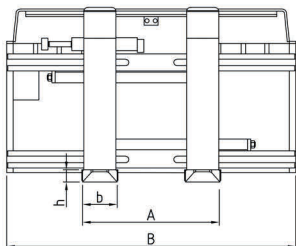
- pallet stop ISO II/III (see page 198) upon request:
A) 75 mm on the fork pocket sides
B) 400 mm
C) 850 mm
type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- ISO type B mounting upon request (ISO II/III)

Telescopic forks

RZV-S-TGZ
ISO II

with fork positioner and constant sideshift

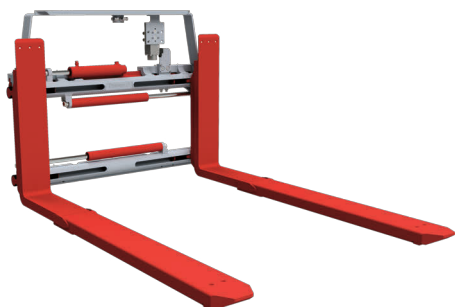
The **RZV-S-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	sideshift mm	V LLC mm	ESP/COG 1/2 mm	weight kg
RZV-S-TGZ.20.1200 RZV-S-TGZ.20.1350	2000/500	950/1450 810/1750	1,0- 2,0/500	II	1040	500-1130	1200/2050 1350/2350	131 x 57	120x45	+/- 100	142	315/415 360/485	348 362
RZV-S-TGZ.22.1200	2000/500	950/1450	1,0- 2,0/500		1040 1150	530-1160 530-1270	1200/2050	161 x 57	150x45			340/455 330/445	382 390
RZV-S-TGZ.22.1350	2000/500	810/1750	1,0- 2,0/500		1040 1150	530-1160 530-1270	1350/2350	161 x 57	150x45			385/535 380/525	400 408
RZV-S-TGZ.25.1200	2500/600	1200/1450	2,0- 2,5/600		1040 1150	530-1160 530-1270	1200/2050	161 x 57	150x45			335/455 330/445	384 392
RZV-S-TGZ.25.1350	2500/600	1000/1750	2,0- 2,5/600		1040 1150	530-1160 530-1270	1350/2350	161 x 57	150x45			385/530 380/525	400 410

- 3 hydraulic functions required
- includes hoses and couplings
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO II upon request

- hook-on TGZ ISO 2328 as standard
- bolt-on forks ISO II upon request (drilling pattern changes, please ask)
- pallet stop ISO II (see page 198) upon request:
 - A) 75 mm on the fork pocket sides
 - B) 400 mm
 - C) 850 mm
- type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- for ISO type B mounting (ISO II) upon request

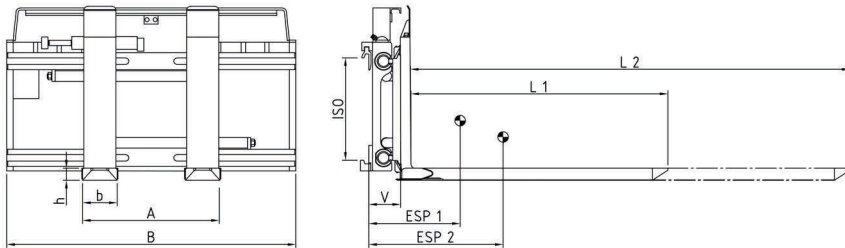


Telescopic forks

RZV-S-TGZ
ISO III

with fork positioner and constant sideshift

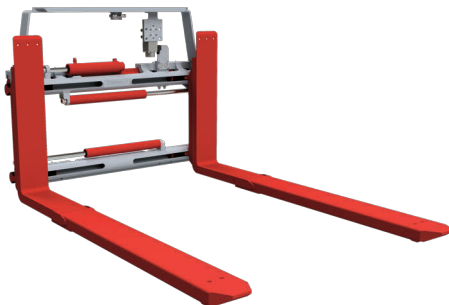
The **RZV-S-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 m	fork b x h mm	fork back mm	sideshift mm	V LLC mm	ESP/COG 1/2 mm	weight kg
RZV-S-TGZ.35.1200	3500/500	1630/1450	3,0- 3,5/500	III	1040 1150	510-1140 510-1250	1200/2050	161x57	150x45	+/- 100	152	325/430 320/425	420 430
RZV-S-TGZ.35.1350	3500/500	1390/1750	3,0- 3,5/500		1040 1150	510-1140 510-1250	1350/2350	161x57	150x45		152	370/505 360/495	438 445
RZV-S-TGZ.40.1200	4000/500	1850/1450	3,5/600- 4,0/500		1150 1350	510-1250 510-1450	1200/2050	161x57	150x45		168	305/405 295/390	470 494
RZV-S-TGZ.40.1350	4000/500	1550/1750	3,5/600- 4,0/500		1150 1350	510-1250 510-1450	1350/2350	161x57	150x45		168	350/470 335/450	488 510
RZV-S-TGZ.45.1200 RZV-S-TGZ.45.1350	5000/600	2300/1450 1900/1750	4,0- 5,0/600		1350	510-1450	1200/2050 1350/2350	161x62	150x50		168	310/400 350/470	516 536

- 3 hydraulic functions required
- includes hoses and couplings
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO III upon request
- hook-on TGZ ISO 2328 as standard
- bolt-on forks ISO III upon request (drilling pattern changes, please ask)

- pallet stop ISO III (see page 198) upon request:
 - A) 75 mm on the fork pocket sides
 - B) 400 mm
 - C) 850 mm
- type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- ISO type B mounting (ISO III) upon request



DURWEN
Forklift Attachments

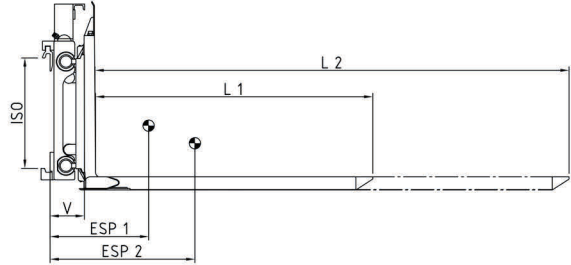
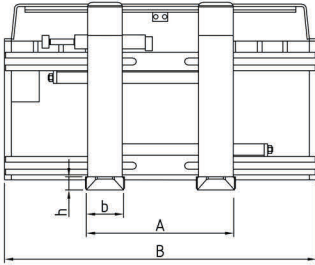
More than 75 years experience

Telescopic forks

RZV-S-TGZ
ISO IV

with fork positioner and constant sideshift

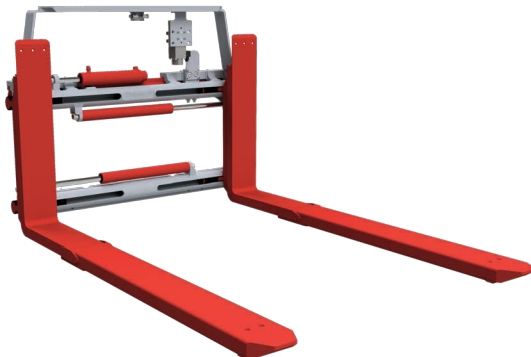
The **RZV-S-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	sideshift mm	V LLC mm	ESP/COG 1/2 mm	weight kg
RZV-S-TGZ.50.1200 RZV-S-TGZ.50.1350	5000/600	2300/1450 1900/1750	5,0/600	IV	1350	510-1450	1200/2050 1350/2350	161x62	150x50	+/- 100	180	270/345 305/400	640 660
RZV-S-TGZ.60.1200	6000/600	3100/1450	6,0/600		1460 1860	625-1625 625-2025	1200/2050	215x69	200x50	+/- 100 +/- 160	190	280/365 275/355	935 965
RZV-S-TGZ.60.1350	6000/600	2570/1750	6,0/600		1460 1860	625-1625 625-2025	1350/2350	215x69	200x50	+/- 100 +/- 160	190	315/425 305/415	965 995

- 3 hydraulic functions required
- includes hoses and couplings
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs

- thicker mangan steel wear zone (+6 mm) ISO IV upon request
- hook-on TGZ ISO 2328 as standard
- bolt-on forks ISO IV upon request (drilling pattern changes, please ask)
- pallet stop ISO IV (see page 198) upon request:
 - A) 75 mm on the fork pocket sides
 - B) 400 mm
 - C) 850 mm
 type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- ISO type B mounting (ISO IV) upon request



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Forklift Attachments

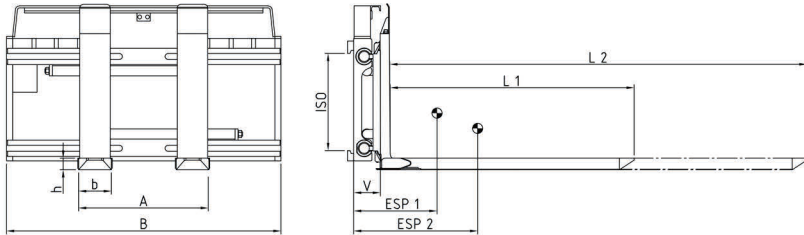
More than 75 years experience

Reach truck fork positioner

RZV-TGZ

telescopic forks, no sideshift

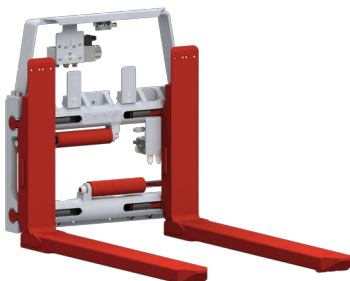
The **RZV-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard. This model range features a small frame that supports the configuration of reach trucks.



type	capacity kg LC 1 mm	capacity kg LC 2 mm	lift truck to LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	V LLC mm	ESP/COG 1/2 mm	weight kg
RZV-TGZ.20.1200	2000/500	950/1450	1,0-2,0/500	II	750 800 850 880	500 - 760 500 - 810 500 - 860 500 - 890	1200/2050	131x57	120x45	126	345/460 340/455 335/445 330/440	300 305 310 315
RZV-TGZ.20.1350	2000/500	810/1750	1,0-2,0/500		750 800 850 880	500 - 760 500 - 810 500 - 860 500 - 890	1350/2350	131x57	120x45		395/540 390/535 385/520 380/515	315 320 325 330
RZV-TGZ.25.1200	2500/600	1200/1450	2,0- 2,5/600		750 800 850	530 - 790 530 - 840 530 - 890	1200/2050	161x57	150x45		365/500 360/495 350/485	335 340 345
RZV-TGZ.25.1350	2500/600	1000/1750	2,0- 2,5/600		750 800 850	530 - 790 530 - 840 530 - 890	1350/2350	161x57	150x45		415/585 410/580 405/565	350 355 360

- 2 hydraulic functions required (3 hydraulic functions integral sideshift)
- includes hoses and couplings
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- hook-on TGZ ISO 2328 as standard
- thicker mangan steel wear zone (+6 mm) ISO II/III upon request
- bolt-on forks add 770,- Euro / set ISO II (drilling pattern change, please ask)
- different pallet stop positions upon request
- integral sideshift upon request

- pallet stop ISO II (see page 198) upon request:
 - A) 75 mm on the fork pocket sides
 - B) 400 mm
 - C) 850 mm
- type B and C reduce the useable length by 50 mm
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- LLC spacer kit upon request (can increase LLC in steps up to 50 mm)
- ISO type B mounting (ISO II) upon request



Important note: The reach truck must be equipped with a collision prevention that prevents collision of fork positioner parts with the wheel legs or parts of the reach truck. This means usually that fork positioning and sideshift must be shut off with the attachment between the wheel legs. The reach truck carriage design must accommodate the mounting of an attachment.

A spacer kit is available from Durwen. It allows the extension of the attachment mounting up to 50 mm giving extra space for carriage parts or reach truck parts that may protrude into the attachment mounting or operation space.

DURWEN
Forklift Attachments

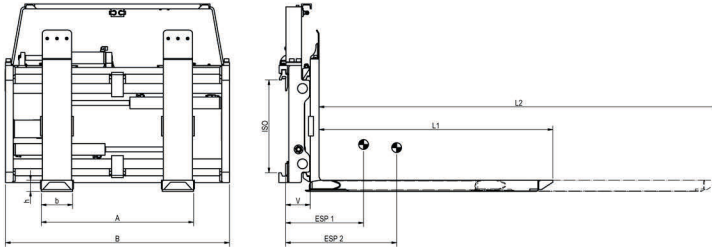
More than 75 years experience

Fork positioner

ZVW-S-TGZ
ISO II

with hook-on telescopic forks, with constant sideshift

The **fork positioner type ZVW-S-TGZ** with shaft guidance features durability and excellent visibility. The shaft guidance is especially clean and allows for precise fork positioning due to high-quality hydraulics. Constant sideshift enables usage of the complete sideshift at every fork position. The unit is equipped with telescopic forks which facilitate loading and unloading of transport vehicles. The TGZ can be extended under load and feature 100% synchronised reach movement. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	sideshift mm	V LLC mm	ESP/COG 1/2 mm	weight kg
ZVW-S-TGZ.20.1200	2000/500	950/1450	1,0- 2,0/500	II	1040	330-950	1200/2050	131 x 57	+/- 100	124	285/375	374
ZVW-S-TGZ.20.1350											325/440	388
ZVW-S-TGZ.22.1200	2000/500	950/1450	1,0- 2,0/500		1040 1150	360-980 360-1090	1200/2050	161 x 57			305/420	410
											295/400	430
ZVW-S-TGZ.22.1350	2000/500	810/1750	1,0- 2,0/500		1040 1150	360-980 360-1090	1350/2350	161 x 57			350/490	426
											340/470	446
ZVW-S-TGZ.25.1200	2500/600	1200/1450	2,0- 2,5/600		1040 1150	360-980 360-1090	1200/2050	161 x 57			305/415	410
											290/395	428
ZVW-S-TGZ.25.1350	2500/600	1000/1750	2,0- 2,5/600		1040 1150	360-980 360-1090	1350/2350	161 x 57			350/490	428
											340/475	440

- 3 hydraulic functions required
- includes hoses and couplings
- hook-on forks ISO 2328 as standard
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs

- thicker mangan steel wear zone (+6 mm) ISO II upon request

- bolt-on forks ISO II upon request

- pallet stop ISO II (see page 198) upon request:

A) 75 mm on the fork pocket sides

B) 400 mm

C) 850 mm

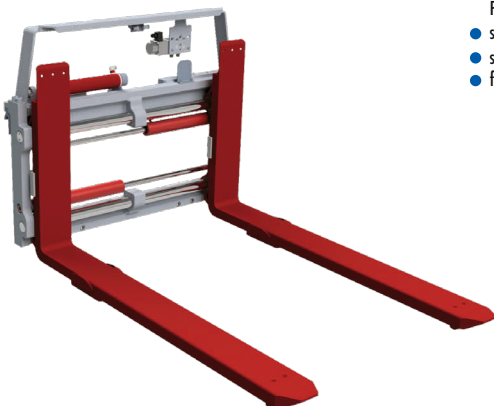
Type B and C reduce the useable length by at least 50 mm.

Please indicate required position upon order.

- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)

- standard is ISO A

- for ISO type B mounting upon request ISO II



DURWEN
Forklift Attachments

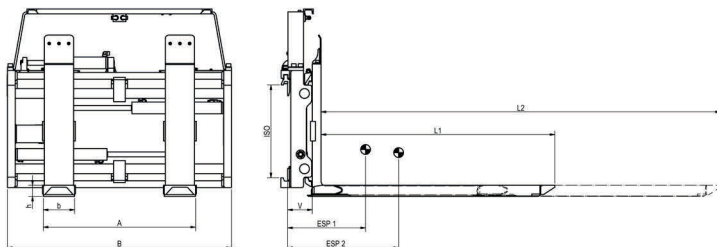
More than 75 years experience

Fork positioner

ZVW-S-TGZ
ISO III

with hook-on telescopic forks, with constant sideshift

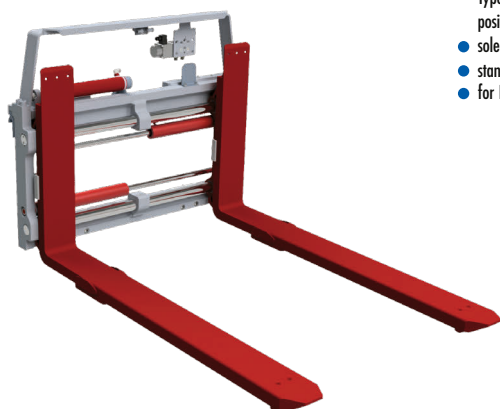
The **fork positioner type ZVW-S-TGZ** with shaft guidance features durability and excellent visibility. The shaft guidance is especially clean and allows for precise fork positioning due to high-quality hydraulics. Constant sideshift enables usage of the complete sideshift at every fork position. The unit is equipped with telescopic forks which facilitate loading and unloading of transport vehicles. The TGZ can be extended under load and feature 100% synchronised reach movement. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	sideshift mm	V LLC mm	ESP/COG 1/2 mm	weight kg
ZVW-S-TGZ.35.1200	3500/500	1630/1450	3,0- 3,5/500	III	1040 1150	360-980 360-1090	1200/2050	161 x 57	+/- 100	127	290/390 280/380	450 460
ZVW-S-TGZ.35.1350	3500/500	1390/1750	3,0- 3,5/500		1040 1150	360-980 360-1090	1350/2350	161 x 57		127	330/460 320/445	468 478
ZVW-S-TGZ.40.1200	4000/500	1850/1450	3,5/600- 4,0/500		1150 1350	390-1070 390-1270	1200/2050	161 x 57		150	270/350 250/330	532 576
ZVW-S-TGZ.40.1350	4000/500	1550/1750	3,5/600- 4,0/500		1150 1350	390-1070 390-1270	1350/2350	161 x 57		150	305/410 285/385	550 594
ZVW-S-TGZ.45.1200	5000/600	2300/1450	4,0- 5,0/600		1350	390-1270	1200/2050	161 x 62		150	265/345 300/400	598 620
ZVW-S-TGZ.45.1350		1900/1750				390-1270	1350/2350					

- 3 hydraulic functions required
- includes hoses and couplings
- hook-on forks ISO 2328 as standard
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs

- thicker mangan steel wear zone (+6 mm) ISO III upon request
- bolt-on forks ISO III upon request
- pallet stop ISO III (see page 198) upon request:
 - A) 75 mm on the fork pocket sides
 - B) 400 mm
 - C) 850 mm
- Type B and C reduce the useable length by at least 50 mm. Please indicate required position upon order.
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- standard is ISO A
- for ISO type B mounting upon request ISO III



DURWEN
Forklift Attachments

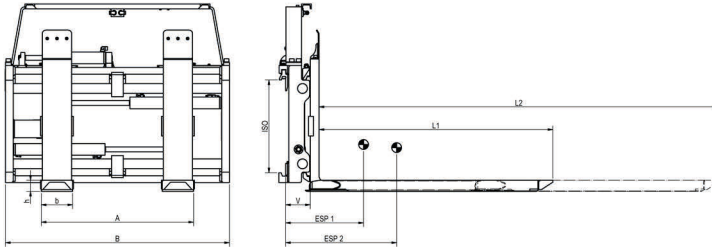
More than 75 years experience

Fork positioner

**ZVW-S-TGZ
ISO IV**

with hook-on telescopic forks, with constant sideshift

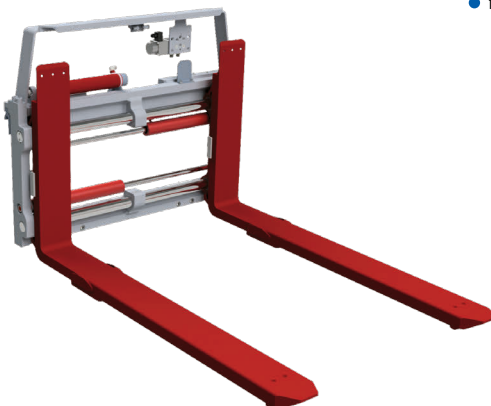
The **fork positioner type ZVW-S-TGZ** with shaft guidance features durability and excellent visibility. The shaft guidance is especially clean and allows for precise fork positioning due to high-quality hydraulics. Constant sideshift enables usage of the complete sideshift at every fork position. The unit is equipped with telescopic forks which facilitate loading and unloading of transport vehicles. The TGZ can be extended under load and feature 100% synchronised reach movement. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	sideshift mm	V LLC mm	ESP/COG 1/2 mm	weight kg
ZVW-S-TGZ.50.1200 ZVW-S-TGZ.50.1350	5000/600	2300/1450 1900/1750	5,0/600	IV	1350	390-1270	1200/2050 1350/2350	161 x 62	+/- 100	156	235/300 265/350	724 744
ZVW-S-TGZ.60.1200	6000/600	3100/1450	6,0/600		1460 1860	445-1405 445-1805	1200/2050	215 x 69	+/- 100 +/- 160	166	265/355 245/325	950 1050
ZVW-S-TGZ.60.1350	6000/600	2570/1750	6,0/600		1460 1860	445-1405 445-1805	1350/2350	215 x 69	+/- 100 +/- 160	166	300/415 275/380	980 1080

- 3 hydraulic functions required
- includes hoses and couplings
- hook-on forks ISO 2328 as standard
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs

- thicker mangan steel wear zone (+6 mm) ISO IV upon request
- bolt-on forks ISO IV upon request
- pallet stop ISO IV (see page 198) upon request:
 - A) 75 mm on the fork pocket sides
 - B) 400 mm
 - C) 850 mm
- Type B and C reduce the useable length by at least 50 mm. Please indicate required position upon order.
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- standard is ISO A
- for ISO type B mounting ISO IV upon request

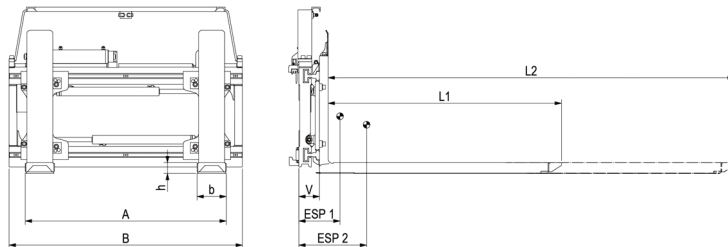


Fork positioner

PZV-S-TGZ
ISO II

telescopic forks, constant sideshift

The **sideshifting fork positioner PZV-S-TGZ** uses T profile guides. Compact design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position. The combined telescopic forks support faster and safer work due to ideal support of the transported goods. Single side loading is enabled as well. The forks are positioned hydraulically in your daily operation, however the pre-set position of the forks on the carrier can be changed due to the bolted fork stops. Under the table you find the minimum pre-set position available inside to inside fork shanks.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	sideshift mm	V LLC mm	ESP/COG 1/2 mm	weight kg
PZV-S-TGZ.20.1200	2000/500	950/1450	1,0/500-	II	1040	480-1110	1200/2050 1350/2350	131x57	120x45	+/- 100	122	293/383 366/503	349
PZV-S-TGZ.20.1350			2,0/500										365
PZV-S-TGZ.22.1200	2000/500	950/1450	1,0/500-	II	1040	500-1130 500-1240	1200/2050 1350/2350	161x57	150x45	+/- 100	122	340/464 329/454	386
PZV-S-TGZ.22.1350			2,0/500										396
PZV-S-TGZ.22.1350	2000/500	810/1750	1,0/500-	II	1040	500-1130 500-1240	1200/2050 1350/2350	161x57	150x45	+/- 100	122	384/535 376/527	396
PZV-S-TGZ.25.1200			2,0/500										406
PZV-S-TGZ.25.1200	2500/600	1200/1450	2,0/600-	II	1040	500-1130 500-1240	1200/2050	161x57	150x45	+/- 100	122	337/464 329/454	388
PZV-S-TGZ.25.1350			2,5/600										398
PZV-S-TGZ.25.1350	2500/600	1000/1750	2,0/600-	II	1040	500-1130 500-1240	1350/2350	161x57	150x45	+/- 100	122	384/539 376/527	398
PZV-S-TGZ.25.1350			2,5/600										408

- 3 hydraulic functions required
- includes hoses and couplings
- hook-on TGZ ISO 2328 as standard
- bolt-on forks upon request
(drilling pattern change, please ask)
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork
tip made of solid steel to reduce service costs

- thicker mangan steel wear zone (+6 mm) ISO II upon request
- pallet stop ISO II (see page 198) upon request:
 - A) 75 mm on the fork pocket sides
 - B) 400 mm
 - C) 850 mm
- type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- for ISO type B mounting upon request ISO II/III
- PZV-S-TGZ 25-48 allow min. fork position 69 mm inside



DURWEN
Forklift Attachments

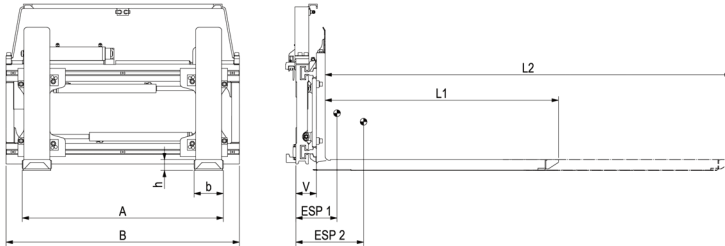
More than 75 years experience

Fork positioner

PZV-S-TGZ
ISO III

telescopic forks, constant sideshift

The sideshifting fork positioner PZV-S-TGZ uses T profile guides. Compact design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position. The combined telescopic forks support faster and safer work due to ideal support of the transported goods. Single side loading is enabled as well. The forks are positioned hydraulically in your daily operation, however the pre-set position of the forks on the carrier can be changed due to the bolted fork stops. Under the table you find the minimum pre-set position available inside to inside fork shanks.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	sideshift mm	V LLC mm	ESP/COG 1/2 mm	weight kg
PZV-S-TGZ.35.1200	3500/500	1630/1450	3,0/500- 3,5/500	III	1040 1150	500-1130 500-1240	1200/2050	161x57	150x45	+/- 100	129	325/442 318/434	412 422
PZV-S-TGZ.35.1350	3500/500	1390/1750	3,0/500- 3,5/500	III	1040 1150	500-1130 500-1240	1350/2350	161x57	150x45	+/- 100	129	369/515 361/504	426 436
PZV-S-TGZ.40.1200	4000/500	1850/1450	3,5/600- 4,0/500	III	1150 1350	500-1240 500-1440	1200/2050	161x57	150x45	+/- 100	136	306/415 295/399	460 480
PZV-S-TGZ.40.1350	4000/500	1550/1750	3,5/600- 4,0/500	III	1150 1350	500-1240 500-1440	1350/2350	161x57	150x45	+/- 100	136	349/484 336/466	476 496
PZV-S-TGZ.48.1200 PZV-S-TGZ.48.1350	5000/600	2300/1450 1900/1750	4,5/500- 5,0/600	III	1350	500-1440	1200/2050 1350/2350	161x62	150x50	+/- 100	136	305/407 343/469	501 515

- 3 hydraulic functions required
- includes hoses and couplings
- hook-on TGZ ISO 2328 as standard
- bolt-on forks upon request (drilling pattern change, please ask)
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs

- thicker mangan steel wear zone (+6 mm) ISO III upon request
- pallet stop ISO III (see page 198) upon request:
 - A) 75 mm on the fork pocket sides
 - B) 400 mm
 - C) 850 mm
- type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- for ISO type B mounting upon request ISO III
- PZV-S-TGZ 35-48 allow min. fork position 69 mm inside



DURWEN
Forklift Attachments

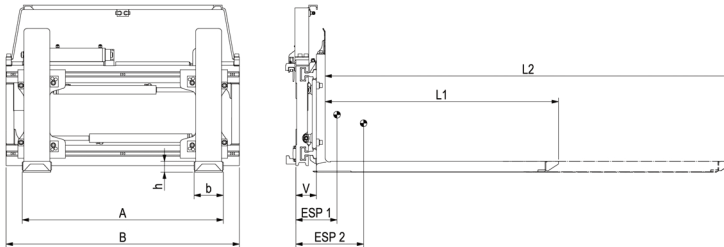
More than 75 years experience

Fork positioner

PZV-S-TGZ
ISO IV

telescopic forks, constant sideshift

The **sideshifting fork positioner PZV-S-TGZ** uses T profile guides. Compact design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position. The combined telescopic forks support faster and safer work due to ideal support of the transported goods. Single side loading is enabled as well. The forks are positioned hydraulically in your daily operation, however the pre-set position of the forks on the carrier can be changed due to the bolted fork stops. Under the table you find the minimum pre-set position available inside to inside fork shanks.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	sideshift mm	V LLC mm	ESP/COG 1/2 mm	weight kg
PZV-S-TGZ.50.1200 PZV-S-TGZ.50.1350	5000/600	2300/1450 1900/1750	5,0/600	IV	1350	500-1440	1200/2050 1350/2350	161x62	150x50	+/- 100	158	284/369 324/429	595 615
PZV-S-TGZ.60.1200	6000/600	3100/1450	6,0/600	IV	1460 1860	575-1575 575-1975	1200/2050	215x69	200x50	+/- 100 +/- 160	166	311/379 268/353	895 960
PZV-S-TGZ.60.1350	6000/600	2570/1750	6,0/600	IV	1460 1860	575-1575 575-1975	1350/2350	215x69	200x50	+/- 100 +/- 160	166	321/445 303/419	925 990

- 3 hydraulic functions required
- includes hoses and couplings
- hook-on TGZ ISO 2328 as standard
- bolt-on forks upon request
(drilling pattern change, please ask)
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork
tip made of solid steel to reduce service costs

- thicker mangan steel wear zone (+6 mm) ISO IV upon request
- pallet stop ISO IV (see page 198) upon request:
A) 75 mm on the fork pocket sides
B) 400 mm
C) 850 mm
type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- for ISO type B mounting ISO IV upon request
- PZV-S-TGZ 50 allow min. fork position 69 mm inside
PZV-S-TGZ 60 allow min. fork position 145 mm inside



