

FORKS

FOLDING FORKS

HYDRAULIC LIFTING FORKS

MANUALLY ADJUSTABLE FORK EXTENSIONS

FORK EXTENSIONS

S1

Forks

Forks are the combining element between the load and forklift truck. They are the most stressed segments of an attachment and should thus meet the highest quality standard.

Folding Forks

On folding forks, the fork blade can be folded up to the fork back manually or hydraulically. Very often such forks are used in locations with a limited amount of space, in lifts or similar applications.

Hydraulic Lifting Forks

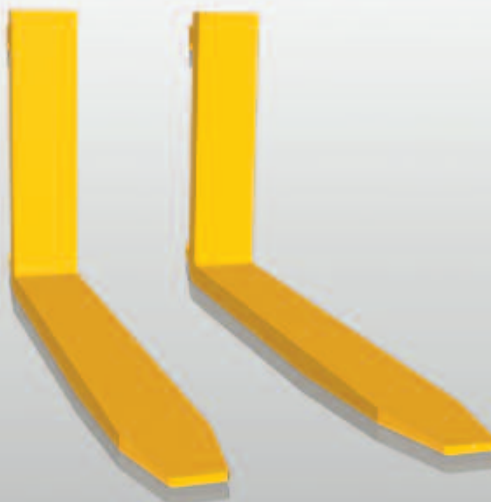
With hydraulic lifting forks, additional lifting height can be achieved. In combination with a standard fork, hydraulic lifting forks are used for leveling. In this case, the hydraulic lifting fork is equipped with positive and negative lift in comparison to the standard fork. Hydraulic lifting forks are also available in combination with other attachments, such as telescopic forks and / or fork positioners.

Manually Adjustable Fork Extensions

The manually adjustable fork extension is a combination of a fork and a fork extension. The shoe can be manually locked in its final position.

Fork Extensions

Fork extensions are available as open-base extensions (open version) or as closed-base extensions (closed version). The fork length must be at least 60 % of the length of the fork extension. Fork extensions are also available with a coating or in special designs.



Forks



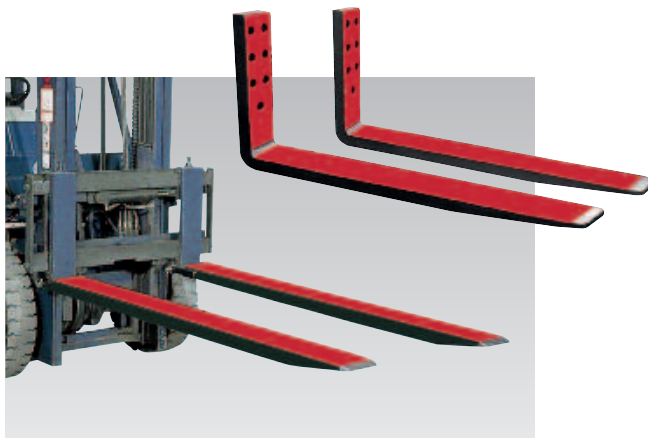
ISO-forks

Bolt-on-forks

Terminal-
West forksPin-type
forks

Fork Extensions and Forks

with polyurethane coating (5 mm)
are suited for the transportation of delicate goods – slip resistant and noise reducing.
(On request)

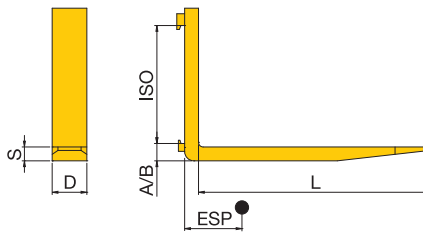


Coil Shoes

for the transportation of sheet metal coils and wire coils. The coating prevents material damage and keeps the coils from slipping off.
(On request)




Forks

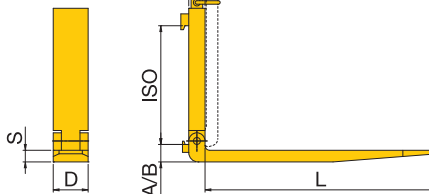


Model	Load capacity/ pair	LC (LSP)	ISO	L	Cross section D x S		CoG (ESP)	Weight per pair	Additional weight per pair per 100 mm add. length	Price per pair	Surcharge per pair per 100 mm add. length
	kg	mm			mm	mm					
S 1 - GZ 15	1500	500	2	1200	100	40	370	100	6,3		
S 1 - GZ 20	2000	500	2	1200	120	40	370	120	7,5		
S 1 - GZ 25	2500	500	2	1200	125	45	370	140	8,8		
S 1 - GZ 30	3000	500	3	1200	140	50	350	180	11,0		
S 1 - GZ 40	4000	500	3	1200	150	50	350	195	11,8		
S 1 - GZ 48	5000	600	3	1200	150	60	350	235	14,1		
S 1 - GZ 50	5000	600	4	1200	150	60	320	260	14,1		
S 1 - GZ 60	6000	600	4	1200	150	65	320	280	15,3		
S 1 - GZ 70	7000	600	4	1200	150	70	325	300	16,5		
S 1 - GZ 70	7000	600	4	1200	200	60	320	345	18,9		
S 1 - GZ 80	8000	600	4	1200	200	70	325	405	22,0		
S 1 - GZ 120	12000	600	4	1200	200	80	330	460	25,1		

- Surcharge for bolt-on forks: up to GZ 40
up to GZ 80
> GZ 80
- Surcharge for long tapered forks:
- Surcharge for harbor fork design: up to GZ 30

- Surcharge for reinforced lower hooks (for rotators):
ISO 2
ISO 3
ISO 4
- Ex-protection forks available on request. 
- Surcharge for QD hooks on request.

