

HEAVY DUTY TRANSPORT



Heavy Duty Lifting | Heavy Duty Transport | Industrial Trucks | Forklift Attachments



HEAVY DUTY LIFTING

Hydraulic Jacks

Hydraulic Jacks JH-G plus Series

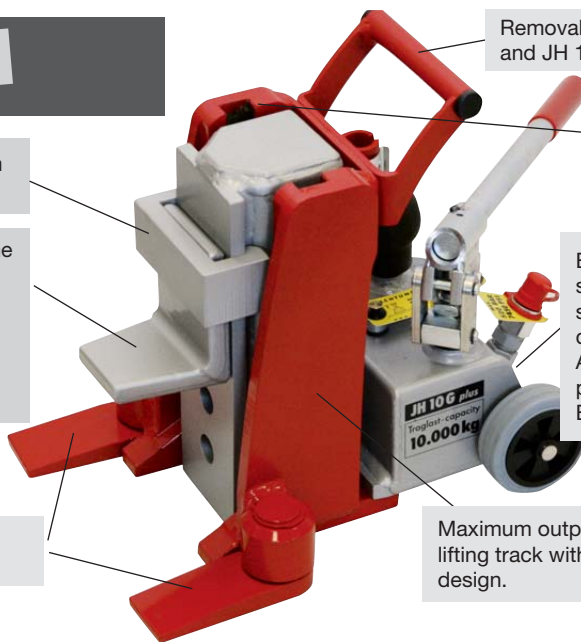
**New and
lightweight!**

Work and lift safely with our patented lifting toe system (Pat.-No. 4413478).

Swiveling safety toe made from forged steel for extreme robustness that prevents fractures. The advanced strength steel is impact resistant and provides optimal safety.

Swiveling lifting toe for safe and optimal adjustment to loads on varying inclines up to $\pm 6^\circ$.

Sturdy swiveling feet - for easy and safe positioning in every situation.



Removable handle on JH 6 G plus and JH 10 G plus

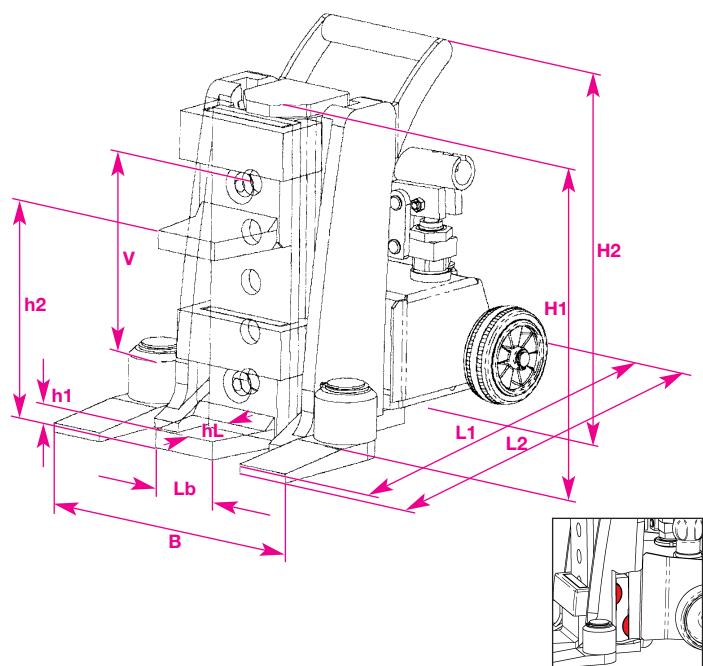
Extreme weight reduction through improved construction and new design.

Easy maintenance through single removable pump unit; safety pressure relief valve with dirt filter prevents overloading. Also available without integrated pump unit. See JH G plus series EX-version.

Maximum output due to reduced friction in the lifting track with our patented slide shoe design.



For suitable accessories (pumps and hoses) see pages 592



Advantages in detail:

- **Less friction.** Slide shoe design inside the guiding track prevents twisting of the piston inside the lifting cylinder. This guarantees better force distribution, less friction and reduced wear compared to conventional jacks (see figure left).
- **Reduced maintenance costs** due to easy to change slide shoes and removable pump unit.
- **Extremely lightweight** with high performance due to the use of high-quality material and innovative design.
- **Continuous adjustment** to the load due to swiveling safety toe. Secure stableness in every situation even in lifted position (see pictures above).
- **Fast stroke.** JH 15 / JH 20 G plus serial outfitted with fast stroke. Also available with spring return.

Item no.		15341000015001	15341000015002	15341000015006	15341000015003	15341000015004
Type		JH 6 G plus	JH 10 G plus	JH 10 G plus kurz	JH 15 G plus	JH 20 G plus
Load capacity on top plate in kg		6000	10000	10000	15000	20000
Stroke in mm		140	150	108	175	190
Minimum lifting toe height	h1 in mm	12	15	15	20	20
Maximum lifting toe height	h2 in mm	157	180	138	205	225
Lift toe adjustment	V in mm	6 x 29	5 x 41	4 x 41	5 x 46	5 x 51
Top plate height	H1 in mm	245	275	235	310	340
Toe width front	Lb in mm	50	60	60	80	80
Toe depth	nL in mm	50	55	55	66	66
Length feet in front	L2 in mm	326	346	346	415	425
Length feet on side	L1 in mm	311	330	330	401	405
Width	B in mm	233	247	247	300	322
Overall height	H2 in mm	280	310	235	310	340
Cylinder volume in l		0.18	0.3	0.21	0.5	0.73

HEAVY DUTY LIFTING

Hydraulic Jacks



Hydraulic Jacks JH-G plus Ex Series without integrated Pump

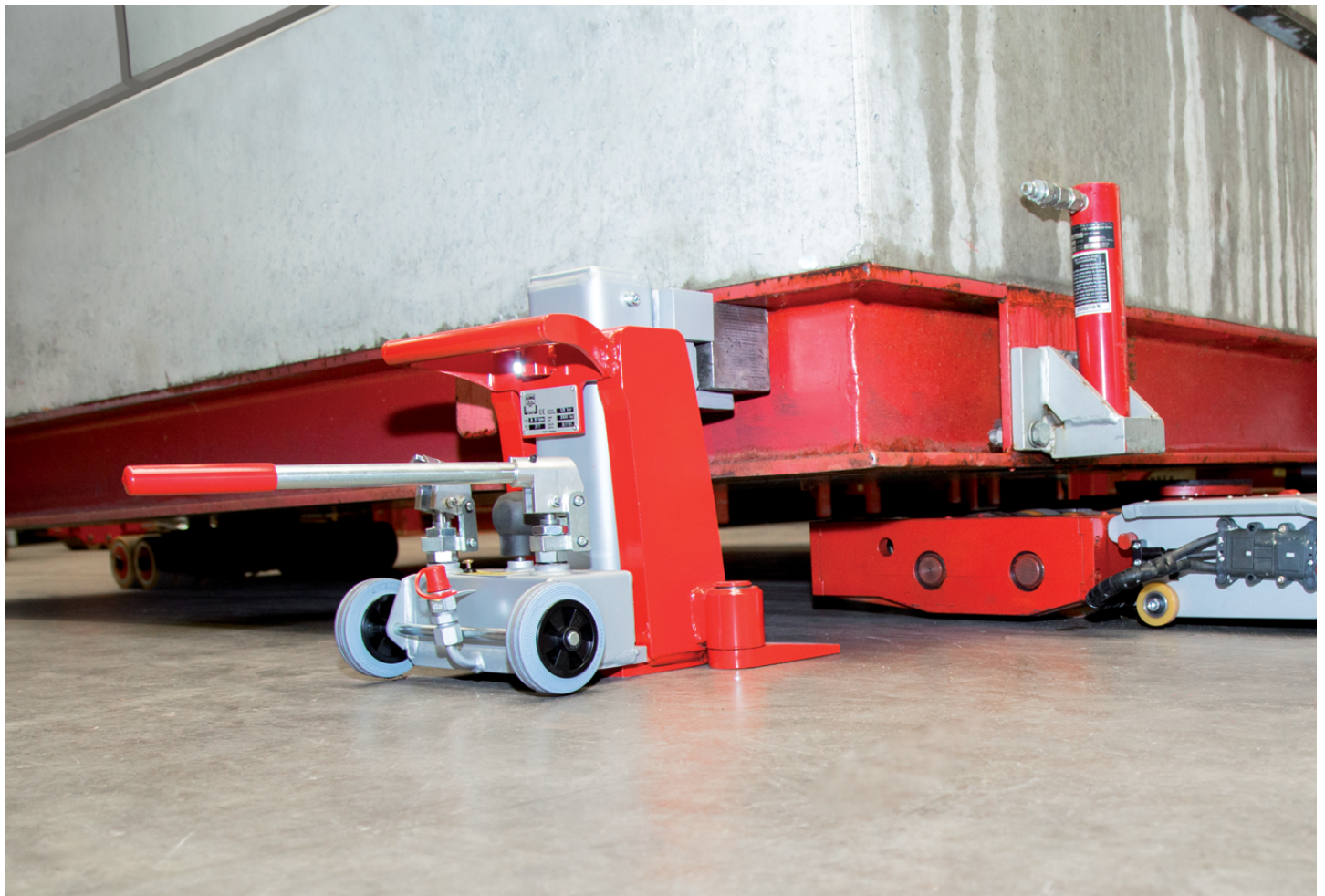
For technical details please refer to the hydraulic jack JH-G plus

- JH 15G to JH 30G plus Ex are equipped with spring return, therefore no force effort to reset in lowest position.
- External pumps are necessary to operate the JH-G plus Ex series (see below).

These jacks are usually combined with manually or electrically operated hydraulic pumps. This configuration offers an ideal solution for heavy duty lifting in confined spaces or other tricky situations.



Item no.		15341000015010	15341000015007	15341000015008	15341000015005
Type		JH10G plus Ex	JH15G plus Ex	JH20G plus Ex	JH30G plus Ex
Load capacity on top plate in kg		10000	15000	20000	30000
Stroke in mm		150	175	190	200
Minimum lift toe height	h1 in mm	15	20	20	20
Maximum lift toe height	h2 in mm	180	205	225	305
Lift toe adjustment	V in mm	5 x 41	5 x 46	5 x 51	5 x 71
Top plate height	H1 in mm	275	310	340	420
Toe width front	Lb in mm	60	80	80	80
Toe depth	nL in mm	55	66	66	66
Length feet in front	L2 in mm	270	340	360	380
Length feet on side	L1 in mm	210	230	230	270
Width	B in mm	247	300	322	375
Overall height	H2 in mm	310	310	340	420
Cylinder volume in l		0.3	0.5	0.73	1.27
Weight approx. in kg		24	41	52	92



HEAVY DUTY LIFTING

Hydraulic Jack Sets

Hydraulic Jack Set Type JSET Capacity up to 20 ton

Directions for use:

2 lifting jacks are connected to a pump by hydraulic hoses with non-drip quick couplers. The 2 lifting jacks are controlled by the external pump. Thus it is made sure that the jacks are not unintentionally overloaded during lowering.

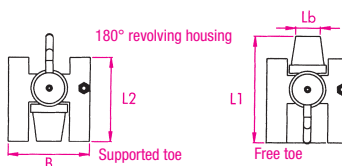
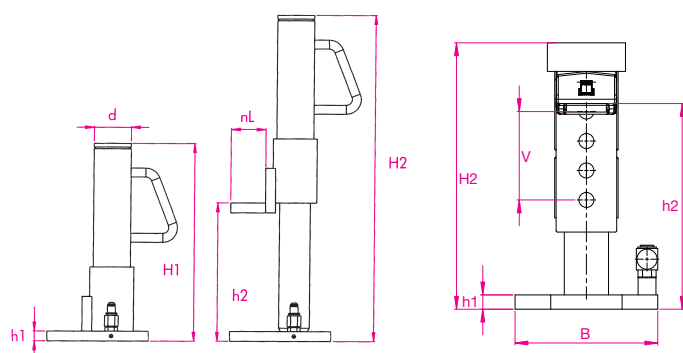
- Lifting claw rotates through 180° to lift with or without supporting feet
- High capacity at low weight
- Pump and jacks are separate units and can therefore be used flexibly in confined spaces. Horizontal operation is also possible.
- Swivelling lifting toe on JHS 10 ku assures optimal adjustment to the load, along with safe and stable support even in raised position.



Item no.	15420000015012	15420000015013	15420000015014
Lifting set	JSET 10/2	JSET 20/3	JSET 20/3 ku
Max. capacity in kg	10000	20000	20000
Lifting set consisting of:			
2 x Hydraulic jack	JHS 5	JHS 10	JHS 10 ku
2 x Hydraulic hose	JS 2	JS 3	JS 3
1 x Hand pump	JP 26	JP 26	JP 26

Technical data for hydraulic jacks JHS 5 and JHS 10

Type	JHS 5	JHS 10	JHS 10 ku
Capacity on top plate in kg	5000	10000	10000
Minimum lift toe height h1 in mm	15	20	20
Maximum lift toe height h2 in mm	240	240	288
Top plate height H1 in mm	350	370	265
Overall height H2 in mm	590	610	373
Toe width front Lb in mm	45	60	60
Usable toe depth nL in mm	40	55	55
Lift toe adjustment V in mm	-	-	5 x 41
Ø d top plate in mm	60	80	95
Length L2 toe supported in mm	170	205	205
Length L1 toe exposed in mm	220	260	260
Width B in mm	145	200	200
Cylinder volume in l	0.3	0.47	0.21
Weight in kg	10	19	19



For suitable accessories
(pumps and hoses) see
pages 592

HEAVY DUTY LIFTING

Lifting Jack, Sets, Pressure Blocks



Hydraulic Lifting Set Type JSET

Advantages of the hydraulic lifting set JSET:

- Complete lifting set including all hoses, pumps, lifting jacks and the retraction/transport truck JRS 1
- Effortless transport and retraction of the cylinder with the included retraction/transport truck JRS 1
- Jacks and pump as separate units for high flexibility

Item no.	15420000015015
Lifting set	JSET 50/3
Lifting device	1 x JH 50 P
Hose	2 x JS 3
Pump	1 x JPE 55 NVR
Retraction/transport truck	1 x JRS 1



JSET 50/3

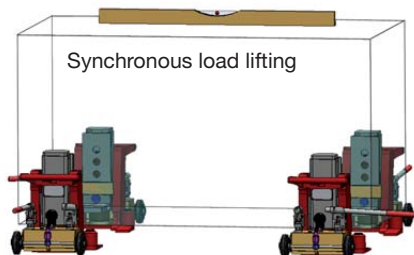
Retraction unit

Pressure Blocks Type JD

Safety provided by synchronous pressure block

Benefits when working with the synchronous pressure block:

- Safe working without a risk of tipping
- Time savings
- One-man operation

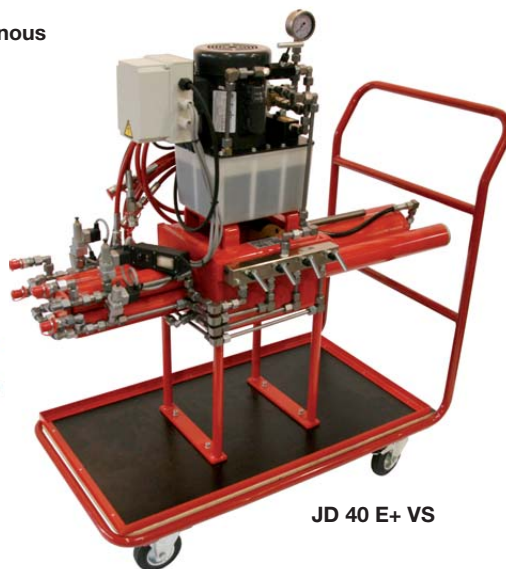


Synchronous load lifting



Caution! Risk of tipping without synchronous pressure block

In the case of heavy loads with a small footprint in particular, 'lifting on demand' using four independent hydraulic lifting device can easily lead to the load tipping over. The risk when setting down the load is even greater, as this often occurs more quickly than lifting it and the realisation that a load is tipping often comes too late.