DURWEN 
Forklift Attachments

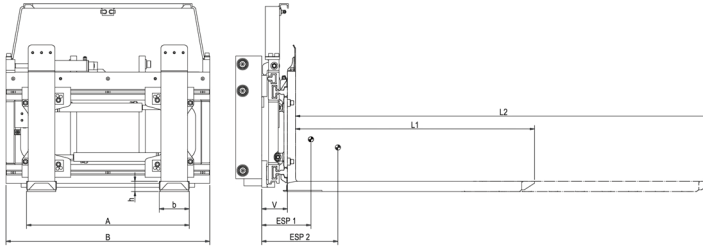
More than 75 years experience

Fork positioner

PZV-SI-TGZ
ISO II/III

integrated, telescopic forks, constant sideshift

The **sideshifting fork positioner PZV-SI-TGZ** uses T profile guides. Compact design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position. The combined telescopic forks support faster and safer work due to ideal support of the transported goods. Single side loading is enabled as well. The forks are positioned hydraulically in your daily operation, however the pre-set position of the forks on the carrier can be changed due to the bolted fork stops. Under the table you find the minimum pre-set position available inside to inside fork shanks.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	sideshift mm	V LLC mm	ESP/COG 1/2 mm	weight kg
PZV-SI-TGZ.20.1200 PZV-SI-TGZ.20.1350	2000/500	950/1450 810/1750	1,0/500- 2,0/500	II	1040	480-1110	1200/2050 1350/2350	131x57	120x45	+/- 100	133	254/332 296/405	404 420
PZV-SI-TGZ.25.1200	2500/600	1200/1450	2,0/600- 2,5/600	II	1040 1150	500-1130 500-1240	1200/2050	161x57	150x45	+/- 100	133	277/381 272/374	443 451
PZV-SI-TGZ.25.1350	2500/600	1000/1750	2,0/600- 2,5/600	II	1040 1150	500-1130 500-1240	1350/2350	161x57	150x45	+/- 100	133	318/445 310/437	453 461
PZV-SI-TGZ.35.1200	3500/500	1630/1450	3,0/500- 3,5/500	III	1040 1150	500-1130 500-1240	1200/2050	161x57	150x45	+/- 100	146	270/363 265/357	487 492
PZV-SI-TGZ.35.1350	3500/500	1390/1750	3,0/500- 3,5/500	III	1040 1150	500-1130 500-1240	1350/2350	161x57	150x45	+/- 100	146	298/423 293/417	501 506
PZV-SI-TGZ.40.1200	4000/500	1850/1450	3,5/600- 4,0/500	III	1150 1350	500-1240 500-1440	1200/2050	161x57	150x45	+/- 100	162	240/321 233/312	581 595
PZV-SI-TGZ.40.1350	4000/500	1550/1750	3,5/600- 4,0/500	III	1150 1350	500-1240 500-1440	1350/2350	161x57	150x45	+/- 100	162	276/377 267/366	597 611
PZV-SI-TGZ.48.1200 PZV-SI-TGZ.48.1350	5000/600	2300/1450 1900/1750	4,5/500- 5,0/600	III	1350	500-1440	1200/2050 1350/2350	161x62	150x50	+/- 100	162	244/322 268/372	616 630

- 3 hydraulic functions required
- without hoses and couplings
- hook-on TGZ ISO 2328 as standard
- bolt-on forks ISO II, III upon request (drilling pattern change, please ask)
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs



- thicker mangan steel wear zone (+6 mm) ISO II/III upon request
- pallet stop ISO II/III (see page 198):
 - A) 75 mm on the fork pocket sides ISO II/III upon request
 - B) 400 mm
 - C) 850 mm

type B and C reduce the useable length by 50 mm

- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- for ISO type B mounting upon request ISO II/III
- PZV-SI-TGZ 20-48 allow min. fork position 69 mm inside
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as fork lift model and mast model details
- weight, COG and LLC do not include brackets

DURWEN
Forklift Attachments

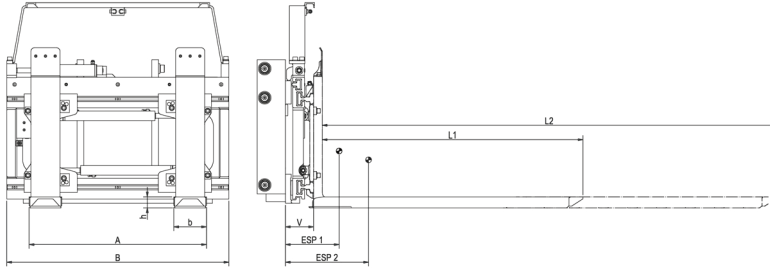
More than 75 years experience

Fork positioner

PZV-SI-TGZ
ISO IV

integrated, telescopic forks, constant sideshift

The **sideshifting fork positioner PZV-SI-TGZ** uses T profile guides. Compact design offers reliability and excellent operator visibility. The constant sideshift operates at any fork position. The combined telescopic forks support faster and safer work due to ideal support of the transported goods. Single side loading is enabled as well. The forks are positioned hydraulically in your daily operation, however the pre-set position of the forks on the carrier can be changed due to the bolted fork stops. Under the table you find the minimum pre-set position available inside to inside fork shanks.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	sideshift mm	V LLC mm	ESP/COG 1/2 mm	weight kg
PZV-SI-TGZ.50.1200 PZV-SI-TGZ.50.1350	5000/600	2300/1450 1900/1750	5,0/600	IV	1350	500-1440	1200/2050 1350/2350	161x62	150x50	+/- 100	177	246/315 280/394	675 695
PZV-SI-TGZ.60.1200	6000/600	3100/1450	6,0/600	IV	1460 1860	575-1575 575-1975	1200/2050	215x69	200x50	+/- 100 +/- 160	190	262/344 245/323	975 1045
PZV-SI-TGZ.60.1350	6000/600	2570/1750	6,0/600	IV	1460 1860	575-1575 575-1975	1350/2350	215x69	200x50	+/- 100 +/- 160	190	295/404 277/379	1005 1075

- 3 hydraulic functions required
- without hoses and couplings
- hook-on TGZ ISO 2328 as standard
- bolt-on forks ISO IV upon request
(drilling pattern change, please ask)
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork
tip made of solid steel to reduce service costs

- thicker mangan steel wear zone (+6 mm) ISO IV upon request
- pallet stop ISO IV (see page 198) upon request:
 - A) 75 mm on the fork pocket sides
 - B) 400 mm
 - C) 850 mm
- type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- for ISO type B mounting ISO IV upon request
- PZV-SI-TGZ 50 allow min. fork position 69 mm inside,
PZV-SI-TGZ 60 allow min. fork position 145 mm inside
- including brackets, chain anchor and stub shafts, without rollers
- detailed information including carriage drawings are required with the order as well as fork lift
model and mast model details
- weight, COG and LLC do not include brackets



DURWEN
Forklift Attachments

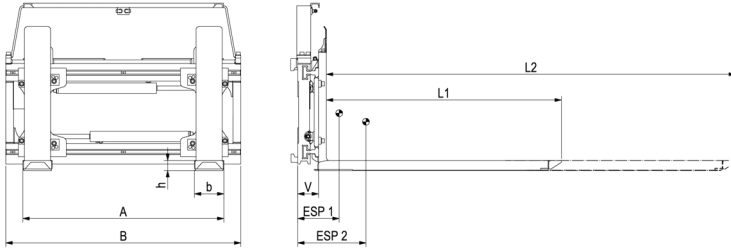
More than 75 years experience

Fork positioner

PZV-TGZ
ISO II/III

telescopic forks, no sideshift

The **sideshifting fork positioner PZV-TGZ** uses T profile guides. Compact design offers reliability and excellent operator visibility. The combined telescopic forks support faster and safer work due to ideal support of the transported goods. Single side loading is enabled as well. The forks are positioned hydraulically in your daily operation, however the pre-set position of the forks on the carrier can be changed due to the bolted fork stops. Under the table you find the minimum pre-set position available inside to inside fork shanks.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	V LLC mm	ESP/COG 1/2 mm	weight kg
PZV-TGZ.20.1200 PZV-TGZ.20.1350	2000/500	950/1450 810/1750	1,0/500- 2,0/500	II	1040	480-1110	1200/2050 1350/2350	131x57	120x45	105	316/419 368/511	337 350
PZV-TGZ.25.1200	2500/600	1200/1450	2,0/600- 2,5/600	II	1040 1150	500-1130 500-1240	1200/2050	161x57	150x45	105	342/476 327/456	368 383
PZV-TGZ.25.1350	2500/600	1000/1750	2,0/600- 2,5/600	II	1040 1150	500-1130 500-1240	1350/2350	161x57	150x45	105	383/542 375/532	386 393
PZV-TGZ.35.1200	3500/500	1630/1450	3,0/500- 3,5/500	III	1040 1150	500-1130 500-1240	1200/2050	161x57	150x45	113	324/445 317/437	400 407
PZV-TGZ.35.1350	3500/500	1390/1750	3,0/500- 3,5/500	III	1040 1150	500-1130 500-1240	1350/2350	161x57	150x45	113	368/519 361/509	414 421
PZV-TGZ.40.1200	4000/500	1850/1450	3,5/600- 4,0/500	III	1150 1350	500-1240 500-1440	1200/2050	161x57	150x45	120	302/414 291/398	448 465
PZV-TGZ.40.1350	4000/500	1550/1750	3,5/600- 4,0/500	III	1150 1350	500-1240 500-1440	1350/2350	161x57	150x45	120	346/485 333/467	464 481
PZV-TGZ.48.1200 PZV-TGZ.48.1350	5000/600	2300/1450 1900/1750	4,5/500- 5,0/600	III	1350	500-1440	1200/2050 1350/2350	161x62	150x50	120	326/458 339/469	486 500

- 2 hydraulic functions required
(3 hydraulic functions integral sideshift)
- includes hoses and couplings
- hook-on TGZ ISO 2328 as standard
- bolt-on forks ISO IV upon request
(drilling pattern change, please ask)
- protection strip with integrated hose guide as standard

- integral sideshift upon request
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO II/III upon request
- pallet stop ISO II/III (see page 198) upon request:
 - A) 75 mm on the fork pocket sides ISO II/III
 - B) 400 mm ISO II/III
 - C) 850 mm ISO II/III
- type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- for ISO type B mounting upon request ISO II/III
- PZV-TGZ 20-48 allow min. fork position 69 mm inside



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Forklift Attachments

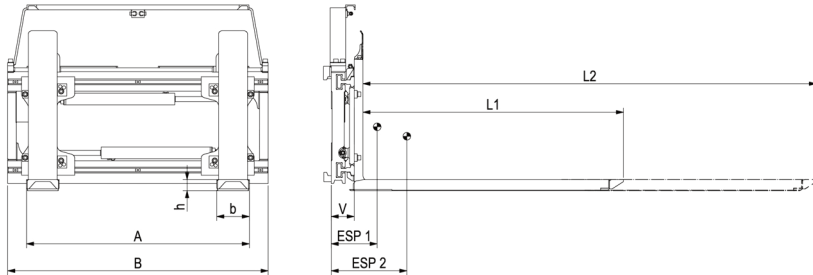
More than 75 years experience

Fork positioner

**PZV-TGZ
ISO IV**

telescopic forks, no sideshift

The **sideshifting fork positioner PZV-TGZ** uses T profile guides. Compact design offers reliability and excellent operator visibility. The combined telescopic forks support faster and safer work due to ideal support of the transported goods. Single side loading is enabled as well. The forks are positioned hydraulically in your daily operation, however the pre-set position of the forks on the carrier can be changed due to the bolted fork stops. Under the table you find the minimum pre-set position available inside to inside fork shanks.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	V LLC mm	ESP/COG 1/2 mm	weight kg
PZV-TGZ.50.1200 PZV-TGZ.50.1350	5000/600	2300/1450 1900/1750	5,0/600	IV	1350	500-1440	1200/2050 1350/2350	161x62	150x50	135	275/362 315/423	580 600
PZV-TGZ.60.1200	6000/600	3100/1450	6,0/600	IV	1460 1860	575-1575 575-1975	1200/2050	215/69	200x50	143	281/391 265/359	855 910
PZV-TGZ.60.1350	6000/600	2570/1750	6,0/600	IV	1460 1860	575-1575 575-1975	1350/2350	215/69	200x50	143	319/448 301/423	885 940

- 2 hydraulic functions required
(3 hydraulic functions integral sideshift)
- includes hoses and couplings
- hook-on TGZ ISO 2328 as standard
- bolt-on forks ISO IV upon request
(drilling pattern change, please ask)
- protection strip with integrated hose guide as standard
- integral sideshift upon request
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO IV upon request
- pallet stop ISO IV (see page 198) upon request:
A) 75 mm on the fork pocket sides
B) 400 mm
C) 850 mm
type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- for ISO type B mounting ISO IV upon request
- PZV-TGZ 50 allow min. fork position 69 mm inside,
PZV-TGZ 60 allow min. fork position 145 mm inside



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Forklift Attachments

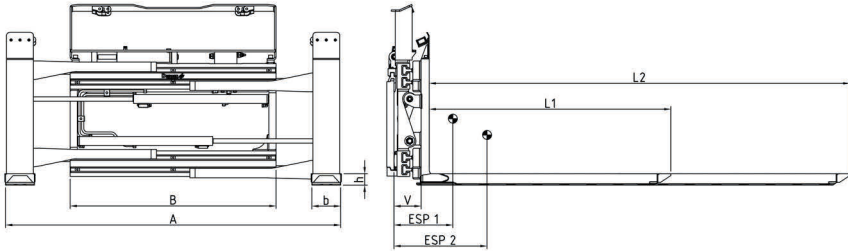
More than 75 years experience

Fork positioner

ZVP-S-TGZ
ISO II

telescopic forks, constant sideshift

The **ZVP-S-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. As this fork positioner spreads the forks beyond the frame width, it is ideal for handling wide goods and pallets. Clamping not allowed. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	sideshift mm	V LLC mm	ESP/COG 1/2 mm	weight kg
ZVP-S-TGZ.22.1200	2000/500	950/1450	1,5- 2,0/500	II	1050 1150	560-1780 560-1880	1200/2050	161x57	150x45	+/- 100	148	290/385 285/380	505 520
ZVP-S-TGZ.22.1350	2000/500	810/1750	1,5- 2,0/500		1050 1150	560-1780 560-1880	1350/2350					340/450 335/445	520 535
ZVP-S-TGZ.25.1200	2500/600	1200/1450	2,5/600		1050 1150	560-1780 560-1880	1200/2050					285/380 280/375	510 525
ZVP-S-TGZ.25.1350	2500/600	1000/1750	2,5/600		1050 1150	560-1780 560-1880	1350/2350					335/445 330/440	526 541

- 3 hydraulic functions required
- includes hoses and couplings
- bolt-on TGZ as standard
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs

- thicker mangan steel wear zone (+6 mm) ISO II upon request
- pallet stop ISO II (see page 198) upon request:
 - A) 75 mm on the fork pocket sides
 - B) 400 mm
 - C) 850 mm
 type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- for ISO type B mounting upon request ISO II



