

S11

FORK POSITIONERS ZVKG

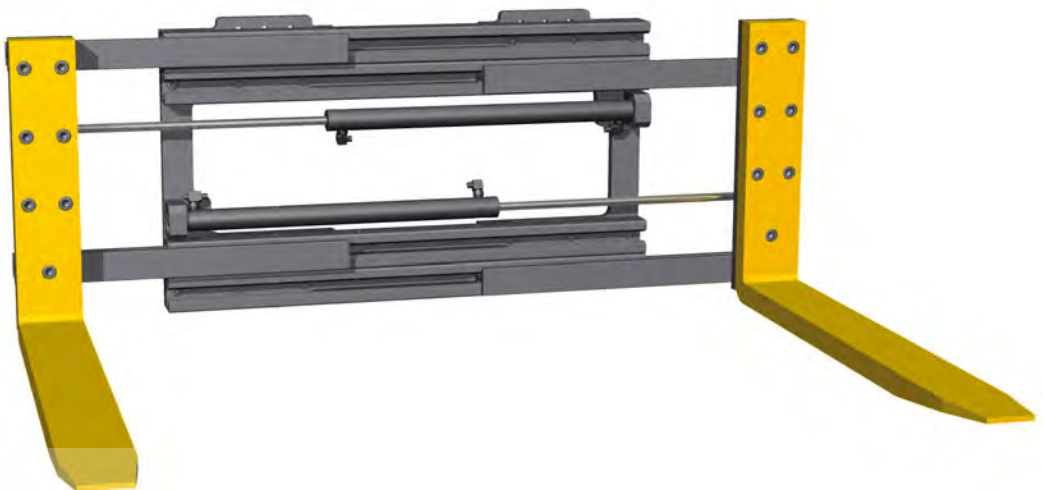
Fork positioners enable hydraulic positioning of forks. These attachments are used in particular for frequently changing load widths.

Due to the sturdy frame construction, the heavy-duty version is even suited for the toughest applications. A great deal of spreading stress can be absorbed due to the double-shaft guide and the bolt-on forks. When handling round goods, we recommend chamfering the inner and outer edges of the forks in order to avoid damage to the goods. For the emptying of boxes, the attachment is available as a rotatable version.

If a wide opening range is required, hydraulic fork spreaders should be used. With hydraulic fork spreaders and a frame width corresponding to the vehicle, the opening range of the forks can be adjusted beyond the width of the vehicle. Loads cannot be clamped with this attachment. Both attachments can be equipped with telescopic forks, which are serially provided as bolt-on forks.

Fork positioners can be equipped with a separate sideshifter or a sideshift valve. With the integral version, the attachment and not the fork carrier is mounted directly into the mast. This keeps the loss in load capacity to a minimum and enhances driver visibility.

Fork positioners ZVP/ZVPV allow mounting the truck's forks. Due to the profile guide, the opening range of the forks can be adjusted in accordance with the width of the attachment.



Fork Positioners (Heavy-duty)



Model S 11 - ZV

- Frame construction
- Double-shaft guided
- Forks adjustable to any position inside the frame
- Forks serially bolted on

from page 74

Fork Positioners, Rotatable

S11



Model S 11 - ZV-360°

- Rotation range 360°
- Frame construction
- Double-shaft guided
- Forks adjustable to any position inside the frame
- Forks serially bolted on

from page 80

Fork Positioners, Profile-Guided



Model S 11 - ZVP/ZVPV

- Profile-guided
- Forks can be hooked on
- ZVP for ISO classes 2 and 3 with forced hydraulic synchronism (not for version -SV)
- ZVPV for ISO class 4
- Forks adjustable to any position inside the frame

from page 82

Fork Positioners with Large Opening Range



Model S 11 - ZVKG

- Profile-guided
 - Opening range of the forks beyond the attachment width
 - Forks serially welded on
- from page 106

Fork Positioners for Reach Trucks



Model S 11 - ZVKGS/ZVPS

- Profile-guided
 - Opening range beyond the attachment width (ZVKGS) – opening range within the attachment contours (ZVPS)
 - Various designs for reach trucks
 - With/without forks/telescopic forks
- from page 108

Fork Positioners with Telescopic Forks



Model S 11 - ZV-TGH

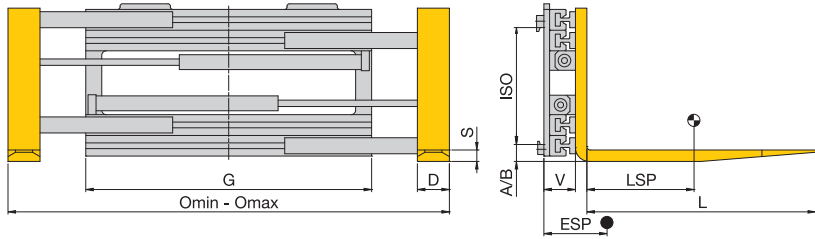
- Bolt-on telescopic forks serially
- ZV-TGH shaft-guided – Forks adjustable to any position inside the frame
- ZVPV/ZVPV-TGH profile-guided – opening range corresponding to attachment width
- ZVKG-TGH profile-guided – opening range of forks beyond the attachment width

from page 111

Fork Positioners ZVKG-Series

1 hydraulic function

In order to keep maintenance costs low, we recommend using bolt-on forks.