JD 40 E+ VS



JD 40 E+ VS
4x JHS 10

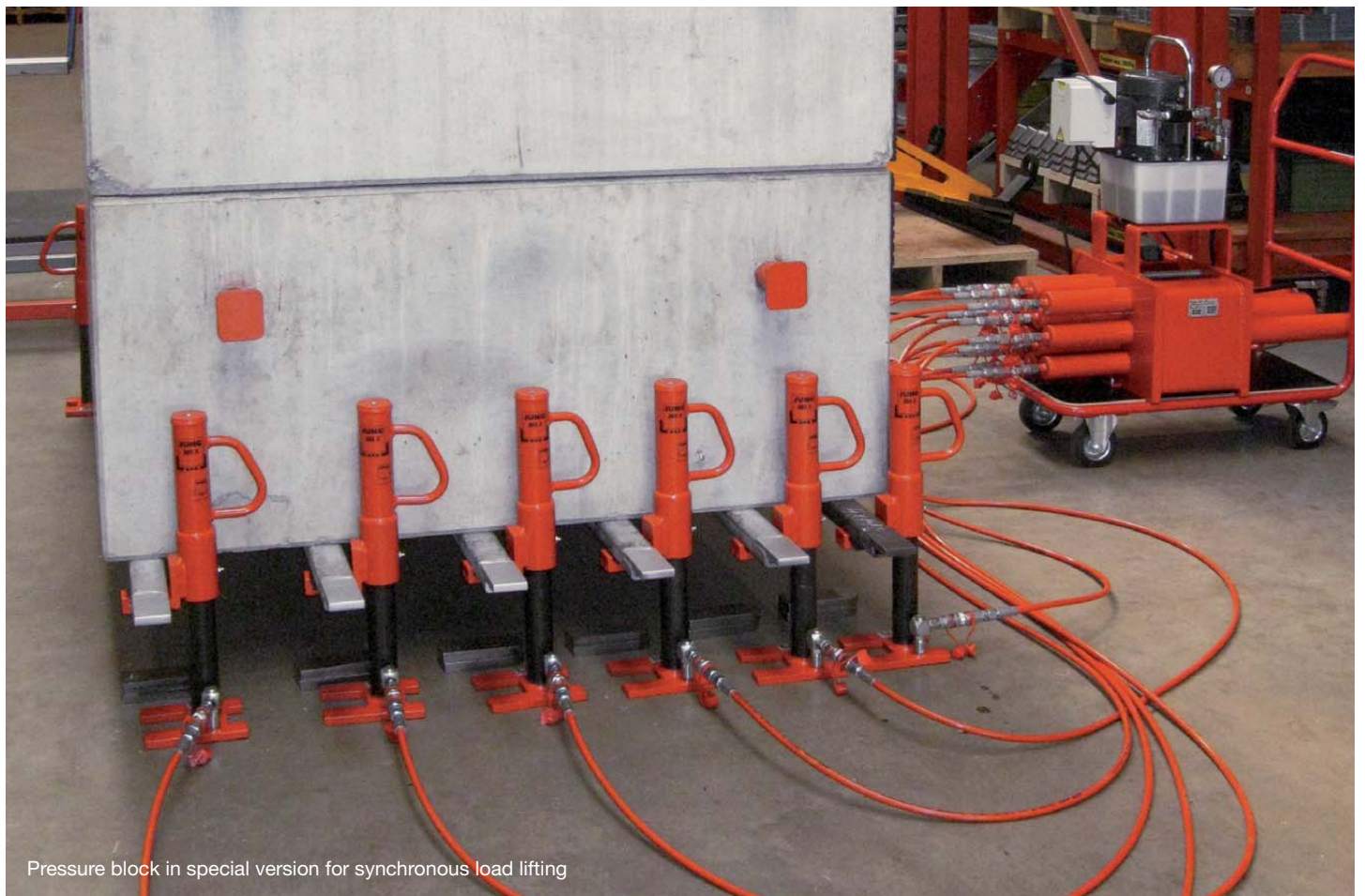
Item no.	35151000015005	35151000015007	35151000015009
Type	JD 40+	JD 40 E+ VS	JD 80 E+ VS
Fully assembled on trolley with electr. pump	no	yes	yes
Spring return	no	yes	yes
Length in mm	1200 / 47.2"	1200 / 47.2"	1200 / 47.2"
Width in mm	650 / 25.6"	650 / 25.6"	650 / 25.6"
Height in mm	1300 / 51.2"	1300 / 51.2"	1300 / 51.2"
Electric pump working pressure in bar	520	520	520

HEAVY DUTY LIFTING

Pressure Blocks



Pressure block JD 80+



Pressure block in special version for synchronous load lifting

HEAVY DUTY LIFTING

Pressure Blocks

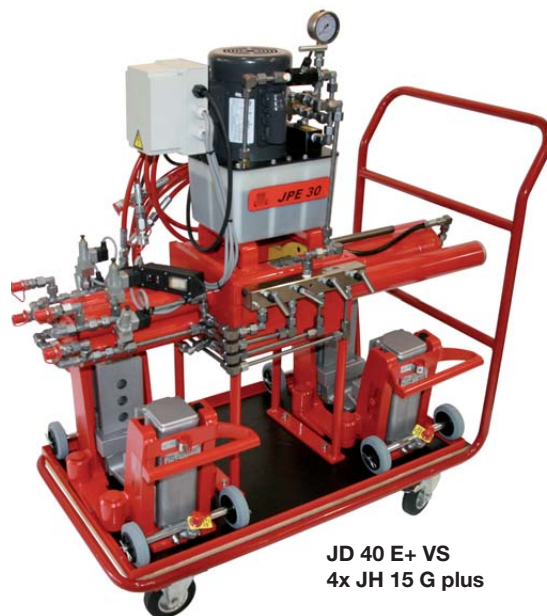


Pressure Block Type JD 40 E+ VS

With a push back system

Benefits when working with the synchronous pressure block:

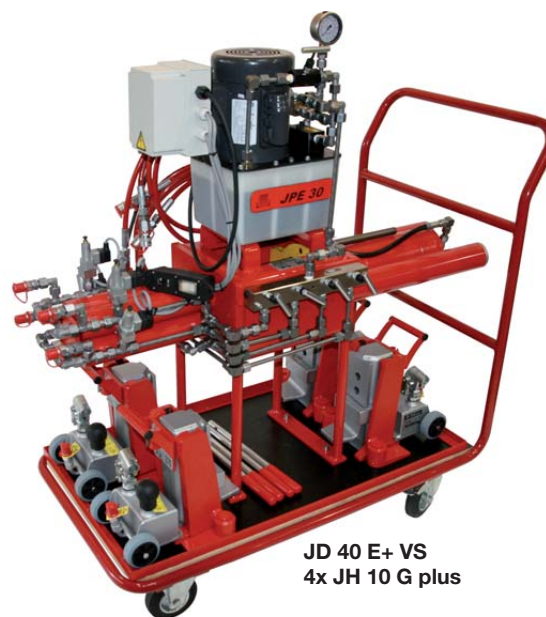
- Synchronized lifting of multiple jacks. For loads with decentralized center of gravity. Simple and safe.
- Uncomplicated operation via push button (remote control).
- All slave-cylinders equipped with 520 bar safety pressure switches. Controls monitor pressure switches with LED indicator preventing any possible overloading.
- Retracting of the hydraulic jacks also without load (JH 15 - 20 G plus EX).
- Load independent, maintains constant lifting speed.
- Controllable lowering speed.
- The complete system is mobile and conveniently situated on a utility cart.
- Electrical pump JPE 30 and VS-control unit for driving individual lifting devices.
- Clear and simple control unit, switchable to control all or individual jacks. Configurable also for using three-point lifting system.
- Oil volume in the system is sufficient for up to 4 pcs. JH 10 G plus / JH 10 G plus EX / JHS 10. Larger jacks can be operated, but you need to lift twice to reach the full stroke.
- The cylinders in the pressure block are outfitted with spring return to retract the pistons automatically.



JD 40 E+ VS
4x JH 15 G plus



Pressure block JD 40 E+ VS



JD 40 E+ VS
4x JH 10 G plus

Suitable lifting devices for the JD 40 E+ VS	Load capacity in kg
4x JH 6 G plus (full stroke, without spring return)	24 000
4x JHS 5 (full stroke, without spring return)	20 000
4x JH 10 G plus (full stroke, without spring return)	40 000
4x JHS 10 / JH 10 G plus ku (full stroke, without spring return)	40 000
4x JH 15 G plus (lift twice to reach full stroke, without spring return)	60 000
4x JH 15 G plus EX (lift twice to reach full stroke, with spring return)	60 000
4x JH 20 G plus (lift twice to reach full stroke, without spring return)	80 000
4x JH 20 G plus EX (lift twice to reach full stroke, with spring return)	80 000

HEAVY DUTY LIFTING

Pumps, Accessories

Air and electrical Pumps Types JPL and JPE

- These electric pumps are very easy to operate.
- They offer the best possible weight/flow rate ratio.



Item no.	35151000015002	35151000015003	35151000015004
Type	JPL 15	JPE 30 NVR	JPE 55 NVR
Total/useful oil capacity in l	1.5	7.6 / 4.8	9.5 / 8.4
Working pressure in bar	0-700	520	520
Number of connections	2 drip-free hydraulic connections	2	2
Flow rate low pressure in l/min.	1.07	3.9 at 7 bar	7.1 at 50 bar
Flow rate high pressure in l/min.	0.18	0.33 at 520 bar	0.95 at 520 bar
Weight in kg	9	40	40
Dimensions L x W x H in mm	380 x 136 x 185	530 x 300 x 560	530 x 300 x 560
Hose length in mm	-	variable	variable
Motor facts	-	230 V, 50 Hz, 5 A	230 V, 50 Hz, 13 A
For use with	single acting cylinders	-	-
Compressed air connection in bar	7-14	-	-

Hydraulic Hand Pump Type JP 26

Your advantages in detail:

- Sturdy construction, yet lightweight and easy to handle
- Pressure limiting valve provides safety against overloading
- Equipped with integrated quick-lift for faster working



Jacks to use with the hand pump

Item no.	35151000015001
Type	JP 26
Total/useful oil capacity in l	2.1 / 2.0
Working pressure in bar	520
Number of connections	2
Dimensions L x W x H in mm	770 x 170 x 169
Weight in kg	13

*up to 15,000 mm

Jacks	JP26
JH 6 G plus	for 2 hydraulic jacks
JH 10 G plus	for 2 hydraulic jacks
JH 15 G plus	for 2 hydraulic jacks
JH 20 G plus	for 2 hydraulic jacks
JH 10 G plus ku	for 2 hydraulic jacks
JH 13 P	for 2 hydraulic jacks
JHS 5	for 2 hydraulic jacks
JHS 10	for 2 hydraulic jacks
JHS 10 G ku	for 2 hydraulic jacks

Hydraulic Hoses Type JS

- Both ends fitted with non-drip couplers, evacuated oil-filled, ready to use
- Safety factor 4:1



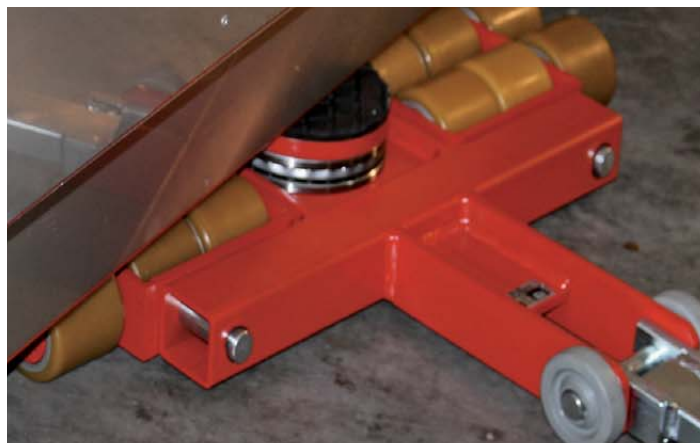
Item no.	35201500015003	35201500015004	35201500015005	35201500015006
Type	JS 2	JS 3	JS 4	JS 6
Number of drip free couplings	2	2	2	2
Dimensions (Length) in mm	2000	3000	4000	6000

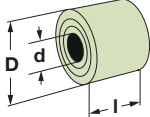

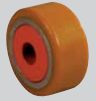
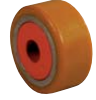

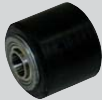
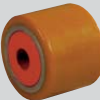