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Forklift Attachments

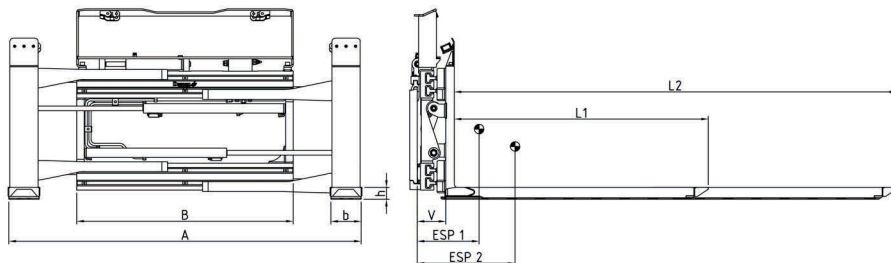
More than 75 years experience

Fork positioner

ZVP-S-TGZ
ISO III

telescopic forks, constant sideshift

The **ZVP-S-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. As this fork positioner spreads the forks beyond the frame width, it is ideal for handling wide goods and pallets. Clamping not allowed. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	sideshift mm	V LLC mm	COG 1/ COG 2 mm	weight kg		
ZVP-S-TGZ.35.1200	3500/500	1630/1450	3,5/500	III	1050 1150	560-1780 560-1880	1200/2050	161x57	150x45	+/- 100	153	290/375 285/370	545 555		
ZVP-S-TGZ.35.1350	3500/500	1390/1750	3,5/500		1050 1150	560-1780 560-1880	1350/2350	161x57			153	330/440 325/435	561 571		
ZVP-S-TGZ.40.1200	4000/500	1850/1450	4,0/500		1150 1350	550-1860 550-2060	1200/2050	161x57			155	250/320 240/310	680 715		
ZVP-S-TGZ.40.1350	4000/500	1550/1750	4,0/500		1150 1350	550-1860 550-2060	1350/2350	161x57			155	285/370 275/360	700 733		
ZVP-S-TGZ.45.1200	5000/500	2300/1450	5,0/500		1350	550-2060	1200/2050	161x62	150x50			165	230/285 255/320	830 846	
ZVP-S-TGZ.45.1350		1350/2350													
ZVP-S-TGZ.48.1200	5000/600	2350/1450	5,0/600		1350	550-2060	1200/2050	161x62					175	225/280 250/315	900 916
ZVP-S-TGZ.48.1350		1950/1750					1350/2350								

- 3 hydraulic functions required
- includes hoses and couplings
- bolt-on TGZ as standard
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO III upon request
- pallet stop ISO III (see page 198) upon request:
 - A) 75 mm on the fork pocket sides
 - B) 400 mm
 - C) 850 mm
 type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- for ISO type B mounting upon request ISO III



DURWEN
Forklift Attachments

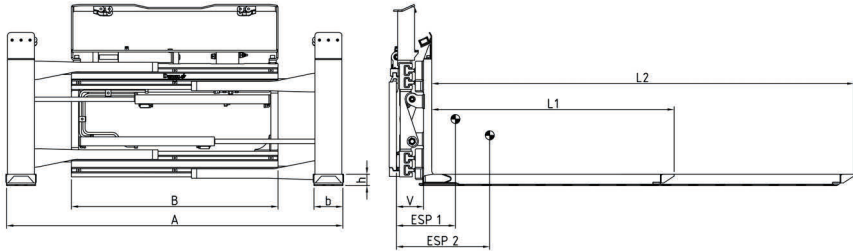
More than 75 years experience

Fork positioner

**ZVP-S-TGZ
ISO IV**

telescopic forks, constant sideshift

The **ZVP-S-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. As this fork positioner spreads the forks beyond the frame width, it is ideal for handling wide goods and pallets. Clamping not allowed. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	sideshift mm	V LLC mm	ESP/COG 1/2 mm	weight kg
ZVP-S-TGZ.50.1200 ZVP-S-TGZ.50.1350	5000/600	2350/1450 1950/1750	5,0/600	IV	1350	550-2060	1200/2050 1350/2350	161x62	150x50	+/- 100	179	220/275 245/310	985 1001
ZVP-S-TGZ.60.1200 ZVP-S-TGZ.60.1350	6000/600	3100/1450 2570/1750	6,0/600		1550	550-2260	1200/2050 1350/2350	215x69	200x50	+/- 160		230/295 290/365	1120 1155

- 3 hydraulic functions required
- includes hoses and couplings
- bolt-on TGZ as standard
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs

- thicker mangan steel wear zone (+6 mm) ISO IV upon request
- pallet stop ISO IV (see page 198) upon request:
 - A) 75 mm on the fork pocket sides
 - B) 400 mm
 - C) 850 mm
- type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- for ISO type B mounting ISO IV upon request



DURWEN 
Forklift Attachments

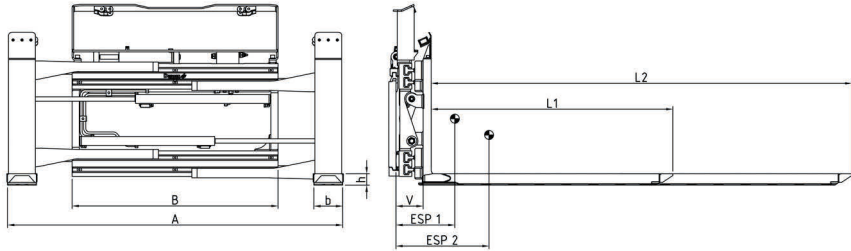
More than 75 years experience

Fork positioner

ZVP-TGZ
ISO II/III

telescopic forks, no sideshift

The **ZVP-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. As this fork positioner spreads the forks beyond the frame width, it is ideal for handling wide goods and pallets. Clamping not allowed. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	V LLC mm	ESP/COG 1/2 mm	weight kg
ZVP-TGZ.25.1200	2500/600	1200/1450	2,5/600	II	1050 1150	560-1780 560-1880	1200/2050	161x57	150x45	131 131	295/390 290/385	490 505
ZVP-TGZ.25.1350	2500/600	1000/1750	2,5/600	II	1050 1150	560-1780 560-1880	1350/2350	161x57	150x45	131 131	345/455 340/450	506 521
ZVP-TGZ.35.1200	3500/500	1630/1450	3,5/500	III	1050 1150	560-1780 560-1880	1200/2050	161x57	150x45	136 136	280/365 275/360	525 535
ZVP-TGZ.35.1350	3500/500	1390/1750	3,5/500	III	1050 1150	560-1780 560-1880	1350/2350	161x57	150x45	136 136	320/430 315/425	541 551
ZVP-TGZ.40.1200	4000/500	1850/1450	4,0/500	III	1150 1350	560-1860 560-2060	1200/2050	161x57	150x45	138 138	240/330 230/320	640 675
ZVP-TGZ.40.1350	4000/500	1550/1750	4,0/500	III	1150 1350	560-1860 560-2060	1350/2350	161x57	150x45	138 138	275/380 265/370	660 693
ZVP-TGZ.45.1200	5000/500	2300/1450	5,0/500	III	1350	550-2060	1200/2050	161x62	150x50	148	215/300	780
ZVP-TGZ.45.1350	5000/500	1900/1750	5,0/500	III	1350	550-2060	1350/2350	161x62	150x50	148	240/335	796
ZVP-TGZ.48.1200	5000/600	2350/1450	5,0/600	III	1350	550-2060	1200/2050	161x62	150x50	158	215/290	850
ZVP-TGZ.48.1350	5000/600	1950/1750	5,0/600	III	1350	550-2060	1350/2350	161x62	150x50	158	240/325	865

- 2 hydraulic functions required
(3 hydraulic functions integral sideshift)
- includes hoses and couplings
- bolt-on TGZ forks as standard
- protection strip with integrated hose guide as standard

- integral sideshift upon request
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO II/III upon request
- pallet stop ISO II/III (see page 198) upon request:
 - A) 75 mm on the fork pocket sides
 - B) 400 mm
 - C) 850 mm
- type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- for ISO type B mounting upon request ISO II/III



DURWEN
Forklift Attachments

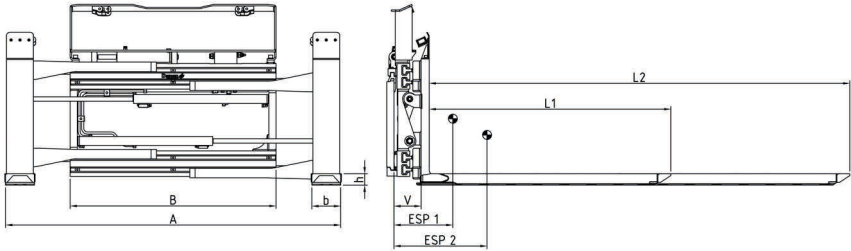
More than 75 years experience

Fork positioner

**ZVP-TGZ
ISO IV**

telescopic forks, no sideshift

The **ZVP-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallet sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. As this fork positioner spreads the forks beyond the frame width, it is ideal for handling wide goods and pallets. Clamping not allowed. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard.



type	capacity kg/ LC 1 mm	capacity kg/ LC 2 mm	lift truck to/ LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	V LLC mm	ESP/COG 1/2 mm	weight kg
ZVP-TGZ.50.1200	5000/600	2350/1450	5,0/600	IV	1350	550-2060	1200/2050	161x62	150x50	158	205/260	885
ZVP-TGZ.50.1350	5000/600	1950/1750	5,0/600	IV	1350	550-2060	1350/2350	161x62	150x50	158	235/295	901
ZVP-TGZ.60.1200	6000/600	3100/1450	6,0/600	IV	1550	550-2260	1200/2050	215x69	200x50	158	230/290	1025
ZVP-TGZ.60.1350	5000/600	2570/1750	6,0/600	IV	1550	550-2260	1350/2350	215x69	200x50	158	290/360	1060

- 2 hydraulic functions required
(3 hydraulic functions integral sideshift)
- includes hoses and couplings
- bolt-on TGZ forks as standard
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- integral sideshift upon request
- thicker mangan steel wear zone (+6 mm) ISO IV upon request
- pallet stop ISO IV (see page 198) upon request:
 - A) 75 mm on the fork pocket sides
 - B) 400 mm
 - C) 850 mm
- type B and C reduce the useable length by 50 mm
- different pallet stop positions upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- for ISO type B mounting ISO IV upon request



DURWEN
Forklift Attachments

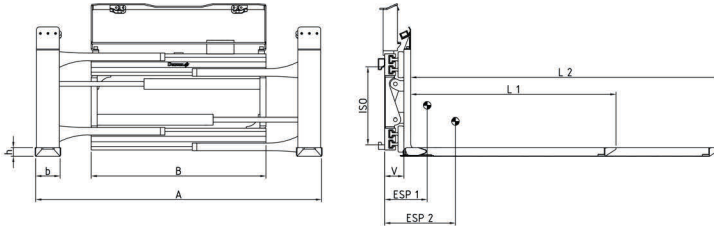
More than 75 years experience

Reach truck fork positioner

ZVP-TGZ

telescopic forks, no sideshift, wide opening

The **ZVP-TGZ** is a combination of fork positioner and telescopic forks that enables quick and cost effective loading and stacking especially when loading and unloading from one side of a vehicle. The unit copes with a variety of logistical needs including different pallets sizes and load dimensions. The telescopic forks feature 100% synchronised reach movement for ease of use. As this fork positioner spreads the forks beyond the frame width, it is ideal for handling wide goods and pallets. Clamping not allowed. Fork pockets feature +2mm wear resistant mangan steel wear zone as standard. This model range features a small frame that supports the configuration of reach trucks.



type	capacity kg LC 1 mm	capacity kg LC 2 mm	lift truck to LC mm	ISO	B mm	A mm	retracted extended L1/L2 mm	fork b x h mm	fork back mm	V LLC mm	ESP 1/ESP 2 COG 1/COG 2 mm	weight kg
ZVP-TGZ.20.1200	2000/600	950/1450	2,0/600	II	720	560 - 1420	1200/2050	131x57	120x45	131	283/363	427
					750	560 - 1450					280/360	430
					800	560 - 1500					275/355	435
					880	560 - 1580					270/350	443
ZVP-TGZ.20.1350	2000/600	810/1750	2,0/600		720	560 - 1420	1350/2350	131x57	120x45		328/428	420
					750	560 - 1450					325/425	437
					800	560 - 1500					320/420	442
					880	560 - 1580					315/415	450
ZVP-TGZ.25.1200	2500/600	1200/1450	2,5/600		720	560 - 1450	1200/2050	161x57	150x45		268/363	472
					750	560 - 1480					265/360	475
					800	560 - 1530					260/355	480
					880	560 - 1610					255/350	488
ZVP-TGZ.25.1350	2500/600	1000/1750	2,5/600		720	560 - 1450	1350/2350	161x57	150x45		318/438	488
					750	560 - 1480					315/435	491
					800	560 - 1530					310/430	496
					880	560 - 1610					305/425	504

- 2 hydraulic functions required (3 hydraulic functions integral sideshift)
- includes hoses and couplings
- protection strip with integrated hose guide as standard
- standard with easily replaceable wear zones and fork tip made of solid steel to reduce service costs
- thicker mangan steel wear zone (+6 mm) ISO II upon request
- bolt-on TGZ as standard
- different pallet stop positions upon request
- integral sideshift upon request

- pallet stop, ISO II (see page 198) upon request:
 - A) 75 mm on the fork pocket sides
 - B) 400 mm
 - C) 850 mm
- type B and C reduce the useable length by 50 mm
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- LLC spacer kit upon request (can increase LLC in steps up to 50 mm)
- ISO type B mounting (ISO II) upon request

Important note: The reach truck must be equipped with a collision prevention that prevents collision of fork positioner parts with the wheel legs or parts of the reach truck. This means usually that fork positioning and sideshift must be shut off with the attachment between the wheel legs. The reach truck carriage design must accommodate the mounting of an attachment. A spacer kit is available from Durwen. It allows the extension of the attachment mounting up to 50 mm giving extra space for carriage parts or reach truck parts that may protrude into the attachment mounting or operation space.



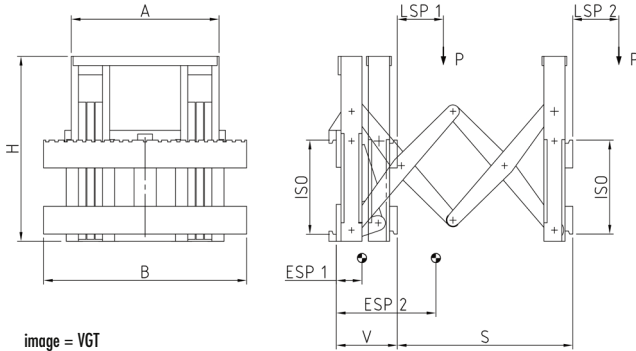
DURWEN
Forklift Attachments

More than 75 years experience

Load extender

VGT/VGT-S

The load extender **VGT** enables loading from one side of the vehicle. Its stable construction minimises service life cost. The original standard fork arms can be used.