Large opening range · Forks serially welded on

Model	Load capacity	LC (LSP)	ISO	Omin - Omax	G	D	S	L	V	CoG (ESP)	Weight	Price	Surcharge per 100 mm add. fork length	Surcharge per 100 mm add. opening range
	kg	mm		mm	mm	mm	mm	mm	mm	mm				
S 11 - ZVKG 18	1800	500	2	560-1640	950	120	40	1200	130	205	355			
S 11 - ZVKG 25	2500	500	2	560-1740	1050	125	45	1200	130	215	395			
S 11 - ZVKG 25/600	2500	600	2	560-1740	1050	125	45	1200	130	210	415			
S 11 - ZVKG 30	3000	500	3	560-1840	1150	140	50	1200	130	230	455			
S 11 - ZVKG 40	4000	500	3	560-1940	1250	140	50	1200	140	205	540			
S 11 - ZVKG 45	4500	600	3	560-2040	1350	150	60	1200	140	225	610			
S 11 - ZVKG 48	5000	600	3	560-2040	1350	150	60	1200	140	220	630			
S 11 - ZVKG 50	5000	600	4	560-2140	1450	150	60	1200	155	210	745			
S 11 - ZVKG 60	6000	600	4	560-2280	1600	150	65	1200	155	210	790			
S 11 - ZVKG 70	7000	600	4	560-2410	1750	150	70	1200	155	215	835			
S 11 - ZVKG 80	8000	600	4	560-2410	1750	200	70	1200	170	210	1155			
S 11 - ZVKG 80/900	8000	900	4	560-2650	2000	200	70	1200	170	210	1235			
S 11 - ZVKG 100	10000	600	4	560-2650	2000	200	70	1200	170	210	1235			

- Not suited for clamping applications

- Surcharge for ISO 2 bolt-on forks
- Surcharge for ISO 3 bolt-on forks
- Surcharge for ISO 4 bolt-on forks

- Surcharge for integral design, see page 209

- Surcharge for sideshift valve, see page 209

Please note: No sideshifting when handling Euro pallets lengthwise.

- Version for reach trucks see page 108/109

Standard values for residual load capacity of lift trucks**

Fork Positioners	S 11 -	ZVKG 18	ZVKG 18	ZVKG 25	ZVKG 30	ZVKG 30	ZVKG 40	ZVKG 40	ZVKG 45	ZVKG 48/50	ZVKG 60	ZVKG 70	ZVKG 80	ZVKG 100
Load capacity lift truck	kg	1500	2000	2500	3000	3500	4000	4500	5000/500	5000	6000	7000	8000	10000
X*	mm	350	450	450	450	500	500	500	500	560	560	650	650	750
LC (LSP) = 500 mm	kg	1180	1650	2060	2460	2940	3320	3760	4180					
LC (LSP) = 600 mm	kg	1070	1510	1890	2250	2710	3050	3450	3840	4190	5030	6000	6640	8500
LC (LSP) = 700 mm	kg	980	1400	1740	2080	(2360)	2820	(3150)	3560	3890	4670	5600	6210	7980
LC (LSP) = 800 mm	kg	900	(1240)	1620	1930	(2060)	2630	(2750)	3310	3630	4370	5250	5820	7510

** The load capacity applies to lifting heights up to 3300 mm; specifications for greater lifting heights on request.

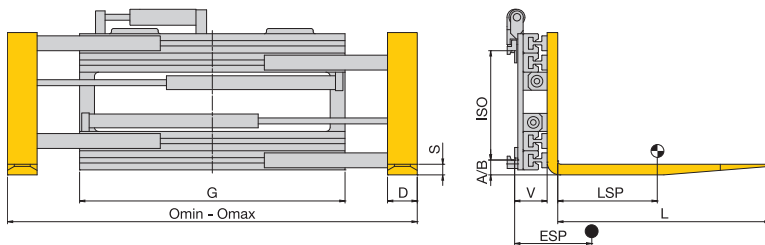
* Assumed dimensions

- For greater load centers, where the lift truck has a higher residual load capacity than the attachment, those values, upon the exceedance of which the attachment would be overloaded, are indicated in brackets ().

Fork Positioners ZVKG-Series with Separate Sideshift

2 hydraulic functions

In order to keep maintenance costs low, we recommend using bolt-on forks.