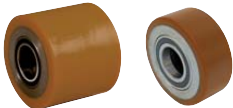
Available up to 15,000 mm

HEAVY DUTY TRANSPORT



Castor finishes for the broadest range of flooring



Type	Steel	JUWAmid	JUWathan®	JUWathan®plus	JUWathan®Professional
Details	<p>The castor body is made of a seamless, precision steel tube.</p> <p>2 ball bearings are pressed into the castor body.</p>	<p>2 ball bearings are pressed into a high-quality polyamide castor.</p>	<p>The coating is moulded around a steel core. 2 precision ball bearings are pressed into the steel core.</p>	<p>A special polyurethane coating is moulded around an aluminium core.</p> <ul style="list-style-type: none"> • Due to optimised coating the rolling resistance is reduced by almost 30% • Almost 35% weight reduction 	<ul style="list-style-type: none"> • Higher load capacity compared to JUWathan® plus rollers due to partition of rollers and bearings (2x2 ball bearings) • Considerably reduced friction between flooring and rollers as the double rollers can rotate in opposite directions. • Reduced turning effort • More directional stability due to reduced friction also for the trailing axles
Usage	<p>Very uneven areas and poor floor conditions with high levels of dirt</p> 	<p>Smooth, level industrial floors without dirt/chips</p>	<ul style="list-style-type: none"> • Smooth, level industrial floors without dirt/chips • Industrial floors with dirt/chips and slight indents or areas of unevenness 		
Trolley type and castor dimensions	JKB D x d x l (mm) 85 x 25 x 43				
	M D x d x l (mm) 85 x 25 x 43				
	K D x d x l (mm) 85 x 25 x 85				
	K Prof. D x d x l (mm) 85 x 25 x 85				
	G Prof. D x d x l (mm) 140 x 35 x 59				
	H D x d x l (mm) 200 x 70 x 170 200 x 70 x 85				

HEAVY DUTY TRANSPORT

Revolving Transport Trolleys

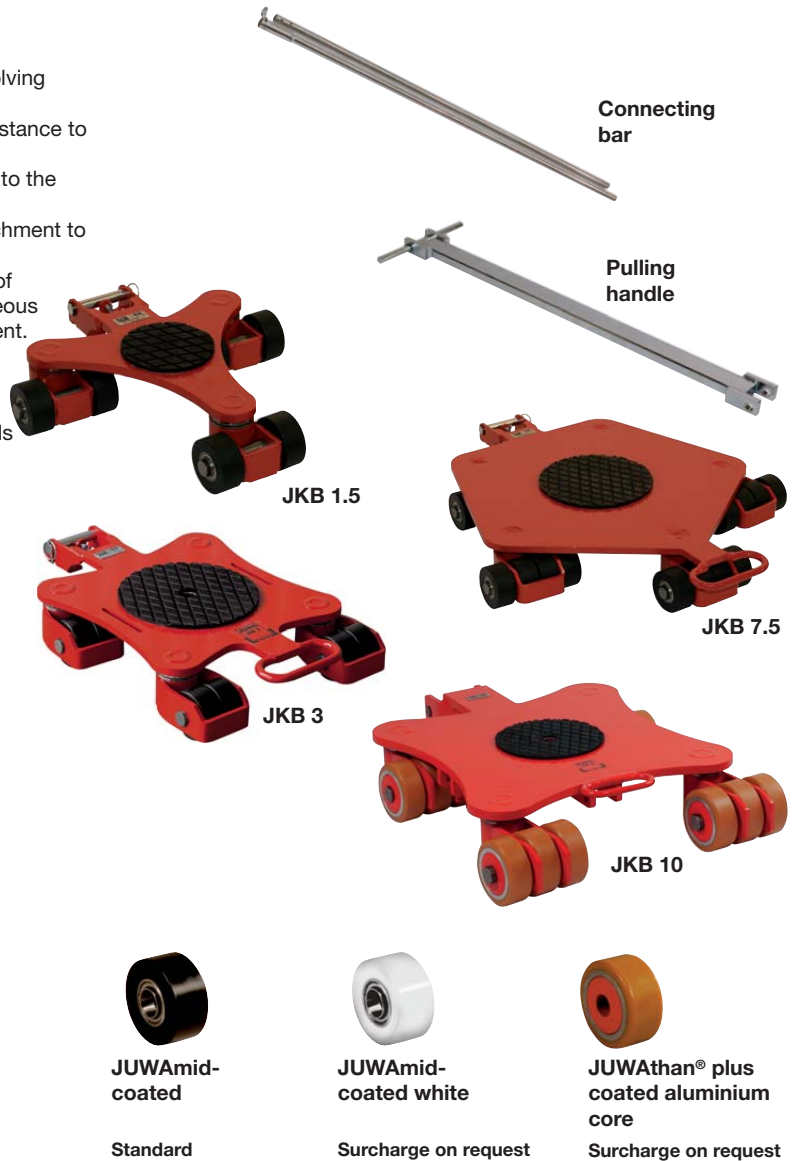
Revolving Transport Trolleys Sets JKB, Clearance 110 mm

Your advantages in detail:

- High load capacity at low weight
- Bearing supported swiveling rollers allow 360° maneuverability
- Same height trolleys provide interchangeability. Mix and match revolving trolleys with Series K transport trolleys
- Unrivalled: The double roller system reduces rolling and turning resistance to a minimum
- Using the slots in the platform the trolleys JKB 3-7,5 can be affixed to the load with standard tiedown belts.
- In addition, all the trolleys have a platform center hole to allow attachment to the load.
- For choosing the adequate revolving trolley we recommend a load of two-third of the maximum capacity. This will be the most advantageous compromise between load, ergonomic and handling of the equipment.

Options:

- Pulling handle and connecting bars available as accessories
- Alignment bar can be fixed to the carrying handle without using tools



Optionally available
with the following castor types:
(for details, see page 593)

Type	JKB 1.5/3	JKB 3/6	JKB 4/8	JKB 6/12	JKB 7.5 / 15	JKB 10 / 22
Load capacity of single trolley/set in kg	1500 / 3000	3000 / 6000	4000 / 8000	6000 / 12000	7500 / 15000	10000 / 22000
Number of castors per trolley	6	8	12	16	20	12
Castor dimensions, Ø x width in mm	85 x 43	85 x 43	85 x 43	85 x 43	85 x 43	140 x 59
Supporting surface of turntable in mm	150	250	250	250	250	250
Dimensions of trolley in mm	530 x 490	675 x 435	675 x 475	675 x 525	895 x 740	975 x 730
Weight with JUWAmid single trolley/set in kg	20/40	38/76	43/86	44/88	63.5/127	260/574
Item no. Set (consisting of 2 single trolleys)	30250000015002	30250000015003	30250000015004	30250000015005	30250000015006	30250000035041
Item no. single trolley	30101030015001	30101030015002	30101030015003	30101030015004	30101030015005	30101030035041
Item no. draw bar	30201500015001	30201500015001	30201500015001	30201500015001	30201500015001	30201500035111
Item no. alignment bar	30201500015002	30201500015002	30201500015003	30201500015003	30201500015003	-

HEAVY DUTY TRANSPORT

Transport trolleys



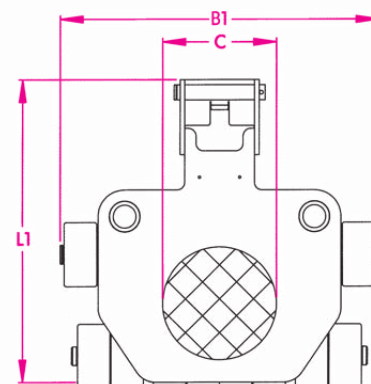
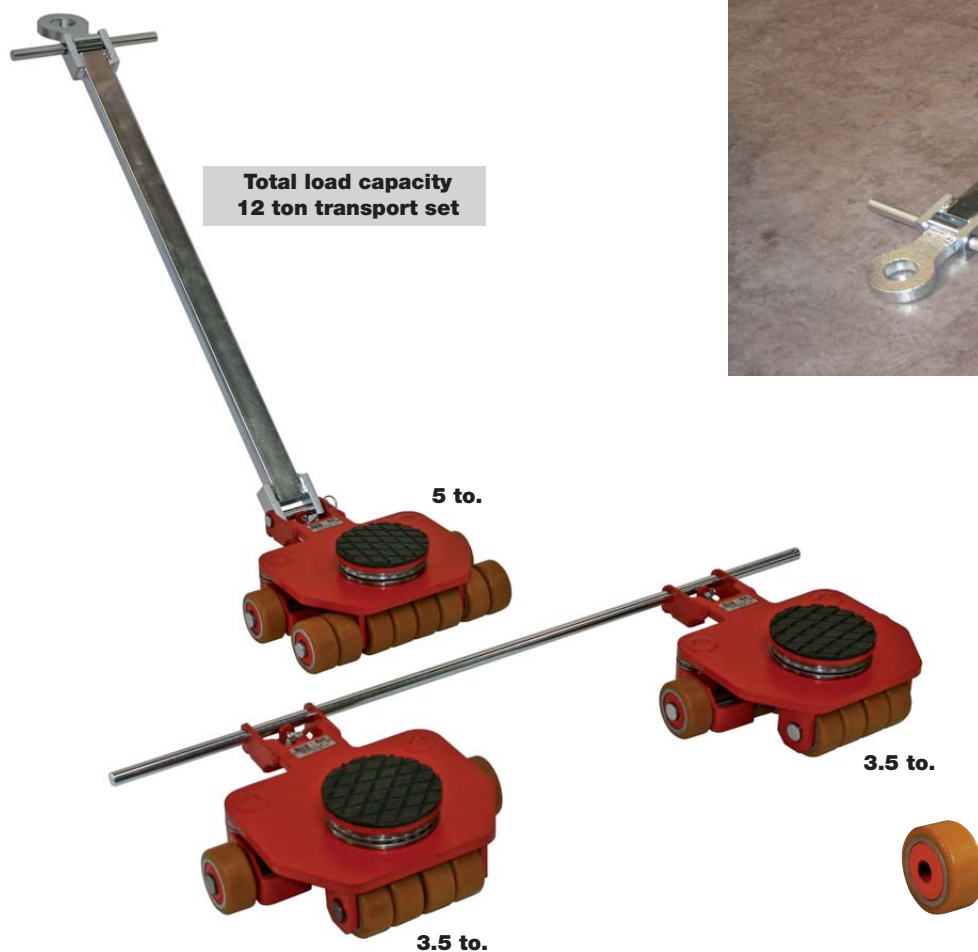
Multi-Purpose trolleys series M



Your advantages in detail:

- 80% easier to steer thanks to two steering wheels
- Held on track by the rigid axis
- Suitable for steering and straight-line movements
- Steering forces from a standing position reduced by up to 80%. This protects the castors and the floor covering and vastly enhances the device ergonomics for the user.
- Enables the load to be pushed transversely to the direction of movement.



**Total load capacity
12 ton transport set**



  All trolleys are equipped with JUWathan® plus castors. For details see page 593.

Item no.	30101025015001	30250000015007	30101025015002	30250000015008
Type	JLF 3.5	JLF Set 12	JLF 5	JLF Set 15
Load capacity in kg	3500	1 x 5000 + 2 x 3500	5000	3 x 5000
Number of castors	8	1 x 12 + 2 x 8	12	3 x 12
Castor dimensions in mm	85 x 43	85 x 43	85 x 43	85 x 43
Height in mm	150	150	150	150
Supporting surface per cassette Ø C in mm	150	150	150	150
Overall width B1 in mm	420	420	420	420
Trolley length L1 in mm	410	410	410	410
Weight with JUWathan plus in kg	25	95	28	102

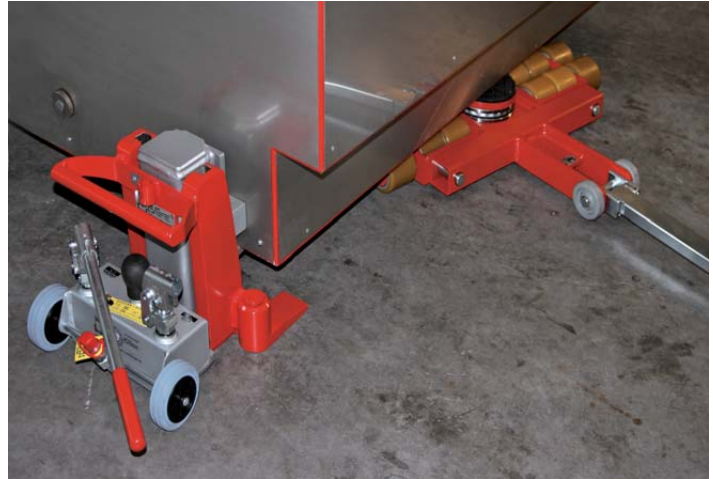
HEAVY DUTY TRANSPORT

Transport trolleys

**Adjustable and steerable Transport trolleys Type K,
Load Capacity 6-24 ton, Overall Height 110 mm**

Your advantages in detail:

- Galvanised axles and safety clip ring for improved corrosion resistance
- Fitted with top quality rollers as standard
- Reduced weight due to optimised cassette design
- All transport trolleys are immediately ready for use.
- The steerable trolley is equipped with a roller bearing turntable and the pictured steering handle.
- **The fixed trolleys can be connected with the included alignment bar as pictured on the below.**



**Total load capacity
24 ton transport set**



**Optionally available with the following castor types:
(for details see page 593)**



Steel



JUWAmid-Belag



JUWathan® plus



Steerable trolley JL 12 K

12 to.

6 to.

Fixed trolleys JFB 12 K
(adjustable)

Item no.	30101010015001	30101015015001	30101010015002	30101015015002	30101010015003	30101015015003	30101010015004	30101015015004
Type	JLB 3 K	JFB 3 K	JLB 6 K	JFB 6 K	JL 9 K	JFB 9 K	JL 12 K	JFB 12 K
Load capacity kg	3000	3000	6000	6000	9000	9000	12000	12000
Number of castors	4	4	8	8	12	12	16	16
Castor dimensions mm	85 x 85	85 x 85	85 x 85	85 x 85	85 x 85	85 x 85	85 x 85	85 x 85
Overall height mm	110	110	110	110	110	110	110	110
Supporting surface per cassette mm		120 x 80		170 x 170		170 x 170		170 x 170
Cassette dimensions mm		190 x 115		325 x 200		325 x 390		325 x 390
Length of connecting bar mm		1000**		1230		1230		1230
Cassettes adjustable from-to mm		125-880		400-1030		400-1030		400-1030
Turntable Ø mm	150		150		170		170	
Dimensions of steerable trolleys mm	225 x 280		445 x 590		580 x 820		580 x 1000	
Length of steering handle mm	990*		1120		1120		1120	
Weight with JUWathan plus kg	12	11	33	25	54	32	64	35

* JLB 3 K steering bar without pulling eye, ** JFB 3 K connecting bar without joint

HEAVY DUTY TRANSPORT

Transport trolleys



Adjustable and steerable Transport trolleys Type K Professional, Load Capacity 14-28 ton, Overall Height 110 mm

Your advantages in detail:

- Galvanised axles and safety clip ring for improved corrosion resistance
- Less turning effort due to divided rollers. Considerably reduced friction when negotiating curves. The drastically lower friction also provides enhanced directional stability for the trailing axles.
- Higher load capacity at identical dimensions compared to K series.
- All transport trolleys are immediately ready for use.
- The steerable trolley is equipped with a roller bearing turntable and the pictured steering handle.
- **The fixed trolleys can be connected with the included alignment bar as pictured on the below.**



**Total load capacity
14 ton transport set**



All trolleys are equipped with **JUWathan® Professional castors** (for details see page 593)



Steerable trolley JLB 7 K

7 to.