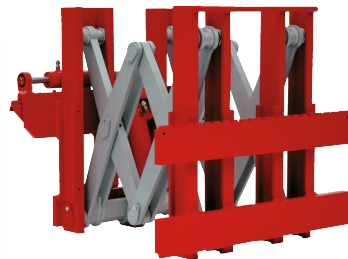
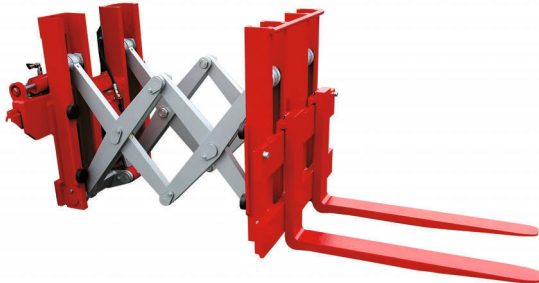


without sideshift												
type	capacity retracted P kg LC 1/LSP 1 mm	capacity extended P kg LC 2/LSP 2 mm	lift truck to LC mm	ISO back/ front	B mm	A mm	H mm	stroke E mm	V LLC mm	ESP 1 COG 1 mm	ESP 2 COG 2 mm	weight kg
VGT 25	2500/600	1150/1450	2,5/600	II	980	800	1000	950	340	154	546	605
VGT 35	3500/600	1300/1450	3,0-3,5/600	III	1100	800	1000	950	348	164	610	655

- 1 hydraulic function required
- includes hoses and couplings
- can also be supplied with 1200 mm stroke to your choice
- forks not included

with constant sideshift													
type	capacity retracted P kg LC 1/LSP 1 mm	capacity extended P kg LC 2/LSP 2 mm	lift truck to LC mm	ISO back/ front	B mm	A mm	H mm	stroke E mm	sideshift mm	V LLC mm	ESP 1 COG 1 mm	ESP 2 COG 2 mm	weight kg
VGT 25-S	2500/600	1150/1450	2,5/600	II	980	800	1000	950	+/- 100	355	150	620	668
VGT 35-S	3500/600	1300/1450	3,0-3,5/600	III	1100	800	1000	950	+/- 100	360	165	635	695

- 2 hydraulic functions required
- includes hoses and couplings
- can also be supplied with 1200 mm stroke to your choice
- forks not included



Push Pull - Pusher

**KA
AS**

The **push pull KA** is designed to handle load that is placed on slip sheets. The installation is quick and easy due to fork pockets and quick couplings. The unit features a stable scissor mechanism and strong grip for the slip sheets.

The **pusher AS** only pushes off load that is loaded on the platens.

The types **ISO** and **ISO-S** are carriage mounted.

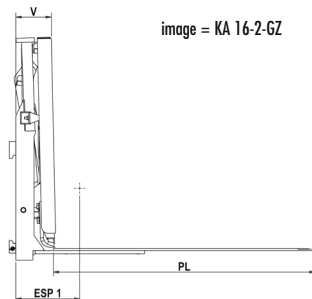
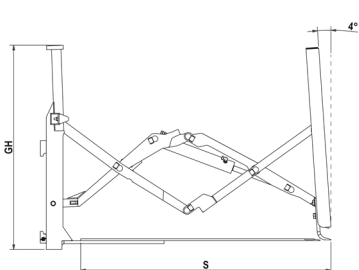
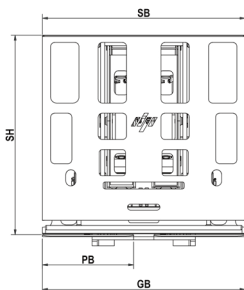


image = KA 16-2-GZ

type	capacity kg/mm LC	platen length PL mm	platen width PB mm	platen oto GB mm	total width GB mm	push platen width SB mm	push platen height SH mm	max. fork width mm	max. fork thickness mm	stroke S mm	V LLC mm	ESP COG mm	weight kg
fork mounted													
KA 16-1-GZ	1600/610	1220	380	860	1010	1000	1000	150	40-50	1275	165	278/778	325
KA 16-2-GZ			450	1000	1150						165	298/778	335
AS 16-1-GZ			380	860	1010						165	293/705	290
AS 16-2-GZ			450	1000	1150						165	315/708	305
fork mounted with sheet saver													
KA 16-1-GZ-P	1600/610	1220	380	860	1010	1000	1000	150	40-50	1275	250	295/712	382
KA 16-2-GZ-P			450	1000	1150						250	313/714	395
mounting class ISO II A													
KA 16-1-ISO	1600/610	1220	380	860	1050	1000	1000	-	-	1275	165	319/621	512
KA 16-2-ISO			450	990	1180			-	-		165	340/620	555
AS 16-1-ISO			380	860	1050			-	-		165	331/579	480
AS 16-2-ISO			450	990	1180			-	-		165	353/572	525
mounting class ISO II A, constant sideshift													
KA 16-1-ISO-S	1600/610	1220	380	860	1050	1000	1000	-	-	1275	210	352/582	572
KA 16-2-ISO-S			450	1000	1180			-	-		210	381/580	615
pusher only, no platen													
AS 16-1-ISO-OT	-	-	-	800	800	800	1000	-	40-50	1275	245	138/576	250
backrest kit required if backrest installed													
KA 16-1-GZ with spacer kit	1600/610	1220	380	860	1010	1000	1000	150	40-50	1275	235	325/790	348
KA 16-2-GZ with spacer kit			450	1000	1150						235	345/792	358



images shows type KA 16-2-GZ-P

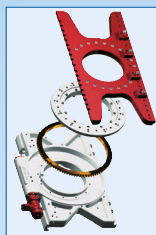
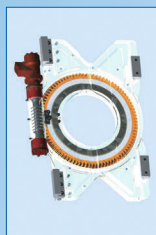
- 1 hydraulic function required (2 hydraulic functions type KA-ISO-S, KA-GZ-P)
- includes hoses and couplings
- other sizes upon request
- multifaster coupling system upon request
- max. fork length 1220 mm (1100 recommended)
- backrest kit required for combined use

DURWEN
Forklift Attachments

More than 75 years experience

This image shows a full page of blank graph paper. The grid consists of small, equal-sized squares formed by thin gray lines. There are 20 columns and 20 rows of these squares, creating a total of 400 square units. The grid covers the entire area of the page, leaving no margins or other markings.

Rotator type DG



Durwen app



direct drive for
maximum service life

high grade motor with
safety valve

bolted fork carriage

steel support
forks for rotator forks

excellent visibility

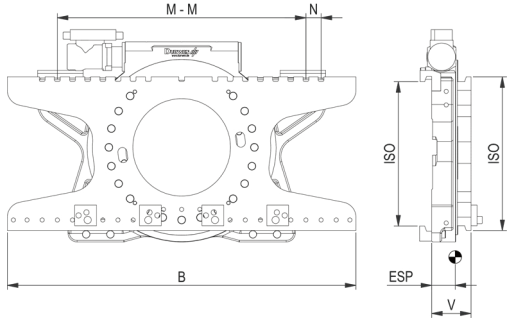
stable cast frame



360° rotator

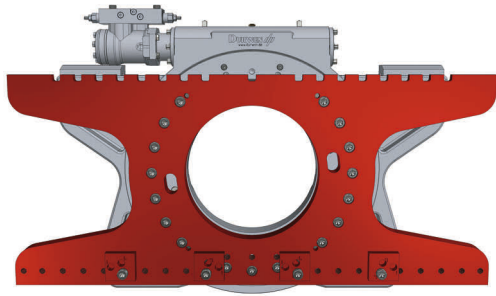
DG

The **rotator DG** has a cast steel frame enabling compact design. The worm gear has several teeth meshing at one time thus helping to increase the service life of the attachment. A seal fitted as standard protects the rotator against the ingress of dirt and dust.



type	capacity kg LC mm	lift truck to LC mm	ISO	width B mm	centre distance M-M mm	N mm	max. torque ΔP 130 bar Nm	V LLC mm	ESP COG mm	weight kg
DG 16	1600/500	1,5-1,8/500	II	880	260-660	50	5200	117	51	217
DG 20	2000/500	2,0/500	II	980	260-760	50	5200	117	52	223
DG 25	2500/600	2,5/600	II	1080	260-860	50	9400	120	53	269
DG 30	3000/500	3,0/500	III	1150	320-920	50	9400	130	61	316
DG 35	3500/500	3,0/600- 3,5/500	III	1150	320-920	50	11700	135	65	331
DG 40	4000/500	3,5/600-4,0/500	III	1150	310-910	50	14000	148	66	455
DG 45	5000/600	4,0-5,0/600	III	1350	310-1110	50	14000	148	69	471
DG 50	5000/600	5,0/600	IV	1380	310-1110	50	14000	153	76	545
DG 60	6000/600	6,0/600	IV	1500	310-1210	50	22000	155	73	706
DG 80	8000/600	7,0-8,0/600	IV	1750	380-1480	50	22000	165	80	763
DG 100	8000/900	8,0/900	IV	1750	380-1480	50	26000	178	84	860
DG 120	12000/600	8,0/1100- 12,0/600	IV	1850	380-1580	50	26000	178	87	920
DG 160	16000/600	14,0/600- 16,0/600	Pin	2400	bolt-on	100	52000	266	140	3700
DG 200	20000/600	18,0/600- 20,0/600	Pin	2400	bolt-on	100	52000	271	143	3795
DG 240	24000/600 16000/900	16,0/1200	Pin	2400	bolt-on	100	52000	276	148	3860

- 1 hydraulic function required
- includes hoses and couplings
- safety valve as standard
- quick release hooks: (ISO II, III, IV) upon request
- forks not included
- hook-on forks reinforced for rotator use must be used
- options see page 235, 238



DURWEN
Forklift Attachments

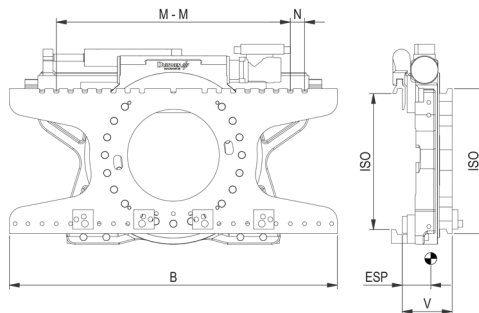
More than 75 years experience

Sideshifting 360° rotator

DG-S

constant sideshift

The **rotator DG-S** has a cast steel frame enabling compact design. The worm gear has several teeth meshing at one time thus helping to increase the service life of the attachment. A seal fitted as standard protects the rotator against the ingress of dirt and dust. DG-S is equipped with constant sideshift +/-100 mm.

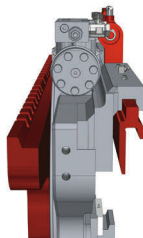
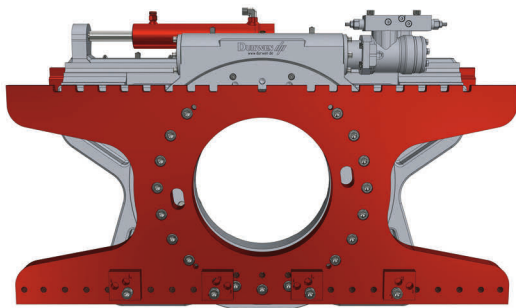


type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	centre distance M-M mm	N mm	max. torque ΔP 130 bar Nm	sideshift mm	V LLC mm	ESP COG mm	weight kg
DG 16-S	1600/500	1,5-1,8/500	II	880	260-660	50	5200	+/- 100	166	85	264
DG 20-S	2000/500	2,0/500	II	980	260-760		5200		166	87	270
DG 25-S	2500/600	2,5/600	II	1080	260-860		9400		149	72	314
DG 30-S	3000/500	3,0/500	III	1150	320-920		9400		175	90	375
DG 35-S	3500/500	3,0/600- 3,5/500	III	1150	320-920		11700		180	92	385
DG 40-S	4000/500	3,5/600- 4,0/500	III	1150	310-910		14000		193	95	550
DG 45-S	5000/600	4,0-5,0/600	III	1350	310-1110		14000		193	97	565
DG 50-S	5000/600	5,0/600	IV	1380	310-1110		14000		220	110	730
DG 60-S	6000/600	6,0/600	IV	1500	310-1210		22000		228	118	883
DG 80-S	8000/600	7,0-8,0/600	IV	1750	380-1480		22000		238	128	968
DG 100-S	8000/900	8,0/900	IV	1750	380-1480		26000		251	130	1020
DG 120-S	12000/600	8,0/1100- 12,0/600	IV	1850	380-1580		26000		251	133	1128

- 2 hydraulic functions required
- includes hoses and couplings
- safety valve as standard

- constant sideshift as standard
- options see page 235, 238
- quick release hooks: (ISO II, III, IV) upon request

- forks not included
- hook-on forks reinforced for rotator use must be used



DURWEN 
Forklift Attachments

More than 75 years experience

360° rotator

adjustable and foldable sidearm

DG-ST-K
DG-S-ST-K

The **rotator DG-ST-K** has a manually foldable sidearm that provides side support to containers during the emptying process. The foldable sidearm can be adjusted for boxes from 1200 to 2250 mm box width. The arm can be manually removed and inserted on the other side of the unit. The boxes (containers) should have closed pockets for the forks in order to avoid loosening them when rotating. The unit does not clamp the container. If you need to clamp the container for safer handling, please see our type DGE box discharger or rotator type DG-BK.

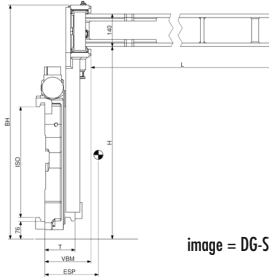
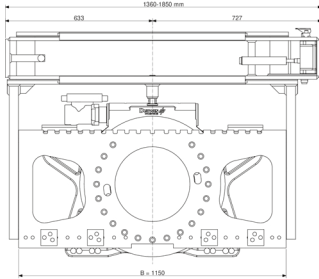
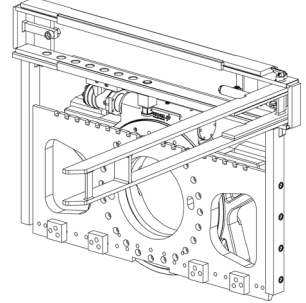


image = DG-ST-K



without sideshift												
type	capacity kg LC mm	lift truck to LC mm	ISO	width B mm	arm h x t x L mm	max. torque ΔP 130 bar Nm	overall height* mm	supported box width mm	T mm	V LLC mm	ESP COG mm	weight kg
DG 20-ST-K	2000/500	1,0-2,0/500	II	1150	140x70x1200	5200	970	1200-2250	117	190	83/122	374
DG 25-ST-K	2500/600	2,5/600	II			9400	970		120	198	80/112	410
DG 30-ST-K	3000/500	3,0/500	III			9400	1010		130	198	83/114	455
DG 35-ST-K	3500/500	3,0/600- 3,5/500	III			11700	1010		135	203	87/118	465

- 1 hydraulic function required
- includes hoses and couplings
- safety valve as standard

- quick release hooks: (ISO II, III,) upon request
- forks not included
- hook-on forks reinforced for rotator use must be used
*with ISO 2328 A forks

with constant sideshift													
type	capacity kg LC mm	lift truck to LC mm	ISO	width B mm	arm h x t x L mm	max. torque ΔP 100 bar Nm	overall height* mm	supported box width mm	sideshift mm	T mm	V LLC mm	ESP COG mm	weight kg
DG 20-S-ST-K	2000/500	1,0-2,0/500	II	1150	140x70x1200	5200	970	1200-2250	+/- 100	166	239	119/154	424
DG 25-S-ST-K	2500/600	2,5/600	II			9400	970		+/- 100	149	229	102/133	455
DG 30-S-ST-K	3000/500	3,0/500	III			9400	1010		+/- 100	175	243	115/142	520
DG 35-S-ST-K	3500/500	3,0/600- 3,5/500	III			11700	1010		+/- 100	180	248	118/145	530