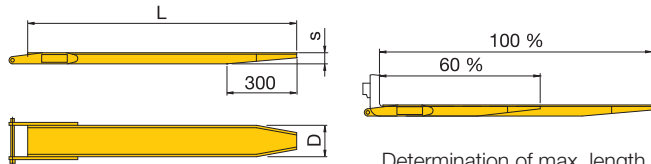
Folding Forks



Model	Load capacity/ pair	LC (LSP)	ISO	L	Cross section D x S/S1		Weight per pair	Additional weight per pair per 100 mm add. length	Price per pair	Surcharge per pair per 100 mm add. length
	kg	mm			mm	mm				
S 1 - KGZ 15	1500	500	2	1200	120	40/60	155	7,5		
S 1 - KGZ 25	2500	500	2	1200	140	50/70	210	11,0		
S 1 - KGZ 35	3500	500	3	1200	150	60/80	280	14,1		

- Hydraulic folding forks available on request.
- Folding forks with higher load capacity available on request.

Fork Extensions

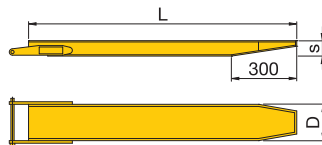


Determination of max. length of fork extensions

Open-Base Extensions

Model	Load capacity on lift truck	L	Max. fork cross section	D	S	Weight per pair at L = 1200 mm	Additional weight per pair per 100 mm add. length	Price per pair	Surcharge per pair per 100 mm length of ext.
	kg	mm	mm	mm	mm	kg	kg		
S 1 - GVU 15	1500	1200	120 x 40	146	46	31	2,6		
S 1 - GVU 25	2500	1200	125 x 45	155	51	36	3,0		
S 1 - GVU 30	3000	1200	140 x 50	170	56	41	3,4		
S 1 - GVU 40	4000	1200	150 x 50	184	56	46	3,8		
S 1 - GVU 50	5000	1200	150 x 65	190	71	62	5,2		

- The fork length must be at least 60% of the length of the fork extension, the LC must be within the length of the forks.



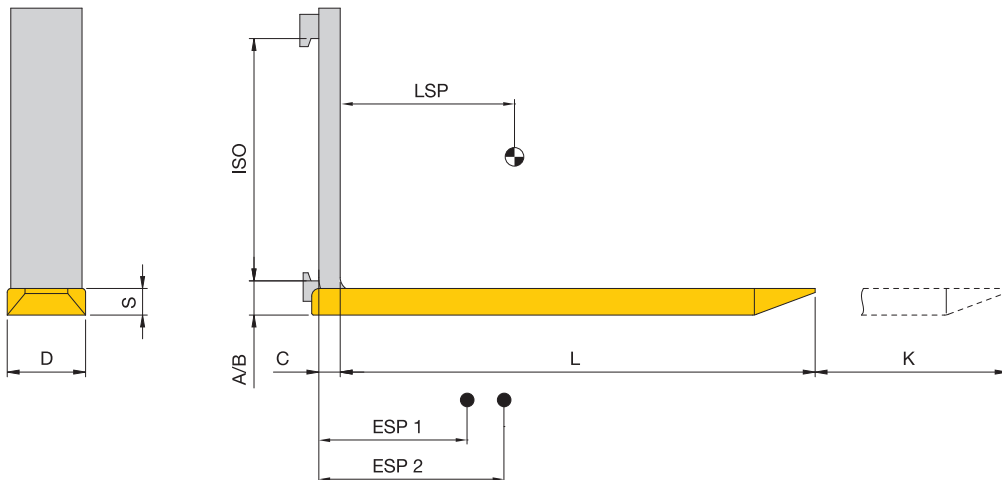
Closed-Base Extensions

Model	Load capacity on lift truck	L	Max. fork cross section	D	S	Weight per pair at L = 1200 mm	Additional weight per pair per 100 mm add. length	Price per pair	Surcharge per pair per 100 mm length of ext.
	kg	mm	mm	mm	mm	kg	kg		
S 1 - GVK 15	1500	1200	120 x 40	146	62	48	4,0		
S 1 - GVK 25	2500	1200	125 x 45	155	67	58	4,8		
S 1 - GVK 30	3000	1200	140 x 50	170	72	62	5,2		
S 1 - GVK 40	4000	1200	150 x 50	184	72	70	5,8		
S 1 - GVK 50	5000	1200	150 x 65	190	87	91	7,6		
S 1 - GVK 60	6000	1200	150 x 70	190	96	103	8,6		
S 1 - GVK 80	8000	1200	200 x 70	255	96	137	11,4		
S 1 - GVK 100	10000	1200	200 x 80	265	106	166	13,8		
S 1 - GVK 120	12000	1200	250 x 80	315	106	180	15,0		

- The fork length must be at least 60 % of the length of the fork extension. If the fork length is shorter, a special construction can be offered subject to an examination of the load conditions.
- Please indicate fork cross section and length when ordering.
- Higher load capacities on request.
- Ex-protection version on request.