3.5 to.

Fixed trolleys JFB 7 K (adjustable)

3.5 to.

Item no.	30101010015005	30101015015005	30101010015006	30101015015006	30101010015007	30101015015007
Type	JLB 7 K	JFB 7 K	JL 10 K	JFB 10 K	JL 14 K	JFB 14 K
Load capacity kg	7000	7000	10000	10000	14000	14000
Number of castors	8	8	12	12	16	16
Castor dimensions Ø mm	85 x 85	85 x 85	85 x 85	85 x 85	85 x 85	85 x 85
Overall height mm	110	110	110	110	110	110
Supporting surface per cassette mm		170 x 170		170 x 170		170 x 170
Cassette dimensions mm		325 x 200		325 x 390		325 x 390
Length of connecting bar mm		1230		1230		1230
Cassettes adjustable from-to mm		400-1030		400-1030		400-1030
Turntable Ø mm	150		170		170	
Dimensions of steerable trolleys mm	445 x 590		580 x 820		580 x 1000	
Length of handlebar with pulling eye mm	1120		1120		1120	
Weight with JUWathan Professional kg	35	27	56	34	65	39

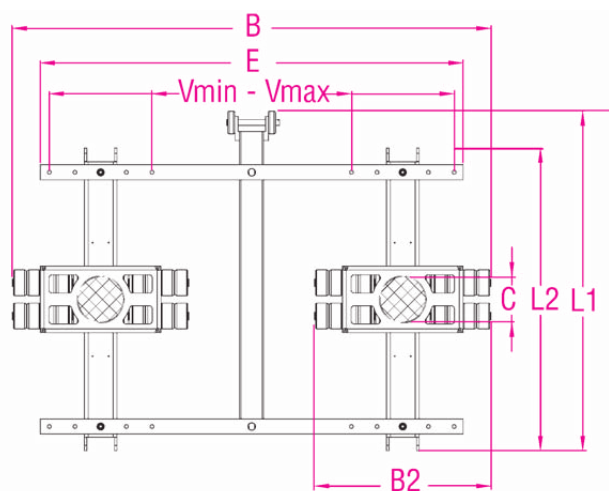
HEAVY DUTY TRANSPORT

Tandem trolleys

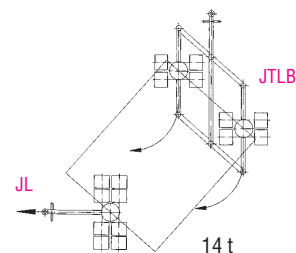
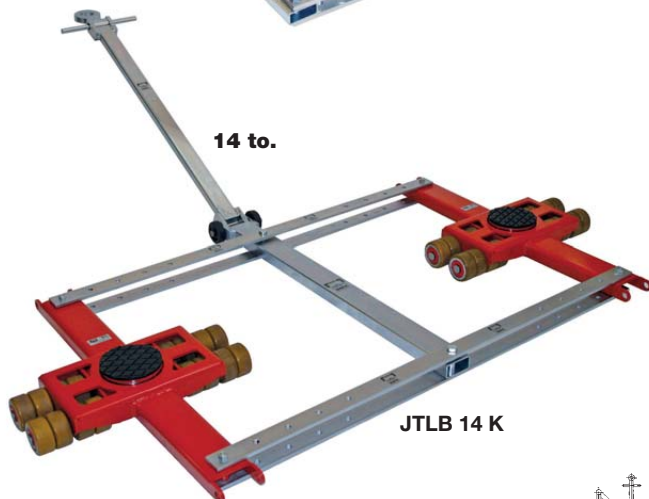
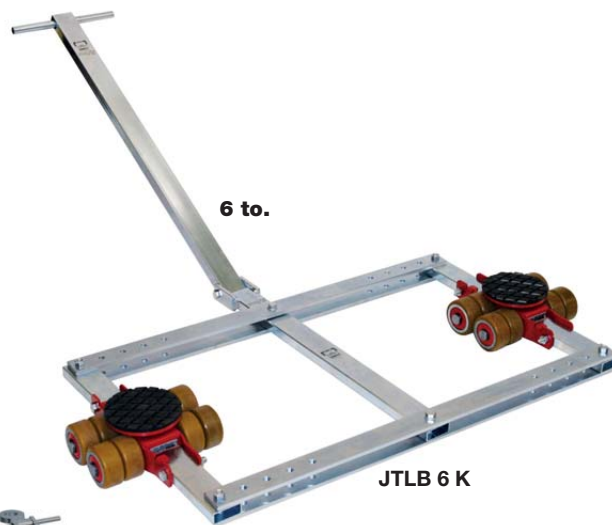
Tandem trolleys Series K Professional, Capacity up to 14 ton, Overall Height 110 mm

Your advantages in detail:

- These tandem trolleys are specially suitable for loads with no leading or trailing edge centre support.
- Galvanised axles, bolts, and safety clip ring for improved corrosion resistance
- Less turning effort due to divided rollers. Considerably reduced friction when negotiating curves. The drastically lower friction also provides enhanced directional stability for the trailing axles.
- Immediately ready for use.
- 2 steering handles and 1 each alignment bar.
- Multi-purpose use: Can also be used as single trolleys. Without any further accessories the steerable trolleys can be used as single units with half the load capacity.
- Angle lock of 45° possible
- Delivery includes 2 steerable trolleys



All trolleys are equipped with JUWathan® Professional castors. For details see page 593.



Example: Negotiating a curve under restricted space conditions

Item no.	30101020015001	30101020015002
Type	JTLB 6 K Professional	JTLB 14 K Professional
Load capacity kg	6000	14000
Number of castors	8	16
Castor dimensions mm	85 x 85	85 x 85
Overall height mm	110	110
Cassette dimensions L2 x B2 mm	600 x 280	1000 x 590
Supporting surface per cassette Ø C mm	150	150
Width of connecting bar E mm	1000	1400
Adjustable from-to Vmin - Vmax mm	560 - 960*	660 - 1340*
Adjustable	5 x	5 x
Overall length L1 x overall width B1 mm	760 x 1240	1070 x 1580
Length of handlebar with pulling eye mm	990**	1120
Weight with JUWathan Professional castors kg	46	104

*other lengths available on request **without pulling eye

HEAVY DUTY TRANSPORT

Tandem trolleys



Weld-on Cone for Container Transport up to 28 ton, Overall Height 180 mm
Twistlock for Container Transport up to 60 ton, Overall Height 330 mm

Your advantages in detail:

- Safe transport of ISO containers.
- Low height for moving containers low to the ground.
- Positive and force-locking connection between trolleys and container (twist lock system) and only positive connection respectively („weld-on cone“ system).

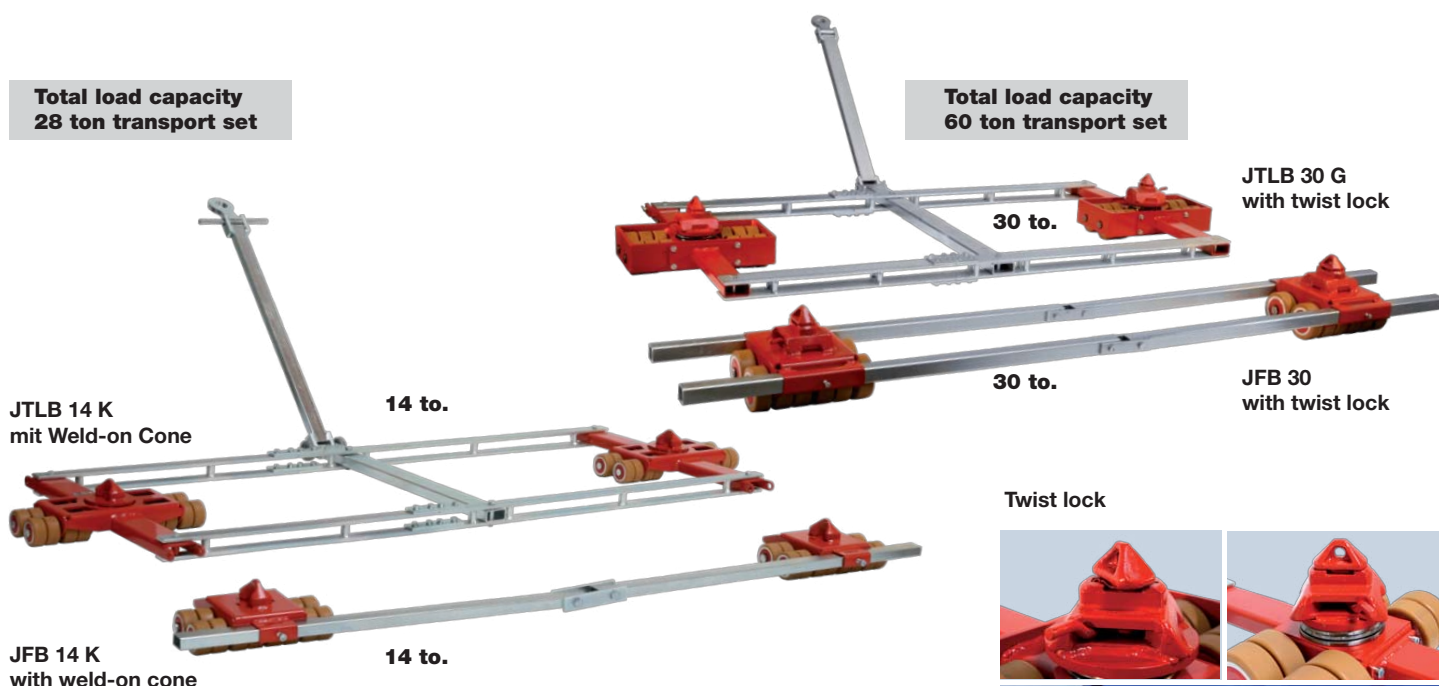
Even more convenient by 2-parts connecting bar

- **Weld-on cone version** with 2 modified turntables and cassettes with container receptacles, not lockable, and lengthened connecting bars (2.26 m) suitable for ISO containers instead of the standard connecting bars.
- Delivery includes tandem trolleys with 2 draw bars with towing eyes.

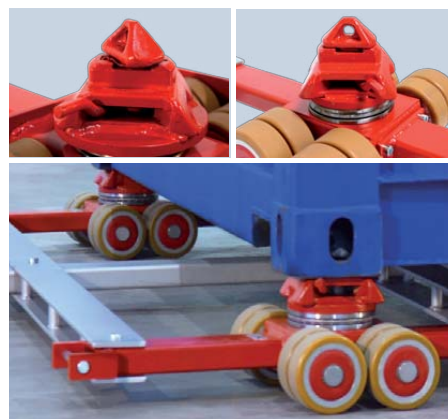
- Lockable **twist lock** version with 2 modified turntables and cassettes and lengthened connecting bars suitable for ISO size (2.26m; not adjustable) instead of standard connecting bars.
- Delivery includes tandem trolleys with 2 draw bars with towing eyes.
- **Option:** A longer connecting bar is available on request.

Total load capacity 28 ton transport set

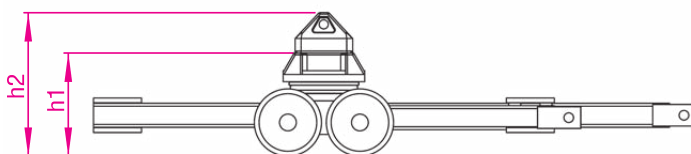
Total load capacity 60 ton transport set



Twist lock



“Weld-on Cone”



“Weld-on cone” system for K series trolleys

Item no.	30101020015003	30101015015008
Type	JTLB 14 K WC	JFB 14 K WC
Load capacity in kg	14000	14000
Overall height h1 in mm	110	110
Overall height h2 in mm	180	180

Twist lock system for G series trolleys

Item no.	30101020015004	30101020035001	30101015015009	30101015015011
Type	JTL 20 G TW	JTL 30 G TW	JFB 20 G TW	JFB 30 G TW
Load capacity in kg	20000	30000	20000	30000
Overall height h1 in mm	215	215	215	215
Overall height h2 in mm	300	300	300	300

HEAVY DUTY TRANSPORT

Tandem trolleys

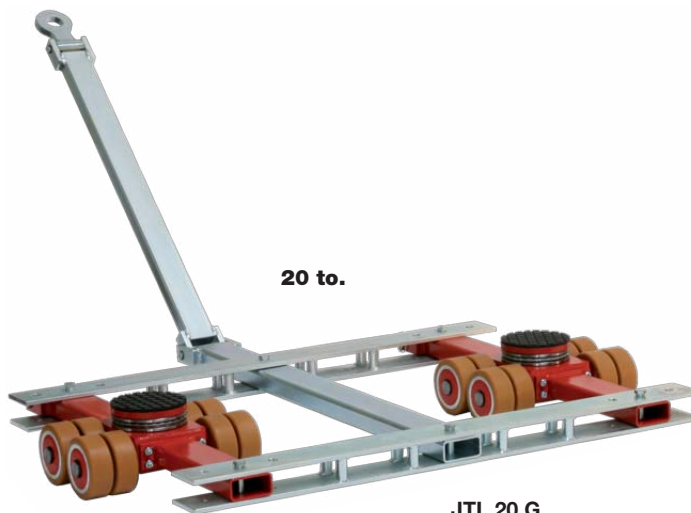
Tandem trolleys Series G Professional, Capacity up to 30 to, Overall Height 180 mm

Your advantages in detail:

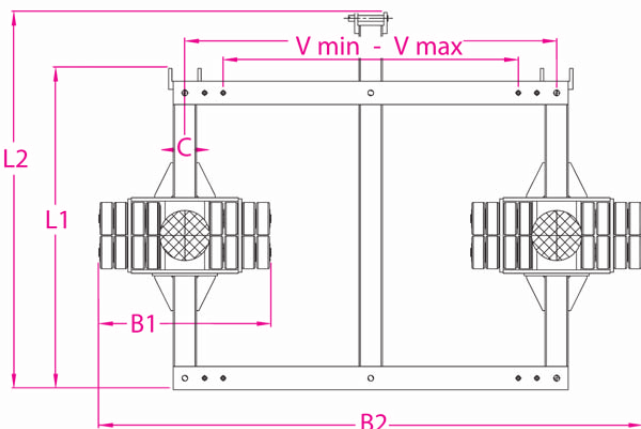
- Excellent running characteristics on uneven ground and yard surfaces due to big roller Ø of 140 mm and width of 59 mm.
- Safe crossing of small ledges and floor-embedded rails
- Multi-purpose use: Can also be used as single trolleys. Without any further accessories the steerable trolleys can be used as single units with half the load capacity.
- Customized versions are possible; other widths or adjustment ranges available. Please contact us for other alignment bar lengths.
- Angle lock of 45° possible



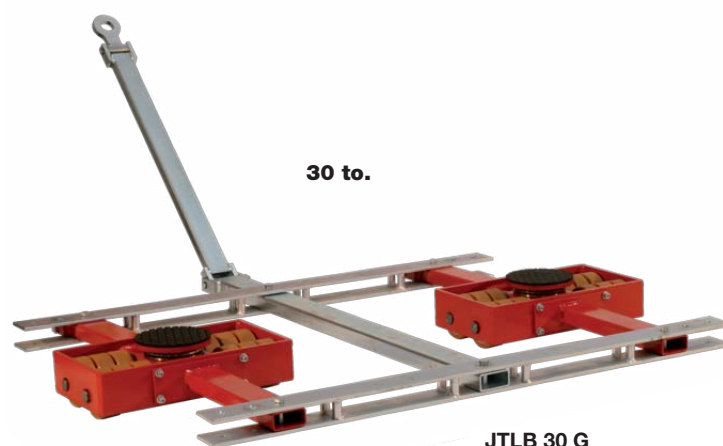
All trolleys are equipped with JUWathan® plus castors. For details see page 593.