- 2 hydraulic functions required
- includes hoses and couplings
- safety valve as standard
- constant sideshift as standard

- quick release hooks: (ISO II, III,) upon request
- forks not included
- hook-on forks reinforced for rotator use must be used
*with ISO 2328 A forks

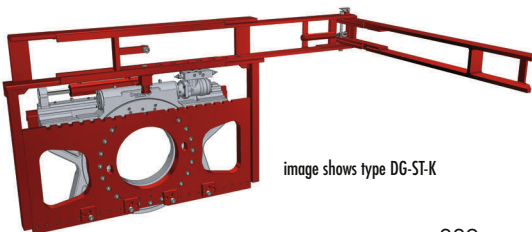


image shows type DG-ST-K

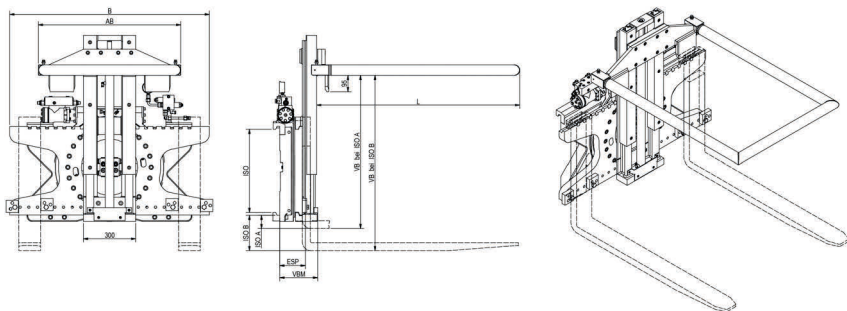
DURWEN
Forklift Attachments

More than 75 years experience

360° rotator hydraulic claws

DG-BK

The **rotator DG-BK** has a bolt-on stabilizing arm and claws to fix a box (container) on the forks. This is a suitable solution whenever the box needs to be rotated 180° for emptying bulk material. The arm and the claws are hydraulically driven and secure the box onto the forks.



type	capacity kg/mm LC	lift truck capacity to	ISO	arm AB x L mm	B mm	max. torque ΔP 130 bar Nm	VB ISO A mm	VB ISO B mm	VBM LLC mm	ESP COG mm	weight kg
DG 20-BK	2000/500	2,0/500	II	820 x 1200	980	5200	650-1350	726-1426	206	145	415
DG 25-BK	2500/600	2,5/600	II	820 x 1200	1080	9400	650-1350	726-1426	209	135	430
DG 30-BK	3000/500	3,0/500	III	820 x 1200	1150	9400	650-1350	777-1477	219	136	480
DG 35-BK	3500/500	3,5/500	III	820 x 1200	1150	11700	650-1350	777-1477	224	141	495

- 2 hydraulic functions required
- includes hoses and couplings
- forks not included

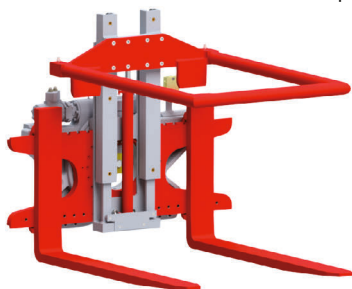
- quick release hooks: (ISO II, III,) upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)
- hook-on forks reinforced for rotator use must be used

type	capacity kg/mm LC	lift truck capacity to	ISO	arm AB x L mm	B mm	max. torque ΔP 130 bar Nm	VB ISO A mm	VB ISO B mm	sideshift mm	VBM LLC mm	ESP COG mm	weight kg
DG 20-S-BK	2000/500	2,0/500	II	820 x 1200	980	5200	650-1350	726-1426	+/- 100	256	180	462
DG 25-S-BK	2500/600	2,5/600	II	820 x 1200	1080	9400	650-1350	726-1426	+/- 100	238	160	475
DG 30-S-BK	3000/500	3,0/500	III	820 x 1200	1150	9400	650-1350	777-1477	+/- 100	264	165	545
DG 35-S-BK	3500/500	3,5/500	III	820 x 1200	1150	11700	650-1350	777-1477	+/- 100	269	170	560

- 3 hydraulic functions required
- includes hoses and couplings

- hook-on forks reinforced for rotator use must be used
- quick release hooks: (ISO II, III,) upon request
- solenoid valve upon request (12 V, 24 V, 48 V, 80 V - please specify)

- forks not included
- for special arm sizes, please ask



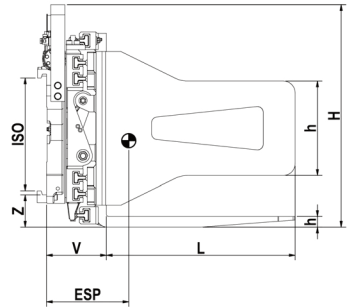
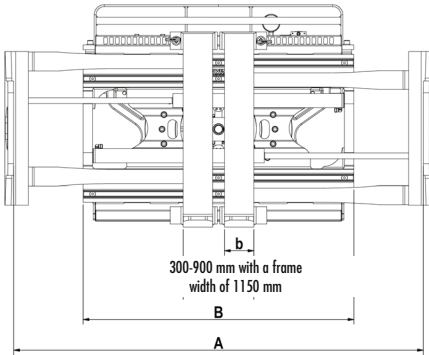
DURWEN
Forklift Attachments

More than 75 years experience

Container discharger 360°

DGE

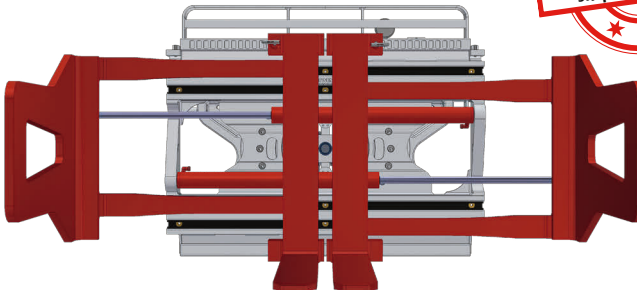
The rotating container discharger DGE rotates 360° and is developed for emptying containers and vessels. The load is picked up with the forks and supported at the sides by the clamping arms. To protect the containers, the attachment is equipped as standard with a pressure relief valve and pressure gauge. Fork positioning is manual. The Durwen direct drive rotator uses a worm wheel system protected against the ingress of dirt and will give a long service life. The unit is not designed for bale handling.



type	capacity kg/mm LC	lift truck to LC mm	ISO	B mm	opening range A IT1 mm	forks b x h x L mm	arms L x h mm	Z mm	V LLC mm	ESP COG mm	weight kg
DGE 20	1500/500	1,0-2,0/500	II	1050 1150	480-1640 480-1740	100x40x800	800x400	136	246	219 217	740 755
DGE 25	2000/500	2,0-2,5/600	II	1050 1150	480-1640 480-1740	125x45x800			255	305 305	845 860
DGE 30	2500/500	3,0/500	III	1050 1150	480-1640 480-1740	125x45x800			255	315 305	850 865

- 2 hydraulic functions required
(3 hydraulic functions with constant sideshift)
- includes hoses and couplings
- including pressure relief valve and pressure gauge
- safety valve as standard

- standard with protection strip type SB-DG (does not rotate)
- constant sideshift see page 240
- longer arms and forks upon request, max. length 1200 mm, data change, please ask
- rubber coated arms upon request



DURWEN
Forklift Attachments

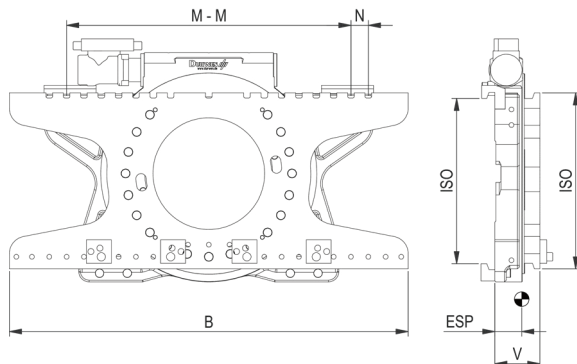
More than 75 years experience

360° rotator

Fishing industry version

DG-F

The **Rotator DG-F** has a cast steel frame enabling a compact design. The worm gear has several teeth meshing at one time thus helping to increase the service life of the attachment. A seal fitted as standard protects the rotator against the ingress of dirt and dust. This version includes multi layer surface protection, hot dip galvanized parts, sealed bolts, external lubricant access and is therefore perfectly suited for the fishing and port industries.

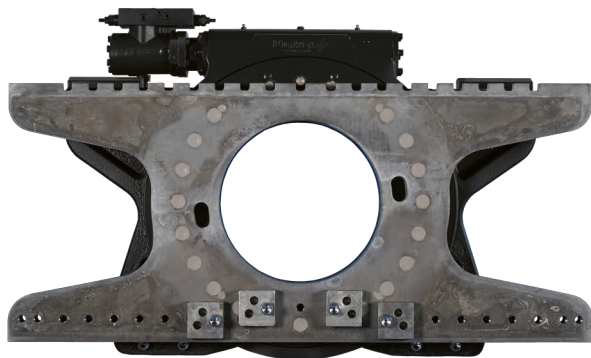


type	capacity kg/mm LC	lift truck capacity to	ISO	width B mm	max. torque ΔP 100 bar Nm	centre distance M - M mm	N mm	V LLC mm	ESP COG mm	weight kg
DG 16-F	1600/500	1,5-1,8/500	II	880	4000	260-660	50	117	51	217
DG 20-F	2000/500	2,0/500	II	980	4000	260-760	50	117	52	223
DG 25-F	2500/600	2,5/600	II	1080	7300	260-860	50	120	53	285
DG 30-F	3000/500	3,0/500	III	1150	7300	320-920	50	130	61	335
DG 35-F	3500/500	3,0/600-3,5/500	III	1150	11700	320-920	50	135	65	350

- 1 hydraulic function required
- includes hoses and couplings

- safety valve as standard
- forks not included

- hook-on forks reinforced for rotator use must be used
- sideshift upon request only
- colour dark grey



DURWEN 
Forklift Attachments

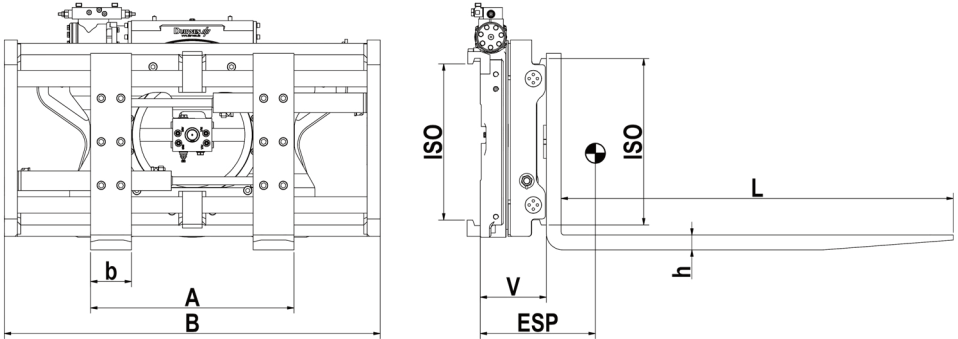
More than 75 years experience

DZVW-GF 360°

Fishing industry version

DZVW-GF

The revolving fork positioner **DZVW-GF** rotates through 360° and has bolt-on forks. The unit's strong construction with round bar technology guarantees a long service life. The rotator unit has a strong direct drive transmission and is proven in heavy-duty applications. Specification fishery industry version: sea water resistant paint, selected hot dip galvanized frame parts, external lubricant access for main slew bearing, sealed bolts where possible, stainless guides and partial stainless cylinders.



type	lift truck capacity to	ISO	capacity kg/mm LC	B mm	A mm	forks b x h x l mm	V LLC mm	ESP COG mm	weight kg
DZVW 20-GF	2	II	1800/500	1150	300-1030	100x45x1200	203	191	537
DZVW 25-GF	2,5	II	2200/500		320-1050	120x40x1200		197	545
DZVW 30-GF	3,0/500	III	2500/500		325-1055	125x45x1200		214	572
DZVW 35-GF	3,5/500	III	3000/500		325-1055	125x45x1200		217	577

- 2 hydraulic functions required
- includes bolt-on forks
- Colour dark grey
- not designed for the use with inverted forks. Suitable solutions upon request.
- ISO 2328 form A



DURWEN 
Forklift Attachments

More than 75 years experience

Fishing industry version

Fishing

Fork clamps PGK (integral sideshift) PGK-S (constant sideshift)		
type	width B mm	remarks*
PGK		
PGK 15-25	up to 1150	• frame, sideshift rail, protection strip and arm carriers galvanized • cylinder and forks in seawater-resistant paint RAL 7021 • fork blade and fork back with VA-coating • galvanized bolts and hooks • seawater-resistant piston rods and locking nuts • bolts sealed with silicone
PGK 30-35	up to 1350	
PGK 40-48	up to 1550	
PGK 50-60	up to 1750	
PGK 80-100	up to 2000	
PGK-S		
PGK 15-25-S	up to 1150	• frame, sideshift rail, protection strip and arm carriers galvanized • cylinder and forks in seawater-resistant paint RAL 7021 • fork blade and fork back with VA-coating • galvanized bolts and hooks • seawater-resistant piston rods and locking nuts • bolts sealed with silicone
PGK 30-35-S	up to 1350	
PGK 40-48-S	up to 1550	
PGK 50-60-S	up to 1750	
PGK 80-100-S	up to 2000	

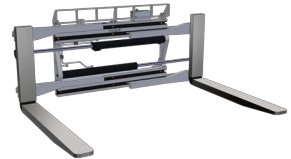


image shows type PGK-F

Revolving fork clamp DUZ (without sideshift) DUZ-S (constant sideshift)		
type	width B mm	remarks*
DUZ		
DUZ 15-25	up to 1150	• frame, sideshift rail, protection strip and arm carriers galvanized • rotator, cylinder and forks in seawater-resistant paint RAL 7021 • fork blade and fork back with VA-coating • galvanized bolts and hooks • seawater-resistant piston rods and locking nuts • bolts sealed with silicone
DUZ 30-35	up to 1350	
PGK 40-48	up to 1550	
DUZ 50-60	up to 1750	
DUZ 80-100	up to 2000	
DUZ-S		
DUZ 15-25-S	up to 1150	• frame, sideshift rail, protection strip and arm carriers galvanized • rotator, cylinder and forks in seawater-resistant paint RAL 7021 • fork blade and fork back with VA-coating • galvanized bolts and hooks • seawater-resistant piston rods and locking nuts • bolts sealed with silicone
DUZ 30-35-S	up to 1350	
DUZ 40-48-S	up to 1550	
DUZ 50-60-S	up to 1750	
DUZ 80-100-S	up to 2000	

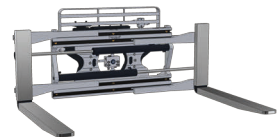


image shows type DUZ-F

* Technical data may change for fishing industry version (e.g. capacity reduction), please enquire.