Large opening range · Forks serially welded on

Model	Load capacity	LC (LSP)	ISO	Omin-Omax	G	Side-shift	D	S	L	V	CoG (ESP)	Weight	Price	Surcharge per 100 mm add. fork length	Surcharge per 100 mm add. opening range
	kg														
S 11 - ZVKG 18-S	1800	500	2	560-1640	950	±100	120	40	1200	145	200	390			
S 11 - ZVKG 25-S	2500	500	2	560-1740	1050	±100	125	45	1200	145	215	430			
S 11 - ZVKG 25/600-S	2500	600	2	560-1740	1050	±100	125	45	1200	145	205	450			
S 11 - ZVKG 30-S	3000	500	3	560-1840	1150	±100	140	50	1200	145	225	500			
S 11 - ZVKG 40-S	4000	500	3	560-1940	1250	±100	140	50	1200	155	205	580			
S 11 - ZVKG 45-S	4500	600	3	560-2040	1350	±100	150	60	1200	155	230	650			
S 11 - ZVKG 48-S	5000	600	3	560-2040	1350	±100	150	60	1200	155	225	670			
S 11 - ZVKG 50-S	5000	600	4	560-2140	1450	±100	150	60	1200	170	210	805			
S 11 - ZVKG 60-S	6000	600	4	560-2280	1600	±150	150	65	1200	170	210	850			
S 11 - ZVKG 70-S	7000	600	4	560-2410	1750	±150	150	70	1200	175	215	920			
S 11 - ZVKG 80-S	8000	600	4	560-2410	1750	±150	200	70	1200	190	225	1235			
S 11 - ZVKG 80/900-S	8000	900	4	560-2650	2000	±150	200	70	1200	190	215	1315			
S 11 - ZVKG 100-S	10000	600	4	560-2650	2000	±150	200	70	1200	190	215	1315			

- Not suited for clamping applications

- Surcharge for ISO 2 bolt-on forks
- Surcharge for ISO 3 bolt-on forks
- Surcharge for ISO 4 bolt-on forks

- Surcharge for integral design, see page 209

- Version for reach trucks see page 108/109

Standard values for residual load capacity of lift trucks**

Fork Positioners	S 11 -	ZVKG 18-S	ZVKG 18-S	ZVKG 25-S	ZVKG 30-S	ZVKG 30-S	ZVKG 40-S	ZVKG 40-S	ZVKG 45-S	ZVKG 48/50-S	ZVKG 60-S	ZVKG 70-S	ZVKG 80-S	ZVKG 100-S
Load capacity lift truck	kg	1500	2000	2500	3000	3500	4000	4500	5000/500	5000	6000	7000	8000	10000
X*	mm	350	450	450	450	500	500	500	500	560	560	650	650	750
LC (LSP) = 500 mm	kg	1140	1610	2020	2400	2880	3250	3680	4100					
LC (LSP) = 600 mm	kg	1040	1480	1850	2200	2650	3000	3400	3780	4110	4940	5860	6500	8340
LC (LSP) = 700 mm	kg	950	1360	1710	2030	(2360)	2770	3140	3500	3830	4600	5480	6090	7830
LC (LSP) = 800 mm	kg	880	(1240)	1590	1900	(2060)	2580	(2750)	3260	3580	4300	5140	5720	7380

** The load capacity applies to lifting heights up to 3300 mm; specifications for greater lifting heights on request.

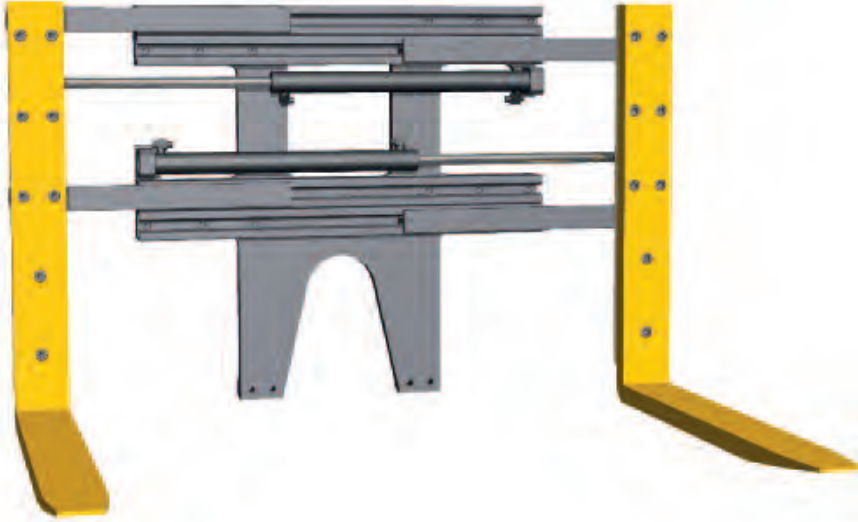
* Assumed dimensions

- For greater load centers, where the lift truck has a higher residual load capacity than the attachment, those values, upon the exceedance of which the attachment would be overloaded, are indicated in brackets ().

Fork Positioners for Reach Trucks

For reach trucks, we recommend using hydraulic fork spreaders of a body width corresponding to the inner width of the truck's support arms. If, due to a greater opening range, a wider frame should be required, we

recommend positioning the frame above the support arms. For this purpose, the forks and the mounting are extended downwards by the height of the support arms.



S11



ZVKS, narrow design for reach trucks
ZVPS for reach trucks



ZVKS-H, extended height for reach trucks



Fork positioners - load capacity 55,000 kg / 1,200 mm



Fork positioner with load stabilizer



Fork positioner ZVP-series with telescopic forks



Fork positioner with load arm



Special fork positioner with 4 forks



Fork positioner ZVPV-series