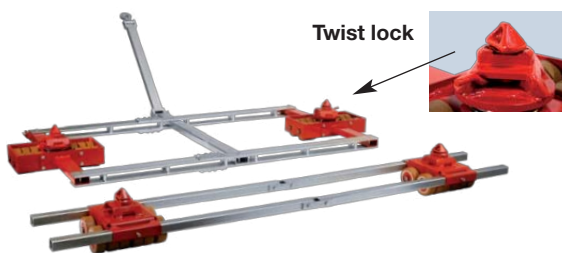
JTL 20 G



Also available with twist lock system for formlocking container transport (see page 599)



JTLB 30 G



Twist lock

Item no.	30101020015006	30101020015007
Type	JTL 20 G Professional	JTLB 30 G Professional
Load capacity kg	20000	30000
Number of castors	16	24
Castor dimensions mm	140 x 59	140 x 59
Overall height mm	180	180
Dimensions L1 x B1 mm	1020 x 440	1328 x 610
Supporting surface of turntable Ø C mm	170	215
Width of track and connection rod mm	1330*	1700*
Adjustable from-to Vmin - Vmax mm	900 - 1230	1270 - 1600
Adjustable	3 x	3 x
Overall length L1 x overall width B1 in mm	1260 x 1670	1620 x 2200
Length of handlebar with pulling eye in mm	1230	1230
Weight with JUWathan plus in kg	168	283

*other lengths available on request

HEAVY DUTY TRANSPORT

Transport trolleys



Adjustable and steerable Transport trolleys Type G, Load Capacity 30-60 ton, Overall Height 180 mm

Your advantages in detail:

- The rollers are mechanically pivoted. Therefore equal load distribution on all wheels and the floor. No elaborated and failure-prone hydraulic compensation needed.
- All transport trolleys are immediately ready for use. The steerable trolley is equipped with a roller bearing turntable and the pictured steering handle.
- Less turning effort with half the roller width and twice the number of rollers. Considerably reduced friction when negotiating curves. The drastically lower friction also provides enhanced directional stability for the trailing axles.
- **The fixed trolleys can be connected with the included alignment bars as pictured below.**



**Total load capacity
60 ton transport set**

Steerable trolley 30 G

30 to.



All trolleys are equipped with JUWathan® plus castors. For details see page 593.



15 to.

Fixed trolley JFB 30 G (adjustable)

15 to.

Item no.	30101010015008	30101015015012	30101010015009	30101015015013	30101010035030	30101015035071	30101010015010	30101020035002
Type	JLB 15 G	JFB 15 G	JLB 20 G	JFB 20 G	JLB 25 G	JFB 25 G	JLB 30 G	JFB 30 G
Load capacity kg	15000	2 x 7500	20000	2 x 10000	25000	2 x 12500	30000	2 x 15000
Number of castors	12	12	16	16	20	20	24	24
Castor dimensions Ø mm	140 x 59	140 x 59	140 x 59	140 x 59	140 x 59	140 x 59	140 x 59	140 x 59
Overall height mm	180	180	180	180	180	180	180	180
Supporting surface per cassette mm		220 x 120		220 x 200		220 x 120		220 x 200
Cassette dimensions mm		460 x 205		460 x 285		460 x 330		460 x 400
Length of connecting bar mm		2 x 1540		2 x 1540		2 x 1540		2 x 1540
Cassettes adjustable from - to mm		415 - 1300		475 - 1300		530 - 1300		530 - 1300
Supporting surface of turntable Ø mm	215		215		215		215	
Dimensions of steerable trolleys mm	565 x 610		565 x 741		590 x 890		565 x 995	
Length of handlebar with pulling eye mm	1230		1230		1480		1480	
Weight with JUWathan plus kg	90	82	96	88	128	86	135	113

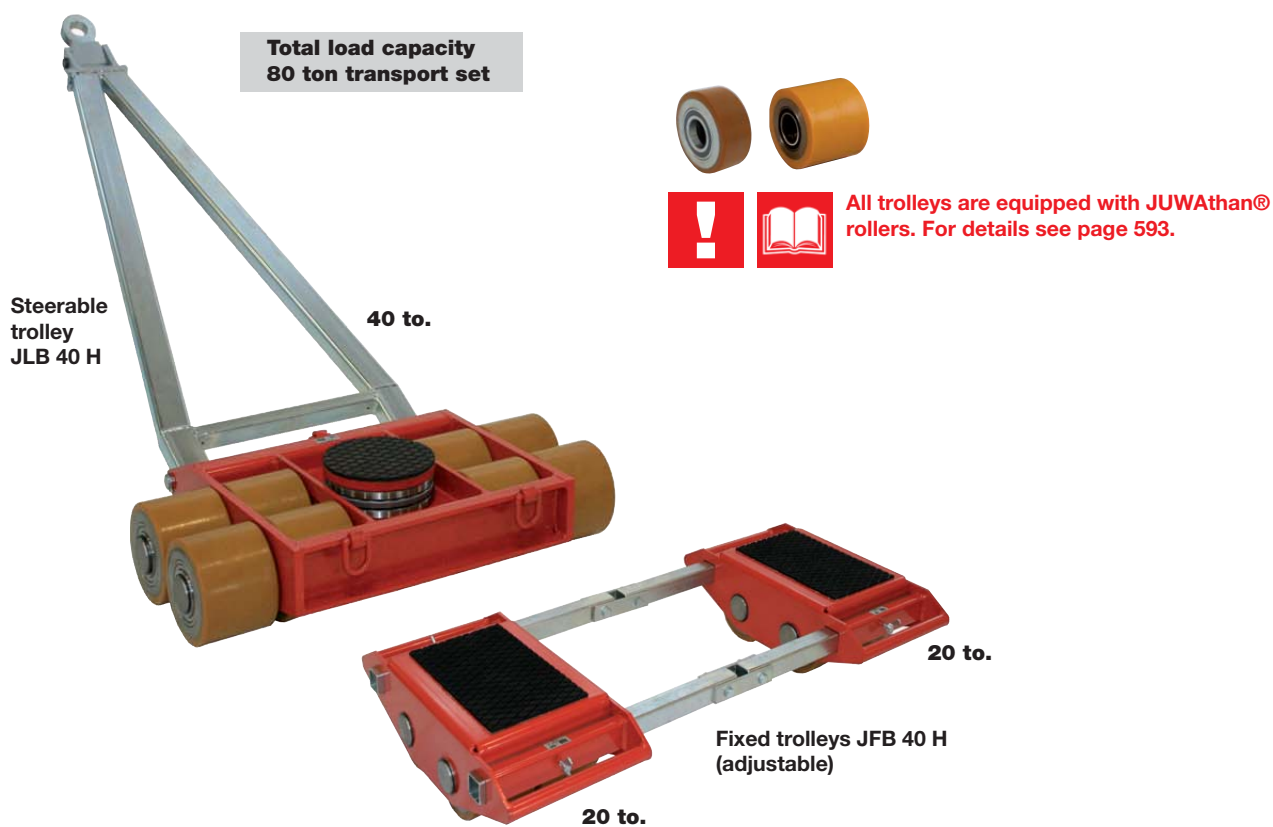
HEAVY DUTY TRANSPORT

Transport trolleys

Adjustable and steerable Transport trolleys Type H, Load Capacity 80-120 ton, Overall Height 230 mm

Your advantages in detail:

- In comparison to the capacity unequalled compact and lightweight construction.
- Mechanically pivoted rollers for equal load distribution on all wheels and the floor.
- All transport trolleys are immediately ready for use.
- The steerable trolley is equipped with a roller bearing turntable and a drawbar.
- The fixed trolleys can be connected with the included alignment bars.



Item no.	30101010015011	30101015015015	30101010015012	30101015015016
Type	JLB 40 H	JFB 40 H	JLB 60 H	JFB 60 H
Load capacity kg	40000	40000	60000	60000
Number of castors/twin castors	8	8	8/8	8/8
Castor/twin castor dimensions Ø x l mm	200 x 170	200 x 170	200 x 170 / 85	200 x 170 / 85
Overall height mm	230	230	230	230
Supporting surface per cassette mm		395 x 260		395 x 260
Cassette dimensions mm		740 x 395		740 x 580
Length of connecting bar with joint mm		2 x 1540		2 x 1540
Cassettes adjustable from - to mm		585-1155		700- 2800
Supporting surface of turntable Ø mm	250		250	
Dimensions of steerable trolleys mm	650 x 1060		650 x 1400	
Length of handlebar with pulling eye mm	1590		1590	
Weight with JUWathan in kg	320	289	450	410

HEAVY DUTY TRANSPORT

Transport trolleys



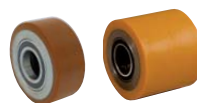
Transport trolleys Type H, Load Capacity 160 ton, Overall Height 240 mm

Your advantages in detail:

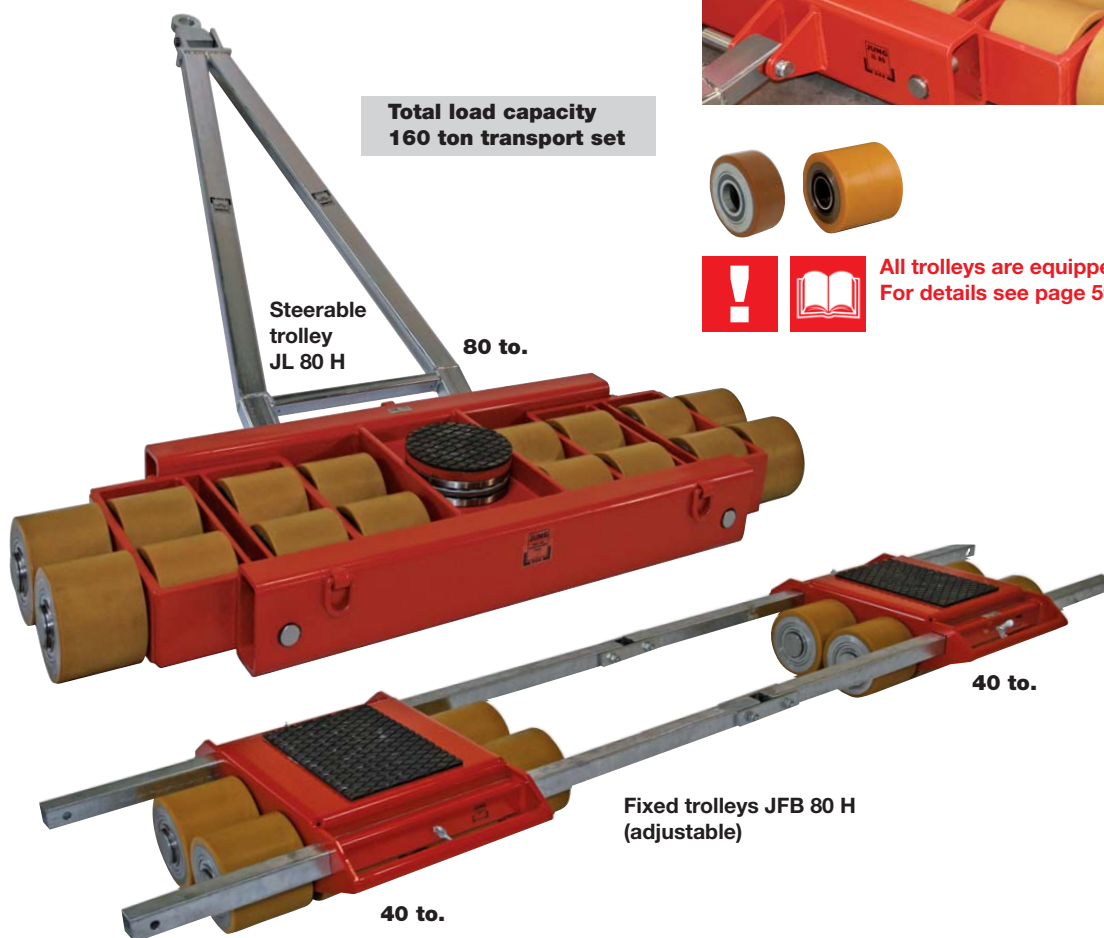
- In comparison to the capacity unequalled compact and lightweight construction.
- Mechanically pivoted rollers for equal load distribution on all wheels and the floor.
- All transport trolleys are immediately ready for use.
- The steerable trolley is equipped with a roller bearing turntable and a drawbar.
- The fixed trolleys can be connected with the included alignment bars.



**Total load capacity
160 ton transport set**



All trolleys are equipped with JUWathan® rollers.
For details see page 593.



Steerable
trolley
JL 80 H
80 to.

40 to.

Fixed trolleys JFB 80 H
(adjustable)

40 to.