Rotators		
type	remarks*	level
DG/ DG-S	motor protection plate against mechanical damage	A
DG	motor protection plate against mechanical damage, internal protection tube, heat protection plate, heat-resistant hoses, open rotators eye for good visibility	B
DG-S		
DG	motor protection plate against mechanical damage, rotator closed in the middle, heat protection plate, heat-resistant hoses	C
DG-S		

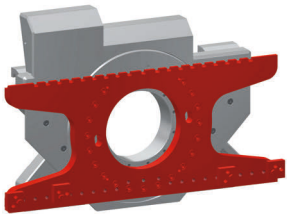


image shows type DG level B

fork clamps		
type	remarks*	level
PGK/ PGK-S	cylinder protection against mechanical damage	A
PGK/ PGK-S	cylinder protection against mechanical damage, brass bearings, heat-resistant hoses	B
PGK/ PGK-S	cylinder protection against mechanical damage, brass bearings, heat-resistant hoses, closed protection strip	C

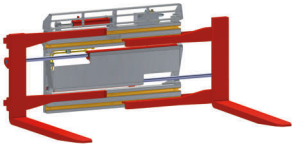


image shows type PGK-S level B

revolving fork clamps		
type	remarks*	level
DUZ/ DUZ-S	cylinder protection against mechanical damage, motor guard plate and valve protection	A
DUZ/ DUZ-S	cylinder protection against mechanical damage, brass bearings, heat-resistant hoses, motor protection plate and valve protection	B
DUZ/ DUZ-S	cylinder protection against mechanical damage, brass bearings, heat-resistant hoses, heat shield and valve protection	C

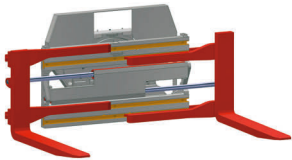


image shows type DUZ level B

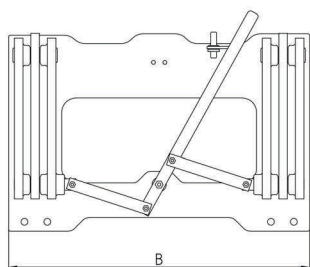
* data change, please ask

Quick-change system

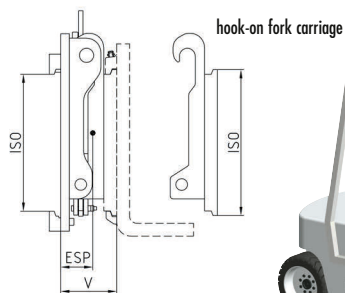
SWV
ISO II/III

manual operation

With the Durwen **quick-change unit SWV**, attachments can be changed quickly and without the use of tools. This device is suitable when the truck is used for a wide range of applications and several attachments are needed. The lower locking mechanism is manually operated as standard. The fork carriage is hooked into the upper mounting of the base frame.



base frame with
manual lock mechanism



base frame with hook-on
fork carriage installed



quick change unit, hook-on base frame

type	capacity kg LC mm	lift truck to LC mm	ISO	B mm	ESP COG mm	weight kg
SWV 25	2500/600	2500/600	II	1050	30	105
SWV 35	3500/600	3500/600	III	1050	32	175
SWV 45	5000/600	5000/600	III	1050	38	180
SWV 100	8000/900	8000/900	IV	1100	50	300

single hook-on fork carriage, for additional ISO forks or attachment

type	ISO	B mm	weight kg
fork carriage for SWV 25	II	1050	65
fork carriage for SWV 35	III	1150	123
fork carriage for SWV 45	III	1350	150
fork carriage for SWV 100	IV	1800	350

● hooks can be welded directly on some Durwen attachments for reduced lost load center and higher residual capacity. for SWV 25, SWV 35, SWV 45, SWV 100 upon request, no add-on price for integral attachments - choose from this catalogue.

Option available for: PGK, PBK, PZK, USK, UKK (all), ZVP, RZV, PZV, RZV-TGZ, ZVP-TGZ

technical data quick change unit (base frame) incl. fork
carriage with hooks

type	V LLC mm	ESP COG mm	weight kg
SWV 25 + fork carriage	140	62	170
SWV 35 + fork carriage	195	85	298
SWV 45 + fork carriage	205	95	330
SWV 100 + fork carriage	272	150	650

constant sideshift upon request (requires one additional hydraulic function)	extra weight kg	extra thickness mm
constant sideshift ISO II	+20 kg	+17 mm
constant sideshift ISO III	+25 kg	+17 mm
constant sideshift ISO IV	+85 kg	+23 mm

- hydraulic locking upon request
- parking devices for attachments upon request
- integral version upon request
- multiple quick coupling upon request

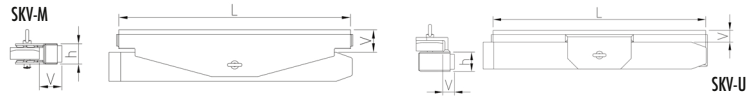
DURWEN 
Forklift Attachments

More than 75 years experience

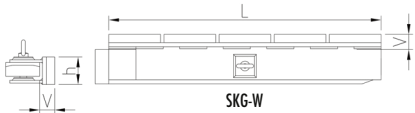
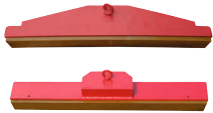
Slip-on arms for clamps

for PGK, PGK-S, DUZ, DUZ-S, UVP-S

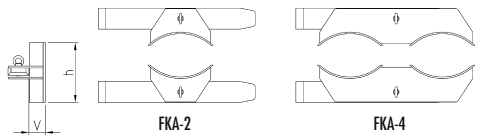
Slip-on arms are the ideal solution for Durwen fork clamps. They enable handling drums, bales, building material, concrete pipes etc. more efficiently.



stone slip-on arms with vulkolan strip, exchangeable					
type	length L mm	h mm	remarks	V LLC	G kg
SKV-M	1000	90	vulkolan strip in the middle, inserted laterally, the shoe is at the same height as the forks	90	88
SKV-U			vulkolan strip at the bottom, the shoe is below the forks	60	92

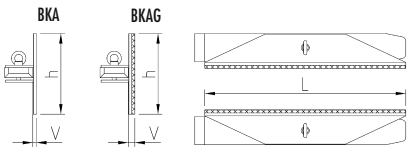


stone slip-on arms with with rubber plates, exchangeable					
type	length L mm	h mm	remarks	V LLC mm	G kg
SKG-W	1000	100	rubber plates in the middle, bolt-on horizontally, the shoe is at the same height as the forks	60	70
SKG-S		190	rubber plates in the middle, vertically bolt-on, the shoe is at the same height as the forks		86



slip-on arms for drums (for safe transport of drums)				
type	h mm	remarks	V LLC mm	G kg
FKA-2	200	1-2 drums (please specify drum diameter)	130	26
FKA-4		2-4 drums (please specify drum diameter)		76

Rubber coating type FKA-2, type FKA-4, upon request



slip-on arms for bales					
type	length L mm	h mm	remarks	V LLC mm	G kg
BKA	800	400	centered on the forks, the shoe is at the same height as the forks	30	100
BKAG			same as type BKA, incl. rubber coating on the inside	40	108

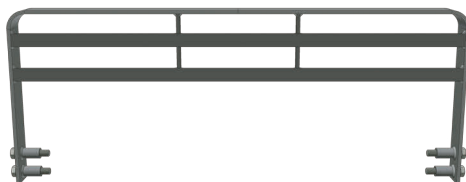
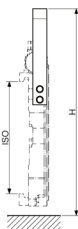
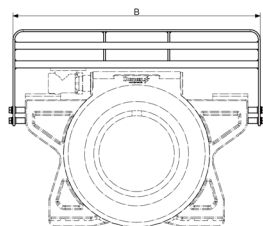


image shows FKA-2 with rubber coating

image shows BKAG

Protection strip/ Foundry version

SB-DG



Protection strip for DG (P. 227), DG-S (P.1 228)

type	ISO	width B mm	height* H mm	weight kg	included on the following attachments	option available for**
SB-DG 25	II	1000	795	11	DUZ 15, DUZ 15-S, DDGK 20, DPBK 20, DGE 20, DZVW 16-G/GS	DG/DG-S 16, DG/DG-S 20
		1050	880	12	DUZ 25, DUZ 25-S, DDGK 25, DPBK 25, PWK 25, DGE 25, DZVW 25-G/GS	DG/DG-S 25
SB-DG 45	III	1050	880	12	DUZ 30, DUZ 35, DUZ 30-S, DUZ 35-S, DDGK 30, DPBK 30, PWK 30, PWK 35, DGE 30, DZVW 30-G, DZVW 35-G/GS	DG/DG-S 30, DG/DG-S 35
		1275	1000	17	DUZ 40, DUZ 45, DUZ 48, DUZ 40-S, DUZ 45-S, DUZ 48-S, DPBK 35, DPBK 40, DPBK 45, PWK 45, DZVW 45-G/GS	DG/DG-S 45
SB-DG 100	IV	1275	1045	17	DUZ 50, DUZ 50-S, DPBK 50, DZVW 50-G/GS	DG/DG-S 50
		1310	1185	26	DUZ 60, DUZ 80, DUZ 60-S, DUZ 80-S, DPBK 80, DZVW 60-G, DZVW 80-G/GS	DG/DG-S 60, DG/DG-S 80
		1310	1170	26	DUZ 100, DUZ 100-S, DPBK 100	DG/DG-S 100, DG/DG-S 120

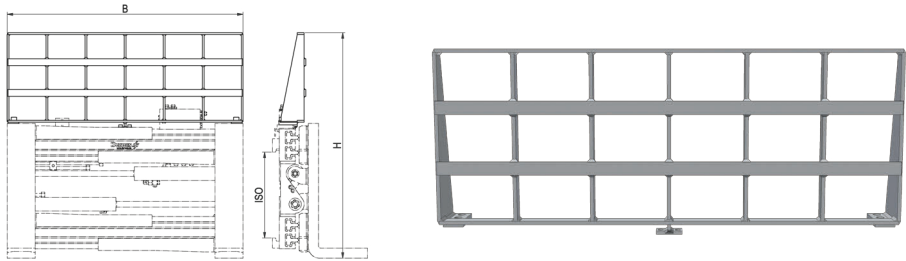
- protection strip is mounted to the rotators body, therefore it is not rotating
- other widths upon request

* with ISO 2328 A

** data change, please ask

Load backrest

LS-K



Load backrest for clamps and fork positioners based on clamp design for PGK-S (P. 31-32), PGK (P. 33-34), DGK (P. 44), DGK-S (P. 45), USK (P. 48), UKK (P. 62-64), ZVP-S (P. 99-101), ZVP (P. 102-103), ZVP-AS (P. 104), ZVP-A (P. 105), ZVP for reach trucks (P. 106-107)

type	ISO	B mm	height* H mm
LS-K 25	II	720-1100 1110-1350	1000
LS-K 45	III	980-1150 1160-1350 1360-1550 1560-1750	1200
LS-K 80	IV	1350-1800 1810-2400	1500

● other widths upon request

* with ISO 2328 A

Load backrest for bale clamps for PBK (P. 50-51), PZK (P. 54-55), PBK-CR (P. 53)

type	ISO	width B mm	height** H mm
LS-K 25	II	720-1100 1110-1350	1000
LS-K 45	III	980-1150 1160-1350 1360-1550 1560-1750	1200
LS-K 80	IV	1350-1800 1810-2400	1400

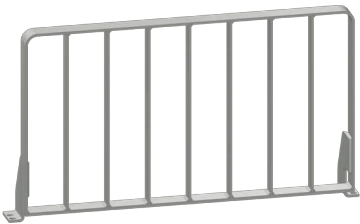
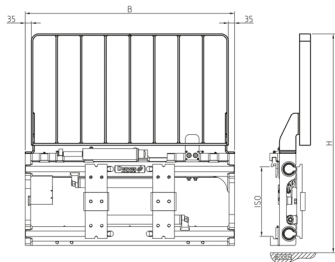
● other widths upon request

● LS-K 25 for bale clamps max height 1200 mm, higher upon request only

* with ISO 2328 A

Load backrest

LS-RP



Load backrest for fork positioner for ZVW (P. 109-111), ZVW-S, (P. 112-114), ZVW-G (P. 115-117), ZVW-GS (P. 118-120), ZVW-I (P. 123-125), ZVW-IG (P. 126-128), RZV-S (P. 132-134), RZV (P. 135-137), RZV-GS (P. 138-140), RZV-G (P. 141-143), RZV, RZV-G for reach trucks (P. 144-145), RZV-I (P. 146-147), RZV-IG (P. 148-150), PZV-S, (P. 153-154), PZV (P. 155-156), PZV-GS (P. 157-158), PZV-G (P. 159-160), PZV-SI (P. 161-162), PZV-I (P.163-164), PZV-GSI (P. 165-167), PZV-IG (P. 168-170), PZV-GC (P. 171)

type	ISO	width B mm	height* H mm
LS-RP 25	II	750-1100 1110-1350	1000**
LS-RP 45	III	1040-1150 1160-1350 1360-1550 1560-1750	1200**
LS-RP 80	IV	1350-1800 1810-2400	1500***

● other widths upon request *with ISO 2328 A ** higher than 1400 mm upon request *** higher than 1800 mm upon request

Bolt-on protection strip for all ZVW, RZV, PZV models

ISO	height h mm
II/III	125
IV	120

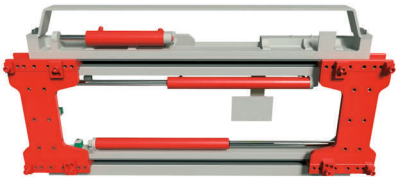


Image shows PZV-S with protection strip

Option constant sideshift for revolving units for DPBK (P. 52), DDGK (P. 43), PWK (P. 46), DGE (P. 231)

options	extra weight	extra thickness	remarks
solenoid valve (conventional)	—	—	indicate voltage
constant sideshift ISO II	35 kg	45 mm	+/- 100 mm, 3rd function
constant sideshift ISO III	50 kg	45 mm	+/- 100 mm, 3rd function
constant sideshift ISO IV	210 kg	73 mm	+/- 100 mm, 3rd function

Force options

Durwen **pressure relief valves** are used to adjust the desired clamping force. They are mostly used on appliance clamps or paper roll clamps. They are solenoid powered and require electric power.

Pressure relief valve with LED display

part-No.:	description	function	remarks
367045	pressure relief valve 2 steps electrically operated	pressure relief valve for 1 additional pressure	- incl. pressure relief valve - incl. selector switch with LED display and junction box - incl. valve plug with cable
367031	pressure relief valve 3 steps electrically operated	pressure relief valve for 2 additional pressures	
367048	pressure relief valve 4 steps electrically operated	pressure relief valve for 3 additional pressures	

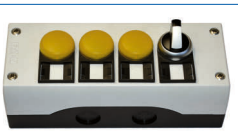
Pressure relief valve with light tower

part-No.:	description	function	remarks
367044	pressure relief valve 2 steps electrically operated	pressure relief valve for 1 additional pressure	- incl. pressure relief valve - incl. selector switch and junction box - incl. light tower with light elements and angled base - incl. valve plug with cable
367042	pressure relief valve 3 steps electrically operated	pressure relief valve for 2 additional pressures	
367047	pressure relief valve 4 steps electrically operated	pressure relief valve for 3 additional pressures	

Pressure relief valve with LED display and light tower

part-No.:	description	function	remarks
367046	pressure relief valve 2 steps electrically operated	pressure relief valve for 1 additional pressure	- incl. pressure relief valve - incl. light tower with light elements and angled base - incl. selector switch with LED display and junction box - incl. valve plug with cable
367043	pressure relief valve 3 steps electrically operated	pressure relief valve for 2 additional pressures	
367049	pressure relief valve 4 steps electrically operated	pressure relief valve for 3 additional pressures	

● Please indicate voltage

			
2 stage pressure relief valve	selector switch with LED display	selector switch	light tower with 3 light elements
			
junction box	valve plug with cable		

Electrical mounting kits

The Durwen **electrical mounting kits** are used to supply power to the solenoid valve on the attachment. For a complete mounting set you always need module 1: switch set, module 2: cable set (optionally 2a, 2b or 2c) and module 3: connection cable. The bundles on the next page allow you to choose complete mounting sets.