Manually Adjustable Fork Extensions



Model	Load capacity/ pair	LC (LSP)	ISO	Cross section* D x S		L	K	C	CoG 1 (ESP 1)	CoG 2 (ESP 2)	Weight per pair	Price per pair
				mm	mm							
S 1 - MVG 16 800/400	1600	500	2	115	50	800	400	35	255	340	95	
S 1 - MVG 16 1000/600	1600	500	2	115	50	1000	600	35	340	485	110	
S 1 - MVG 16 1200/600	1600	500	2	115	50	1200	600	35	435	585	130	
S 1 - MVG 16 1200/800	1600	500	2	115	50	1200	800	35	435	635	130	
S 1 - MVG 25 800/400	2500	500	2	135	55	800	400	40	250	330	130	
S 1 - MVG 25 1000/600	2500	500	2	135	55	1000	600	40	340	465	150	
S 1 - MVG 25 1200/600	2500	500	2	135	55	1200	600	40	430	565	170	
S 1 - MVG 25 1200/800	2500	500	2	135	55	1200	800	40	430	610	170	
S 1 - MVG 25 1400/1000	2500	500	2	135	55	1400	1000	40	525	755	190	
S 1 - MVG 35 800/400	3500	500	3	140	60	800	400	45	230	295	160	
S 1 - MVG 35 1000/600	3500	500	3	140	60	1000	600	45	310	420	185	
S 1 - MVG 35 1200/600	3500	500	3	140	60	1200	600	45	400	515	210	
S 1 - MVG 35 1200/800	3500	500	3	140	60	1200	800	45	400	555	210	
S 1 - MVG 35 1400/1000	3500	500	3	140	60	1400	1000	45	490	690	235	
S 1 - MVG 45 1000/600	5000	500	3	165	65	1000	600	50	330	435	230	
S 1 - MVG 45 1200/600	5000	500	3	165	65	1200	600	50	420	530	260	
S 1 - MVG 45 1200/800	5000	500	3	165	65	1200	800	50	420	565	260	
S 1 - MVG 45 1400/1000	5000	500	3	165	65	1400	1000	50	510	705	290	

- Surcharge for additional locking positions

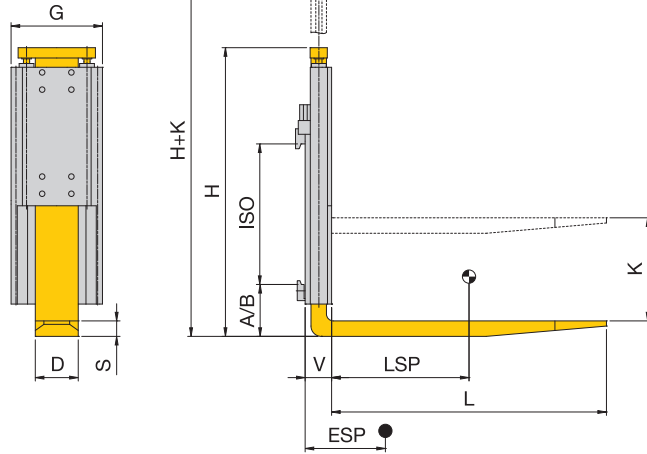
* Fork shoe reinforced in the rear area (10 mm wider/5 mm thicker)

- Higher load capacities and lengths available on request.

- For hydraulically adjustable fork extensions see page 38.

Hydraulic Lifting Forks

1 hydraulic function



Model	Load capacity/ pair	LC (LSP)	ISO	L	Cross section D x S		K	H	G	V	CoG (ESP)	Weight per pair	Price per pair	Surcharge per pair per 100 mm add. length
					mm	mm								
S 1 - HGZ 15 200	1500	500	2	1200	100	45	200	820	240	80	200	245		
S 1 - HGZ 15 300	1500	500	2	1200	100	45	300	840	240	80	190	260		
S 1 - HGZ 15 500	1500	500	2	1200	100	45	500	1090	240	80	165	310		
S 1 - HGZ 25 200	2500	500	2	1200	125	45	200	820	265	80	200	280		
S 1 - HGZ 25 300	2500	500	2	1200	125	45	300	840	265	80	190	300		
S 1 - HGZ 25 500	2500	500	2	1200	125	45	500	1090	265	80	170	370		

- Also available with a fixed fork distance.

- Different lifting heights and load capacities available on request.

Leveling Forks NGZ

Model with one adjustable and one fixed fork is available on request.