Item no.	30101010015013	30101015015017	30101015015018
Type	JL 80 H	JFB 80 H	JFB 120 H
Load capacity kg	80000	80000	120000
Number of castors	16	16	24
Castor/twin castor dimensions Ø x l mm	200 x 170	200 x 170	200 x 170
Overall height mm	240	240	240
Supporting surface per cassette mm		400 x 260	440 x 300
Cassette dimensions L2 x B2 mm		750 x 820	960 x 830
Length of connecting bar with joint mm		2 x 3000	2 x 3000
Cassettes adjustable from - to mm		1630 - 3380	1630 - 3380
Supporting surface of turntable Ø mm	250		
Dimensions of steerable trolleys mm	820 x 1900		
Length of handlebar with pulling eye in mm	1590		
Weight with JUWathan in kg	723	565	815

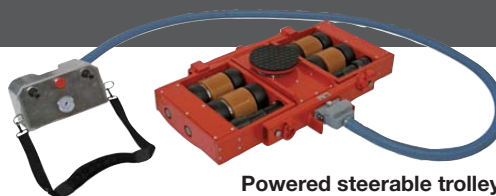
HEAVY DUTY TRANSPORT

Transport trolleys

Air-Powered trolley JLA-p Set 3 (15/30 G), Load Capacity 15 ton, Pulling Capacity 30 ton, Overall Height 180 mm

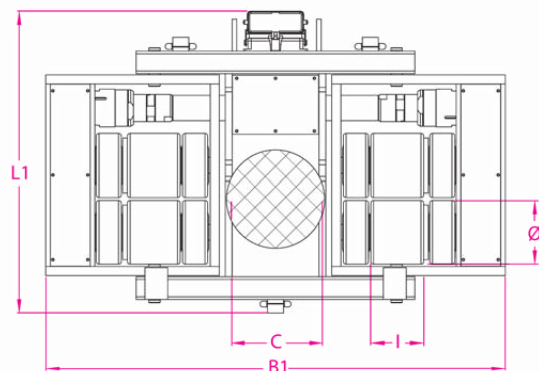
Your advantages in detail:

- Quick set up. Connect air supply hose and go
- No need for tugger
- Low maintenance propulsion system
- All hoses are detachable for compact and easy transport
- 360° rotatable
- No electric power needed
- Requires standard shop air connection with 8 bar (116 psi) and air volume of 1500 L/min (25 L/s) or (53 SCFM)
- Infinitely variable speed and direction
- Compatible with G-series transport trolleys



Powered steerable trolley JLA-p 15/30 G

Arrange a presentation appointment



Scope of delivery of JLA-p Set 3:

- JLA-p 15/30 G includes control unit
- Hose cart complete with hose reel
- 30 m air supply hose with Ø 19 mm
- 1 Liter oil for pneumatic motors
- 400 ml chain spray
- Transport trolley JFB 15 G

Options:

- All components are also available separately
- Higher load capacities are available on request

Type	Load capacity in kg	Pulling capacity in kg	Number of castors	Dimension of castors in mm	Overall height in mm	Supporting surface of turntable Ø C in mm	Dimensions L1 x B1 in mm	Weight in kg	Air consumption / required air pressure	Item no.
JLA-p Set 3	15000	30000	16	140 x 120 / 140 x 59	180	215	650 x 1000	175*	25 L/s / 8 bar constantly	30250000015001

*Without control box

Electric-Powered Trolleys Sets JLA-e 15/30 G and JLA-e 25/50 H

Set 1 contains:

- JLA-e 15/30 G
- High performance accumulator with pulse charging device
- Remote control with battery, charger and belt holder
- Trolley JFB 15 G

Set 2 contains:

- JLA-e 25/50 H
- High performance accumulator with pulse charging device
- Remote control with battery, charger and belt holder
- Trolley JFB 25 G

Arrange a presentation appointment



Handy remote control



HEAVY DUTY TRANSPORT



Please see our comprehensive hydraulics catalogue



Simply place an order at www.carlstahl-lifting.com

► Cylinders



► Pumps



► System components



► Lifting devices



► Torque tools



► Pressurising cylinders



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► Stripper sets



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► Tools



► Toughlift lifting system for 50/100/150 and 200 tons



► Heavy duty lifting and transport



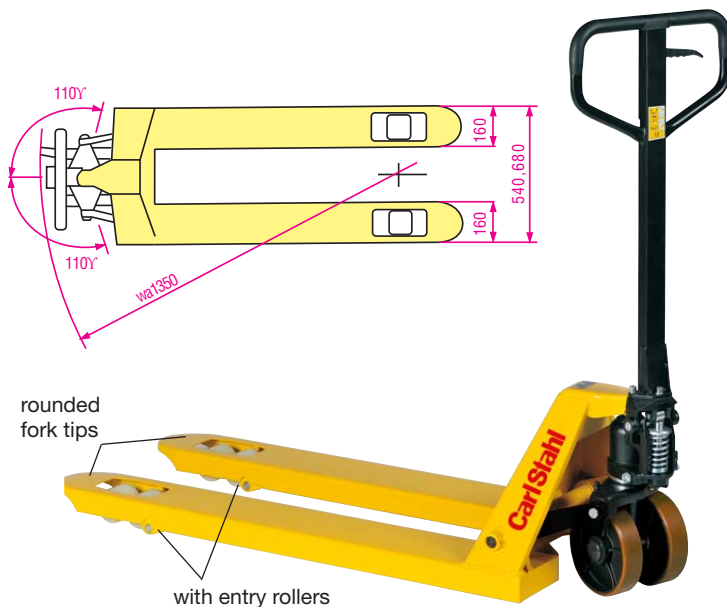
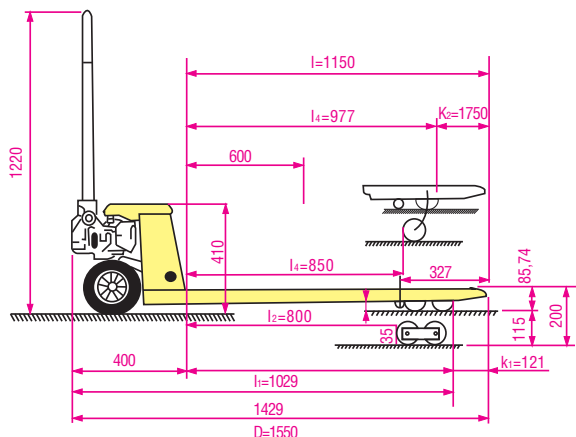
INDUSTRIAL TRUCKS

Hand pallet trucks

Hand Pallet Truck „Made in Europe“

Load capacity 2,500 kg

Steering wheels of abrasion-resistant polyurethane
Tandem load rollers of Polyamide



 Design modifications possible

rounded
fork tips
with entry rollers

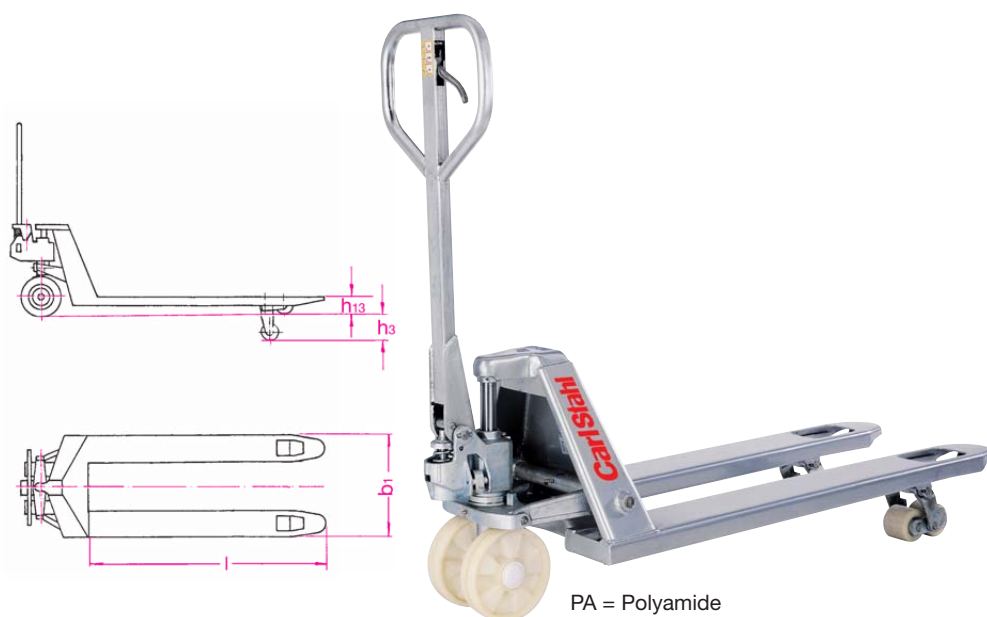
Load capacity n kg	Lifting height in mm	Steering wheels Ø in mm	Load rollers Ø in mm	Weight in kg/pce	Item no.
2500	85 x 200	200 x 50	80 x 70	68	30151000015012

Hand Pallet Truck in Galvanised Version

Load capacity 2,500 kg

The ideal pallet truck for use in corrosive environments of the chemical or food industry.

- Ergonomic safety handle bar for one-hand control of lifting, driving and lowering.
- Low-maintenance high-performance hydraulic pump with hard-chrome plated piston and overload protection.
- Hot-dip galvanised frame with a coat thickness of 100 µm, cold galvanised draw bar and pump housing, stainless steel running gear, ball bearings and axles guarantee for a high chemical resistance.
- Easy handling also in confined spaces, angle lock of 105° to both sides.



PA = Polyamide

Type	Load capacity in kg	Lifting Height h3 in mm	Height, lowered h13 in mm	Fork length l in mm	Fork width b1 in mm	Steering wheels Ø in mm	Load rollers Ø in mm	Weight in kg/pce	Item no.
CS HU 25-115 GAL	2500	115	85	1150	160	200 x 50 PA	82 x 70 PA	86	30151000015013

INDUSTRIAL TRUCKS

Hand pallet trucks



Hand Pallet Trucks with special Fork Lengths and higher Load Capacities

- Ergonomic safety handle bar for one-hand control of lifting, driving and lowering.
- Rubber-lined hand grips for safe handling.
- Low-maintenance high-performance hydraulic pump with hard-chrome plated piston and overload protection.
- Frame and forks in robust steel construction, adjustable driving rod, specially hardened axles and the high-quality powder coat guarantee for a long service life of the pallet truck.
- Fork lengths from 800 to 3,000 mm are available.
- Easy handling also in confined spaces, angle lock of 105° to both sides.

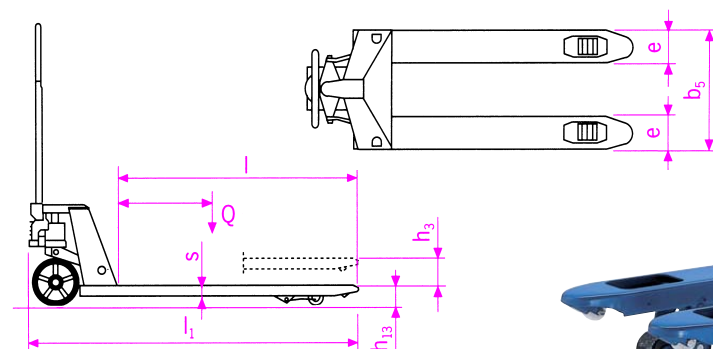
Load capacity 2,000 - 3,500 kg

For professional transport of palettised goods and lattice boxes even under demanding conditions.

The CS models are available with fork lengths from 800 mm to 3,000 mm.

Option:

- Drive and parking brake



Special fork length pallet trucks

VG = Solid rubber, PUR = Polyurethane

Item no.	30151000015001	30151000015002	30151000015003	30151000015004	30151000015005	30151000015006	30151000015007	30151000015008
Type	CS 25-80 TP	CS 25-90 TP	CS 25-100 TP	CS 25-130 TP	CS 30-150 TP	CS 35-180 TP	CS 35-200 TP	CS20-250 TP
Load capacity in kg	2500	2500	2500	2500	3000	3500	3500	2000
Steering wheels / Load rollers	VG / PUR	VG / PUR	VG / PUR	VG / PUR	PUR / PUR	PUR / PUR	PUR / PUR	PUR / PUR
Lifting height (h3) in mm	115	115	115	115	115	115	115	115
Height, lowered (h13) in mm	85	85	85	85	85	85	85	85
Overall length (l1) in mm	1185	1285	1385	1685	1885	2185	2385	2885
Fork prong length in mm	800	900	1000	1300	1500	1800	2000	2500
Overall width (b5) in mm	540	540	540	540	540	550	550	550
Weight in kg	71	76	81	96	106	108	129	275

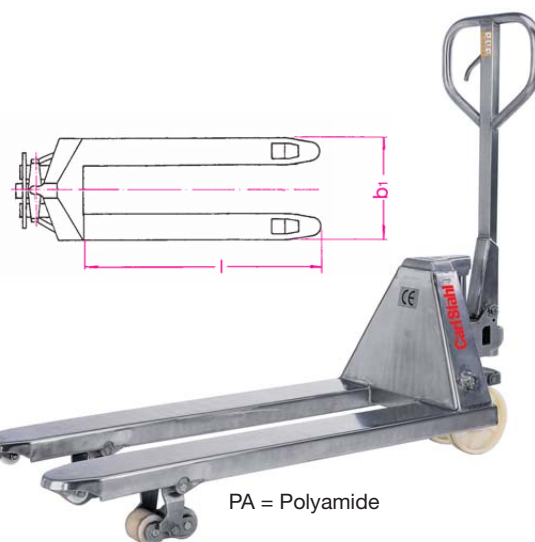
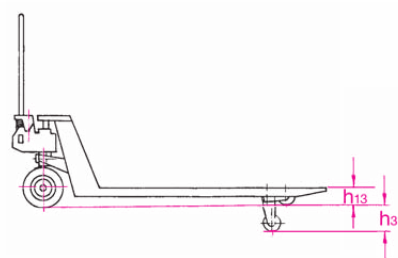
Stainless Steel Hand Pallet Truck Type CS 20-115 VATP

Load capacity 2,000 kg

Pallet truck for use in all corrosive environments of the chemical and food industry.



Stainless steel lasts longer!



PA = Polyamide

- Ergonomic safety handle bar for single-hand operation of lifting, driving and lowering.
- Low-maintenance high-performance hydraulic pump with hard chromium plated rod and overload protection. Pump housing made from stainless steel V4A-316.
- Body, adjustable handle bar, bolt and torque tube are manufactured from high-quality stainless steel V4A-316.
- Easy handling, even in confined spaces, thanks to an angle lock of 105°.