Module 1: Switch set

part-no.:	picture	remarks
1840061		Switch set with cable from inside cabin to mast transfer point on forklift side

Module 2a: Cable set with deflection roller

part-no.:	picture	remarks
1840062		Cable with return pulley from transfer point mast on forklift side via mast to transfer point on attachment side, up to 9000 mm

Module 2b: Cable set with spiral cable

part-no.:	picture	remarks
1840086		Spiral cable from transfer point mast on forklift side via mast to transfer point on attachment side up to 9000 mm

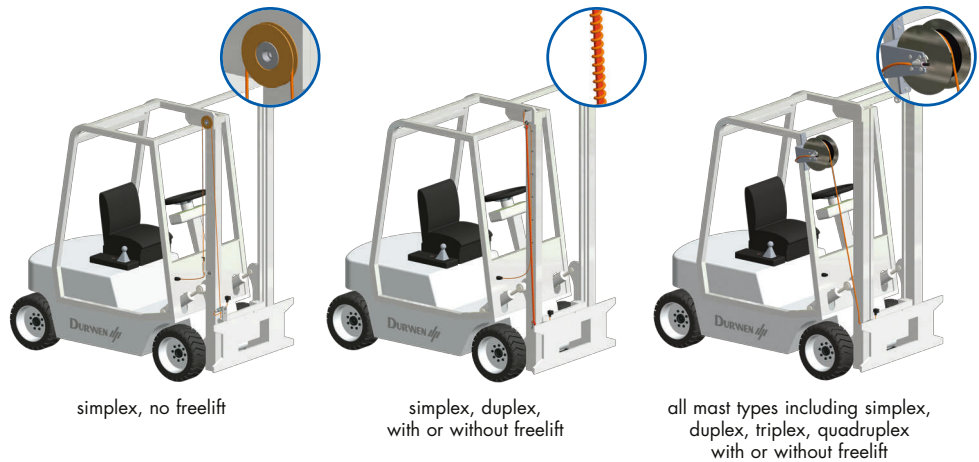
Module 2c: Cable set with electric spring cable drum including holder

part-no.:	picture	remarks
1840068		Electric cable reel with cable from transfer point mast on forklift side, via mast to transfer point on attachment side, up to 7000 mm
1840069		Electric cable reel with cable from transfer point mast on forklift side, via mast to transfer point on attachment side, up to 12000 mm

Module 3: Connection cable

part-no.:	picture	remarks
1840063		Connection cable between transfer point fork carriage side to solenoid valve on the attachment

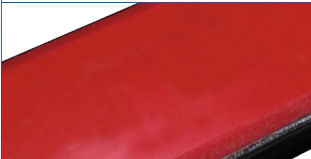
Electrical mounting kits



Bundles

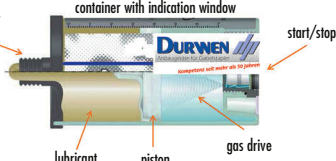
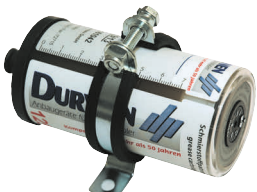
bundle-no.:	part-no.:	picture
1	1840064	consisting of module 1, 2a, 3
2	1840065	consisting of module 1, 2b, 3
3	1840066	consisting of module 1, 2c, 3 (up to 7000 mm)
4	1840067	consisting of module 1, 2c, 3 (up to 12000 mm)

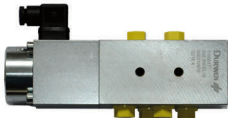
Fork coatings

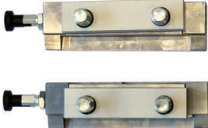
	surface	description
	red smooth hardness 85° shore	• Polyurethane • 5 mm thickness • peeling protection • wear resistance • friction
	red profiled hardness 85° shore	• Polyurethane • 7 mm thickness • peeling protection • wear resistance • friction
	blue smooth hardness 85° shore	• Polyurethane • 5 mm thickness / FDA-certified** • food-safe • peeling protection • wear resistance • friction
	yellow profiled hardness 75° shore	• Polyurethane • 7 mm thickness • peeling protection • wear resistance • friction coefficient
	black rubber GripFix hardness 65° shore	• 8 mm thickness • anti-slip performance in wet conditions • peeling protection • wear resistance • friction coefficient
	white rubber GripFix hardness 65° shore	• 6 mm thickness • food-safe • anti-slip performance in wet conditions • peeling protection • wear resistance • friction coefficient
	orange PU spray coating hardness 85° shore	• for all-round coatings and complex surface geometry • from 2 mm thickness • peeling protection • wear resistance • friction coefficient

- prevent slipping of load
- protect transport goods
- reduce noise
- protect surfaces

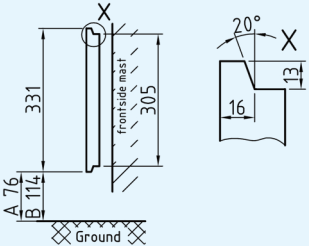
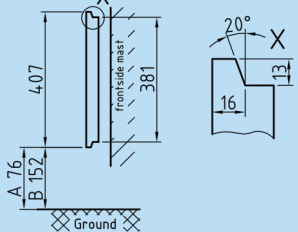
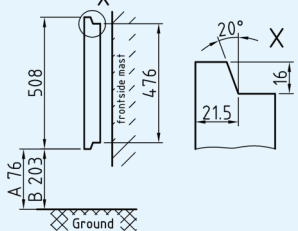
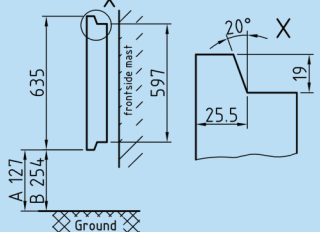
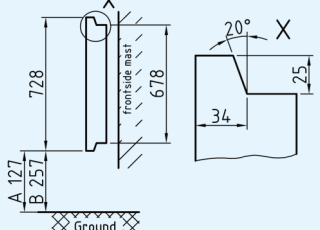
Accessories

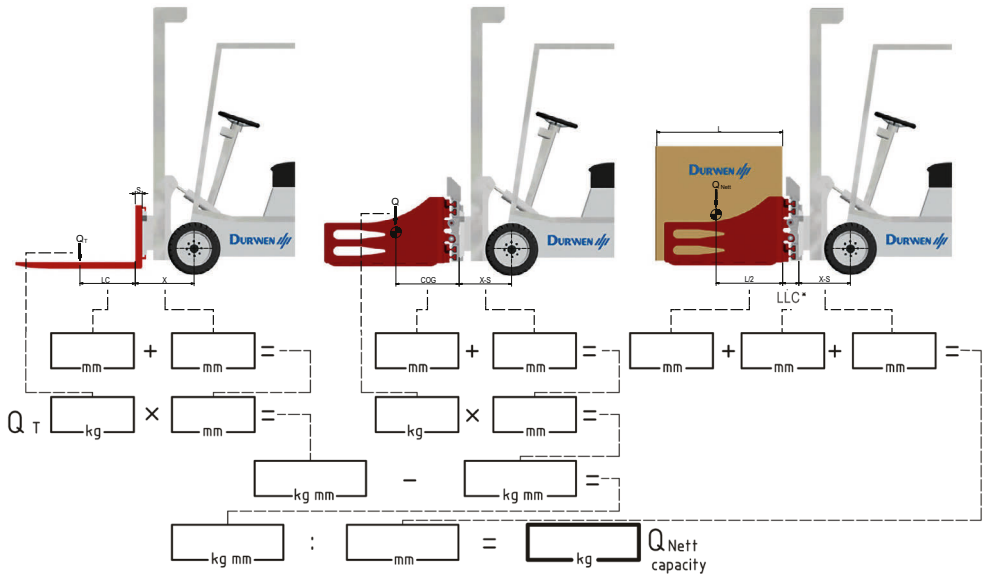
automatic lubrication / auto lube system					
					
1: lubricant 2: piston 3: gas drive	hose connection to access point	adjustable drive unit, from stop to 12 months	easy to adjust and to check	ecological : container can be refilled!	
connection for supply to lubrication point   With a band clamp the container is fixed securely on the attachment  Drive adjustable from 1-12 months with stop and go option					
 for sideshift top and bottom (4 units) DPK 16-30 upon request for sideshift top (2 units) DPK 35-80/DRPK/SPK upon request					

conventional 6/2 solenoid valve 12, 24, 48 or 80 Volt, indicate voltage	2 hoses with couplings, 1 set (length 650/800/1000)	pressure gauge 0-400 bar
		

lower quick release hooks ISO II	lower quick release hooks ISO III	lower quick release hooks ISO IV
		

pressure relief valve 30-150 bar	3 stage pressure relief valve, pressure set manually
	

ISO	max. capacity kg	mounting A/B
I	0-999	
II	1.000-2.500	
III	2.501-4.999	
IV	5.000-8.000	
V	8.001-9.999	



* Please add for attachments with forks the fork thickness

Formulas or our online capacity calculation tool can give you a good idea of how the capacity of the forklift truck will be affected due to the attachment combined.

The formula and the online tool does not consider different forklift truck configurations or sideshift or lift heights and provides you with estimate data only. Please make sure you are combining the correct ISO classes and follow the max. forklift truck combination according to Durwen product information in the catalogue or web site.

We take no liability for printing errors or typos or human errors. Technical changes can be done by Durwen anytime. Figures are indicative only. All electronic copy must be allowed by ourselves prior to publishing.

A legally binding capacity determination or proof of tilt stability can only be done by the lift truck supplier who has the responsibility for the forklift truck and attachment combined.

When looking for an offer or further support by Durwen simply send in your calculation as PDF file to Durwen or to the Durwen dealer in your country.



Use our online calculator!

Simply scan the QR code, or find it at the following URL:

<https://www.durwen.de/en/info-portal/capacity-calculation>

Information about this Durwen product range and price list

General information:

With release of this new price list validity of all present price lists will expire.

Business cases are subject to the general terms and conditions of Durwen Maschinenbau GmbH. Our general terms and conditions of sale can be requested at Durwen or downloaded from our web site www.durwen.de.

Purchase orders

For ISO mounted attachments please indicate type of fork lift truck, size of fork carriage, width of fork carriage as well as kind of hydraulic coupling. For fork mounted attachments indicate cross section and length of forks. For integral attachments the original forklift truck carriage has to be supplied FOC to Durwen factory for overtaking the brackets on the attachment. Alternatively stub shafts and chain anchors and original forklift truck carriage drawings have to be supplied FOC to Durwen.

For spare part orders indicate type of attachment as well as serial number mentioned on the name plate. The serial number is stamped into the frame also.

Indicated dimensions, weights, load capacity, technical specifications and illustrations are without any commitment. We take no liability for printing mistakes and errors. Opening ranges of fork clamps measured near to the clamp frame without consideration of toe in. Constructions are subject to change without prior notice. Indicated load capacities are referring to the attachment and are appropriate to common forklift truck sizes. Despite that the residual capacity of the forklift truck and the attachment combined needs to be checked, respecting that in each case the lowest capacity value is binding.

Durwen attachments are corresponding to machinery directive 2006/42/EG and will be identified with CE-markings.

Prices mentioned in this catalogue are to be understood as gross prices in Euro.

Prices do not include taxes.

Prices are based Incoterms 2000: EXW Plaidt

Packing expenses or insurance are not included.

All orders are subject to our general terms and conditions.

Colour of products decided by Durwen if not different agreed upon in writing.

Hydraulic connections metric (10 L, 10 S, 12 L, 12 S, 15 L, 15 S)

Connection hoses usually 800 mm (650 mm) long, 12 S, coupling female

Integral units feature metric hydraulic interface, sealed with a cap.

Solenoid valve means conventional solenoid valve. Solenoid valves must not be combined with clamp functions.

All dimensions given are in millimetre (mm), kilogramme (Kg), bar (bar) unless otherwise clearly indicated.

The lift truck column recommends a max. forklift truck with a forklift truck capacity that is according to the following load centres (LC): ISO 2328 class 2 and 3 LC = 500 mm, class 4 and 5 LC = 600 mm if not stated different.

The operating area and the load characteristics must be taken into consideration when choosing an attachment.

If in doubt, please consult Durwen or the local distributor.



CERTIFICATE

D-ZE-16083-01-00-ISO3834-2015.0362.004

DVS ZERT hereby certifies that the company

Durven Maschinenbau GmbH
August-Horch-Straße 5
56637 Plaidt
Germany

has furnished proof to fulfil
the quality requirements for welding according to
DIN EN ISO 3834-2:2006
in the extent mentioned on the reverse side.

validity: 22.12.2021 until 21.12.2024

Düsseldorf, 20.12.2021
Place and date of issue
B. Erp, Benitzien
Lead assessor


B. Erp, Benitzien
Head of certification body

DVS ZERT GmbH
Ancherer Straße 172 40223 Düsseldorf GERMANY



Certificate

Standard **ISO 9001:2015**

Certificate Registr. No. **01 100 001000**

Certificate Holder:



Durven Maschinenbau GmbH
August-Horch-Str. 5
56637 Plaidt
Germany

including the locations according to annex

Scope:

Development, production, distribution, service and
rental of lift truck attachments

Proof has been furnished by means of an audit that the
requirements of ISO 9001:2015 are met.

Validity:

The certificate is valid from 2021-09-02 until 2024-08-31.
First certification 2000

2021-09-14



TÜV Rheinland Cert GmbH
Am Grauen Stein · 51105 Köln



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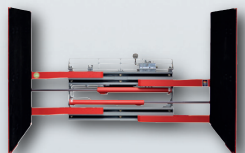
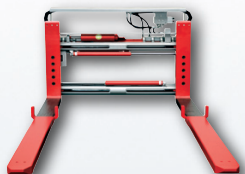
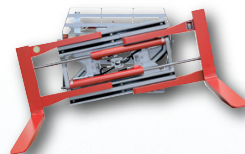
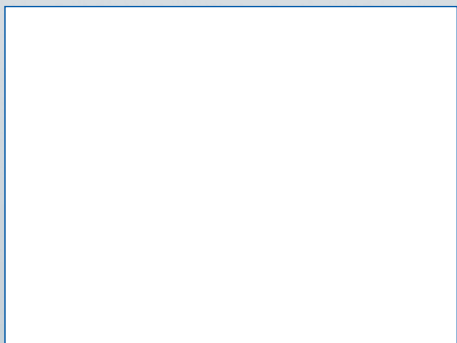
Factory I, Plaidt



Factory II, Mayen



your partner



01-2024