Load capacity in kg	Steering wheels Ø in mm	Load rollers Ø in mm	Dimensions in mm								Weight in kg/pce	Item no.
			h3	h13	l1	s	e	l	b5			
2000	200 x 50	82 x 70	115	85	1200	50	160	1150	540	86	30151000015010	

INDUSTRIAL TRUCKS

Hand pallet trucks

Scissor Pallet Truck Type CS HS 10 B, Type CS ES 10 B

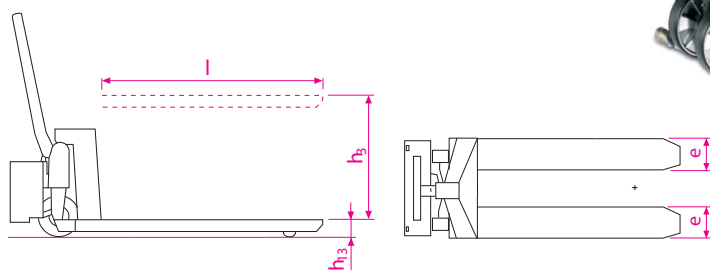
Load capacity 1,000 kg
Max. fork height 800 mm

A combination of pallet truck and lifting table for transport and lifting of palletized loads, allowing flexible heights in production, assembly and shipping.

- Safety handle bar with the following functions:
Quick lift - Lifting - Lowering.
- Sensitive lowering of the load due to adjustable lowering speed.
- Extremely robust due to single-stage hydraulics.
- Quick lift up to 250 kg.
- Overload protection with safety valve.
- Safety supports for improved stability with raised forks.
- Low-noise and smooth running due to polyurethane tyres (PUR) on steering wheels and load rollers.



Scope of delivery:
battery and charger



- Ergonomic control pad for hydraulic unit, integrated in the head of the handle bar.
- In case of battery failure lifting and lowering is still possible by hand.
- Quick lifting of the load with the electrically powered hydraulic pump, overload protection by safety valve.
- Low-noise and smooth running due to polyurethane tyres on steering wheels and load rollers.
- Additional tilt protection on load rollers.

Model CS HU ES 10 B

Expands the performance characteristics of the HU HS 10 B by time-saving electrical operation in case of frequent lifting and lowering.

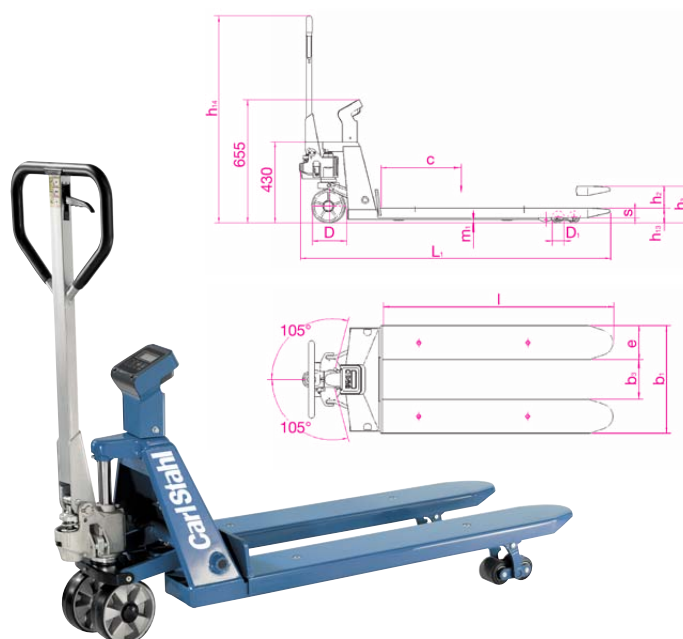
Type	Load capacity in kg	Lifting h. h3 in mm	Height, lowered h13 in mm	Fork length l in mm	Fork width e in mm	Steering wheels Ø in mm	Load rollers Ø in mm	Weight in kg/pce	Item no.
CS HU HS 10B	1000	715	85	1150	160	200 x 50 PUR	78 x 60 PUR	140	30152000015001
CS HU ES 10B	1000	715	85	1150	160	200 x 50 PUR	78 x 60 PUR	167	30152000015002

Pallet Truck with Scale Type CS HU W-20 S

Load capacity 2,000 kg

For transport and weighing of palletised goods and lattice boxes

- Ergonomic safety handle bar for one-hand control of lifting, driving and lowering.
- Rubber-lined hand grips for safe handling.
- Low-maintenance high-performance hydraulic pump with hard-chrome plated piston and overload protection.
- Frame and forks in robust steel construction, adjustable driving rod, specially hardened axles and the high-quality powder coat guarantee for a long service life of the pallet truck.
- Easy handling also in confined spaces, angle lock of 105° to both sides.
- Weighing range from 0 to 2,000 kg in 1 kg-steps.
- Easy to read LCD display.
- Accuracy +/- 0.25% of result.
- Minimum value 1.0 kg.
- System is factory-calibrated.
- Suitable for simple weighing procedures like dispensing or filling.
- Delivery with batteries 4 x 1.5 V (sufficient for approx. 3,000 weighings)



Type	Load capacity in kg	Steering wheels PU Ø in mm	Load rollers PA Ø in mm	Dimensions in mm								Weight in kg/pce	Item no.
				Lifting h. h3	h13	h14	l1	s	e	l	b5		
CS HU W-20 S	2000	180 x 50	74 x 70	195	85	1210	1580	50	180	1150	570	135	30151000015011

INDUSTRIAL TRUCKS

Hand pallet trucks

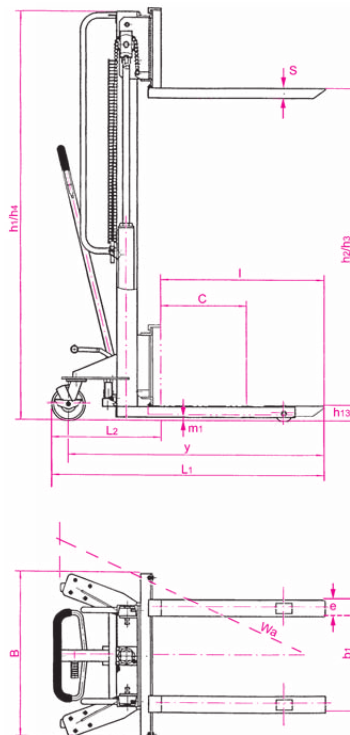


Manual Stacker with hand-hydraulic Lift Type CS HV 0516

Load capacity 500 kg

For occasional in-plant use for lifting and transport of goods, loading and unloading of shelves or trucks.

- Ergonomic safety handle bar for one-hand control of lifting, driving and lowering.
- Lateral hand grips for easy movement of the stacker.
- Sensitive lowering of the load due to adjustable lowering speed.
- Single-acting hand pump with big lift per lever movement.
- Robust chassis with 2 each load rollers and steering wheels, with parking brake on one steering wheel.
- Parking brake on one steering wheel.
- Please contact us for technical details.
- Fork lengths from 270 mm to 810 mm are available.



PA = Polyamide

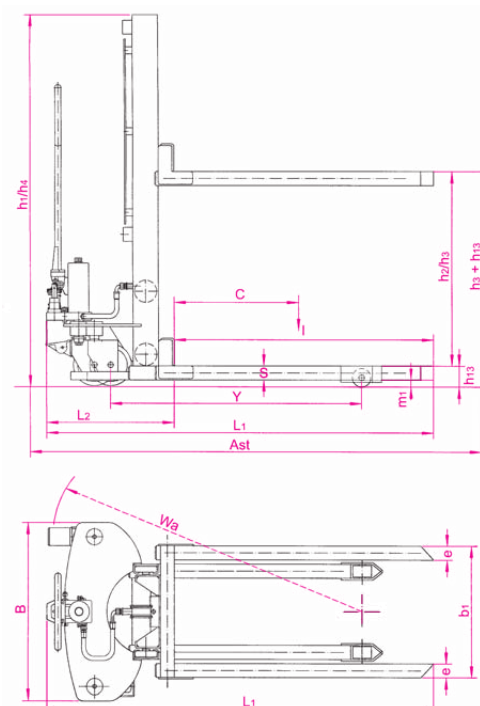
Type	Load capacity in kg	Steering wheels Ø in mm	Load rollers Ø in mm	Lifting h. h3 in mm	Overall height of frame h4 in mm	Overall length l1 in mm	Weight in kg/pce	Item no.
CS HV 0516	500	150 x 40 PUR	80 x 35 PA	1520	2000	1750	217	30151500015001

Manual Stacker with hand-hydraulic Lift Types CS HV 1008 and HV 1016

Load capacity 1,000 kg

For occasional in-plant use for lifting and transport of goods, loading and unloading of shelves or trucks.

- Ergonomic safety handle bar for one-hand control of lifting, driving and lowering
- Forced steering of the steering wheels for easy movement of the stacker
- Sensitive lowering of the load due to adjustable lowering speed
- Single-acting hand pump with big lift per lever movement
- Quick lift for loads up to 100 kg
- Robust design with hard chromated piston rod
- Parking brake on one steering wheel
- Please contact us for technical details



PA = Polyamide

Type	Load capacity in kg	Steering wheels Ø in mm	Load rollers Ø in mm	Lifting h. h3 in mm	Overall height of frame h4 in mm	Overall length l1 in mm	Weight in kg/pce	Item no.
CS HV 1008	1000	180 x 50 PUR	80 x 55 PA	810	1300	1675	179	30151500015002
CS HV 1016	1000	180 x 50 PUR	80 x 55 PA	1510	1965	1675	205	30151500015003

FORK EXTENSIONS

Fork extensions

Fork Extension without Coating

Ideal fork extension for lifting and transporting loads

- stable steel construction, 8 mm wall thickness
- low dead weight
- fork arms can be inserted quickly and easily
- without any tools it can simply be slid over the prong
- secured by bolt and pin
- surface painted in RAL 2000 yellow-orange (standard) or RAL 7021 black-grey



open bottom version

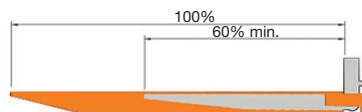


closed all around version



secured by bolt and pin

! Please note:
For structural reasons, the fork arm length must be at least 60% of the total extension!



GO-Standard, open bottom, without coating

	Suitable for prong profiles	Dimensions	Item no.	Item no.	Item no.
	W x H (mm)	W x H (mm)	L = 1.6 m	L = 1.8 m	L = 2.0 m
	80 x 40	106 x 48	25302210015001	25302210015002	25302210015003
	100 x 40	128 x 48	25302210015004	25302210015005	25302210015006
	100 x 45	128 x 53	25302210015007	25302210015008	25302210015009
	100 x 50	128 x 58	25302210015010	25302210015011	25302210015012
	120 x 40	148 x 48	25302210015013	25302210015014	25302210015015
	120 x 50	148 x 58	25302210015016	25302210015017	25302210015018
	125 x 45	153 x 53	25302210015019	25302210015020	25302210015021
	125 x 50	153 x 58	25302210015022	25302210015023	25302210015024
	150 x 50	181 x 58	25302210015025	25302210015026	25302210015027
	150 x 70	181 x 78	25302210015028	25302210015029	25302210015030

GG-Standard, closed all around, without coating

Closed version also suitable for loads that are outside the basic fork arms

	Suitable for prong profiles	Dimensions	Item no.	Item no.	Item no.
	W x H (mm)	W x H (mm)	L = 1.6 m	L = 1.8 m	L = 2.0 m
	80 x 40	106 x 66	25302210015031	25302210015032	25302210015033
	100 x 40	128 x 66	25302210015034	25302210015035	25302210015036
	100 x 45	128 x 71	25302210015037	25302210015038	25302210015039
	100 x 50	128 x 76	25302210015040	25302210015041	25302210015042
	120 x 40	148 x 66	25302210015043	25302210015044	25302210015045
	120 x 50	148 x 76	25302210015046	25302210015047	25302210015048
	125 x 45	153 x 71	25302210015049	25302210015050	25302210015051
	125 x 50	153 x 76	25302210015052	25302210015053	25302210015054
	150 x 50	181 x 76	25302210015055	25302210015056	25302210015057
	150 x 70	181 x 96	25302210015058	25302210015059	25302210015060

Other dimensions on request.

! The maximum allowable extension length = existing fork length x 1.65! e.g. Fork length 1,200 mm; Extension length max. 2,000 mm

FORK EXTENSIONS

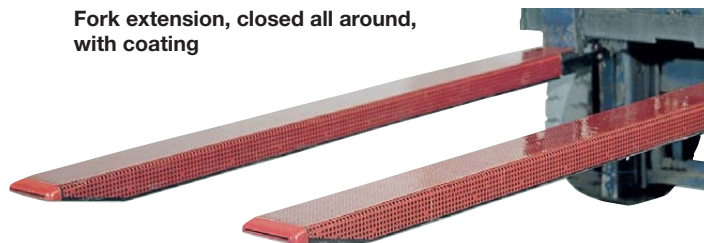
Fork extensions



Fork Extension with Coating

Special extension of the fork for any use in fields, where the prongs have to be protected against intruding dirt. If required, the tool can be supplied with a secutex-coating. The secutex-coating is particularly robust and resistant, poor of noise and antiskid. Without any tools it can be slid over the prong and is secured by bolt and pin.

Fork extension, closed all around, with coating



! The maximum allowable extension length = existing fork length x 1.65!
e.g. Fork length 1,200 mm; Extension length max. 2,000 mm

secutex-GVO-Standard, open bottom, top side with secutex coating

Suitable for prong profiles W x H (mm)	Item no.	Item no.	Item no.	Item no.
	L = 1.2 m	L = 1.4 m	L = 1.6 m	L = 1.8 m
80 x 30, 80 x 35, 80 x 40	25302210015061	25302210015062	25302210015063	25302210015064
100 x 30, 100 x 35, 100 x 40	25302210015065	25302210015066	25302210015067	25302210015068
100 x 45, 100 x 50	25302210015069	25302210015070	25302210015071	25302210015072
120 x 40	25302210015073	25302210015074	25302210015075	25302210015076
125 x 40, 125 x 45, 120 x 50	25302210015077	25302210015078	25302210015079	25302210015080

secutex-GVG-Standard, closed all around, top side with secutex coating

Suitable for prong profiles W x H (mm)	Item no.	Item no.	Item no.	Item no.
	L = 1.2 m	L = 1.4 m	L = 1.6 m	L = 1.8 m
80 x 30, 80 x 35	25302210015082	25302210015083	25302210015084	25302210015085
100 x 30, 100 x 35, 100 x 40	25302210015086	25302210015087	25302210015088	25302210015089
100 x 45	25302210015090	25302210015091	25302210015092	25302210015093
120 x 40, 120 x 45, 120 x 50	25302210015094	25302210015095	25302210015096	25302210015097
125 x 50	25302210015098	25302210015099	25302210015100	25302210015101

secutex Fork Protection SZ-S

secutex fork protection shoe (detachable)

This is a special version within the **secutex** range of impact protection for use with **forklift prongs**.

- secutex protects the load
- secutex prevents the load from slipping
- secutex is sound absorbing

Width in mm	Item no.
80	25302210015102
100	25302210015103
120	25302210015104

Other dimensions on request.

! Special runs in different materials on request!
Permanent fork arm coating on request.



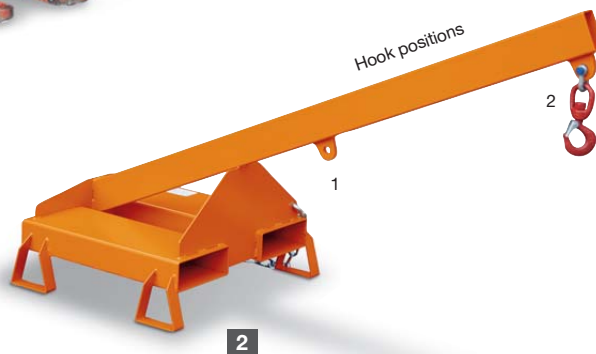
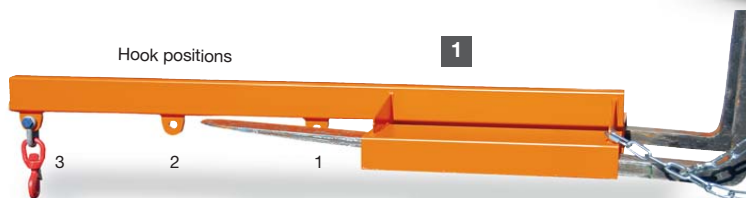
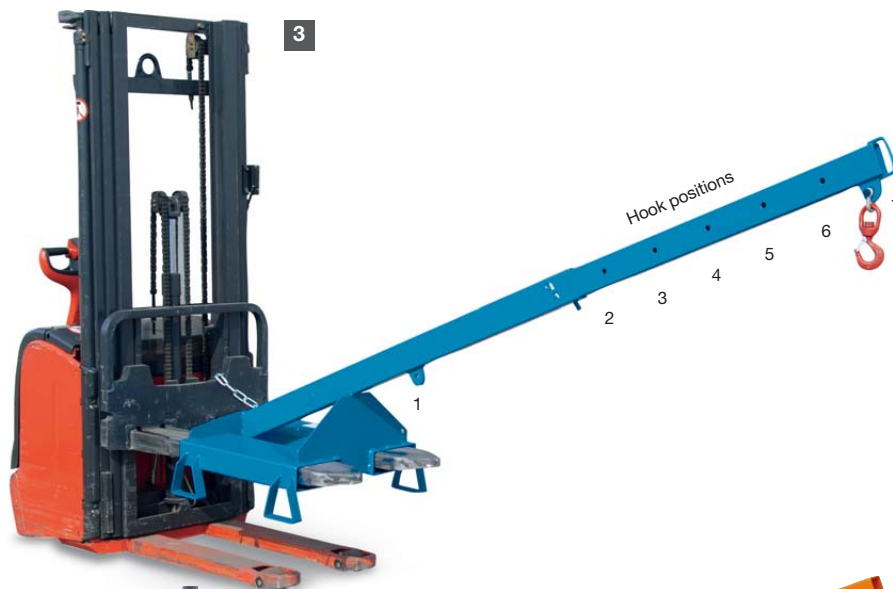
FORK ATTACHMENTS

Crane Arms

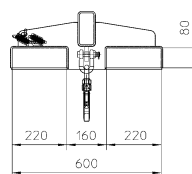
Crane Arms - to extend the Reach of your Forklift Truck

- Extends the reach of your forklift
- Telescopic arm held by forks
- Safety chain to prevent accidental slipping
- Surface varnished orange RAL 2000, red RAL 3000, blue RAL 5021, green RAL 6011, grey RAL 7005, hot-dip galvanised acc. to EN ISO 1461

- 1** Rigid arm, without gradient
 - 3 lifting points for swivel load hooks
- 2** Rigid arm, with gradient
 - Incline 25°
 - With support feet, therefore also suitable for cantilever forklifts, ground clearance 100 mm
- 3** Telescopic arm
 - 2 lifting points for swivel load hooks
 - Each position secured with bolt
 - Incline 25°
 - With support feet, therefore also suitable for cantilever forklifts, ground clearance 100 mm
 - 2 lifting points for swivel load hooks



Type	Basic length	Hook position	not telescoping			telescoping			
			1	2	3	4	5	6	7
1	1600	Distance mm	780	1165	1550				
		Capacity kg	1000	350	200				
1	2400	Distance mm	780	1565	2350				
		Capacity kg	1000	200	100				
1	1600	Distance mm	780	1165	1550				
		Capacity kg	2500	850	500				
1	2400	Distance mm	780	1565	2350				
		Capacity kg	2500	500	250				
1	1600	Distance mm	780	1165	1550				
		Capacity kg	5000	1700	1000				
1	2400	Distance mm	780	1565	2350				
		Capacity kg	5000	1000	500				
2	1600	Distance mm	875	1600					
		Capacity kg	1000	300					
3	1600	Distance mm	875	1600	1780	1960	2140	2320	2500
		Capacity kg	1000	300	225	200	175	150	125



Inner dimensions of forklift pockets

Type	1 fixed not telescopable				2 Incline 25°		3 Incline 25° not telescopable	
	1600	2400	1600	2400	1600	2400	1600	1600
Basic length in mm	1600	2400	1600	2400	1600	2400	1600	1600
Load capacity max. in kg	1000	1000	2500	2500	5000	5000	1000	1000
Weight varnished /galvanised kg/pce	42/45	49/53	73/79	88/95	104/112	124/134	47/51	55/61
Item no. RAL 2000	25302215015001	25302215015002	25302215015003	25302215015004	25302215015005	25302215015006	25302215015013	25302215015015
Item no. hot-dip galvanised	25302215015007	25302215015008	25302215015009	25302215015010	25302215015011	25302215015012	25302215015014	25302215015016

! Without indication of requested colour, we will deliver in yellow orange RAL 2000.
Please note the forklift's load capacity!

FORK ATTACHMENTS

Telescopic Crane Arms



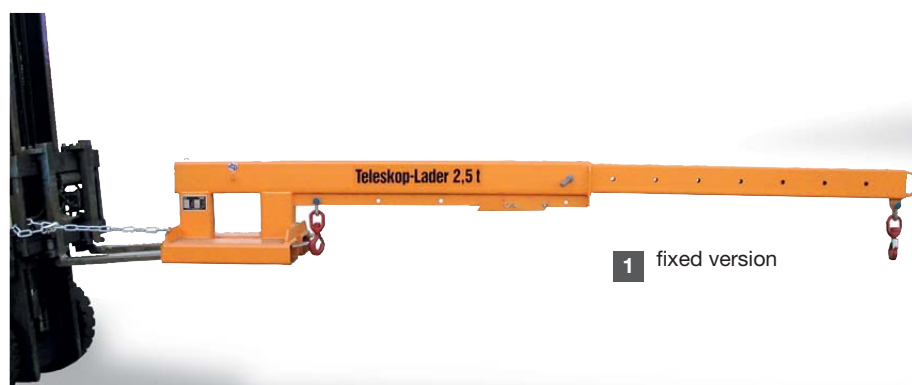
Telescopic Crane Arm Type KT (fixed), Type KTH (height-adjustable)

- Interior boom, adjustable in 8 steps
- Each position secured by locking pin
- Extends the reach of your forklift
- With 2 safety swivel hooks as standard
- Optionally with or without gradient adjustment 15°/30°/45°
- End position secured to prevent extraction
- 14 hook positions
- Telescopic arm held by forks
- Securing chain against unintentional slipping
- Surface varnished orange RAL 2000, red RAL 3000, blue RAL 5021, green RAL 6011, grey RAL 7005 or hot-dip galvanised acc. to EN ISO 1461

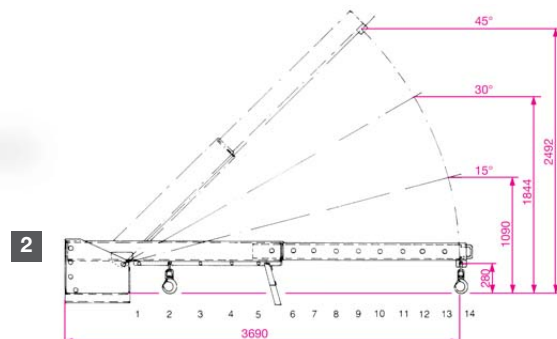
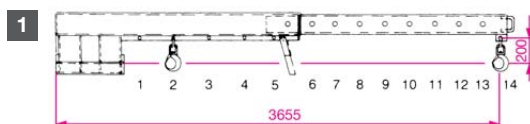
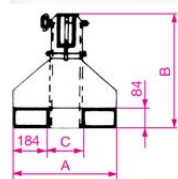


1 KT fixed version

2 KTH height-adjustable in 3 steps



1 fixed version



Hook positions	Version	not telescoping						telescoping							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
1 KT	Distance mm	710	1000	1290	1590	1870	2055	2255	2455	2655	2855	3055	3255	3455	3655
	Capacity kg	2500	2500	2500	1800	1400	1200	1050	950	850	770	700	650	600	560
	Capacity kg	5000	3550	2750	2250	1950	1700	1550	1400	1300	1200	1150	1050	1000	950
2 KTH	Distance mm	695	990	1285	1580	1825	2090	2290	2490	2690	2890	3090	3290	3490	3690
	Capacity kg	2500	2500	2500	1800	1400	1200	1050	950	850	770	700	650	600	560
	Capacity kg	5000	3550	2750	2250	1950	1700	1550	1400	1300	1200	1150	1050	1000	950

Type	1 fixed KT		2 height-adjustable KTH	
Basic length in mm	3655	3655	3690	3690
Load capacity max. in kg	2500	5000	2500	5000
Weight varnished/galvanised kg/pce	175/192	195/214	218/239	250/271
Dimensions L x W x H in mm	2160 x 490 x 480	2160 x 500 x 525	2210 x 540 x 555	2210 x 550 x 600
Inside dim. fork pocket A x B x C in mm	106 x 184 x 84	116 x 184 x 84	156 x 184 x 84	166 x 184 x 84
Item no. RAL 2000	25302215015017	25302215015019	25302215015021	25302215015023
Item no. hot-dip galvanised	25302215015018	25302215015020	25302215015022	25302215015024

Without indication of requested colour, we will deliver in yellow orange RAL 2000.
Please note the forklift's load capacity!

FORK ATTACHMENTS

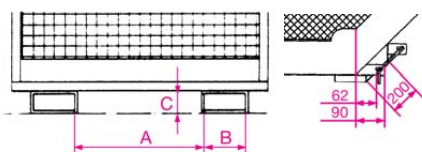
Safety Cages

Safety Cage Type SIKO-M

- Sturdy round pipe construction
- Non-slip working platform
- Permitted for 2 persons
- Through fork pockets with safety mechanism to prevent slipping
- German TÜV approved, complies with German Accident Prevention Regulations UVV
- Underrun protection ensures pick-up only through fork pockets
- Galvanised tool tray
- Surface varnished orange RAL 2000



Fork pocket dimensions



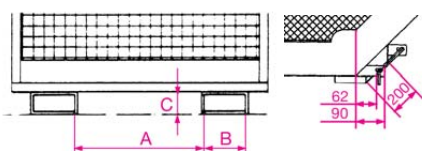
Type	Dimensions L x W x H in mm	Platform area in mm	Perm. total weight in kg	Weight in kg/pce	Fork pocket dim. A x B x C in mm	Item no.
SIKO-M	1040 x 835 x 1895	740 x 740	240	54	280 x 200 x 80	25302220015014

Safety Cage Type SIKO and SIKO/L

- Sturdy round pipe construction
- Non-slip working platform
- Permitted for 2 persons
- Through fork pockets with safety mechanism to prevent slipping
- German TÜV approved, complies with German Accident Prevention Regulations UVV
- Underrun protection ensures pick-up only through fork pockets
- Galvanised tool tray
- Surface varnished orange RAL 2000



Fork pocket dimensions



Accessories:

- Set consisting of 2 steering + 2 fixed polyamide rollers Ø 180 mm, one steering roller with parking brake, clearance height 220 mm, max. load capacity 1,000 kg

SIKO/L:
Lengthwise pick-up with forklift truck

SIKO:
Crosswise pick-up by forklift truck

Type	Dimensions L x W x H in mm	Platform area in mm	Perm. total weight in kg	Weight in kg/pce	Fork pocket dim. A x B x C in mm	Item no.
SIKO/L	1290 x 800 x 1890	1200 x 800	300	96	160 x 200 x 80	25302220015013
SIKO	1115 x 1200 x 1890	800 x 1200	300	90	600 x 200 x 80	25302220015012

FORK ATTACHMENTS

Access Platforms

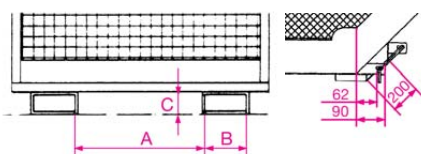


Access Platform Type MB-I

- Suitable for use with pedestrian stackers and forklifts
- Offers safety during maintenance and repair work at heights
- Permitted for 1 person
- Through fork pockets with safety mechanism to prevent slipping
- Galvanised tool tray
- German TÜV approved, acc. to BGV
- 4 support feet
- Surface varnished orange RAL 2000



Fork pocket dimensions



Type	Dimensions L x W x H in mm	Platform area in mm	Perm. total weight in kg	Weight in kg/pce	Fork pocket dim. A x B x C in mm	Item no.
MB-I	775 x 800 x 2050	645 x 650	180	60	165 x 210 x 85	25302220015007

Access Platforms Type MB-D and MB-D/L

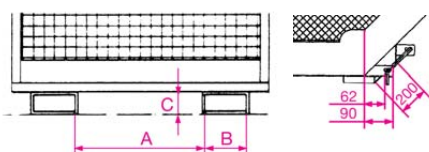
- Approved for 2 persons
- Fork pockets with anti-slip mechanism
- Galvanised tool tray
- German TÜV approved, acc. to BGV
- Surface varnished orange RAL 2000, blue RAL 5012 or hot-dip galvanised acc. to EN ISO 1461

MB-D/L with wheels:
Lengthwise pick-up by forklift truck (wheels are not included but available as accessory)

MB-D:
Crosswise pick-up by forklift truck



Fork pocket dimensions



Accessories:

- 2 steering + 2 fixed polyamide rollers Ø 180 mm, one steering roller with parking brake, clearance height 220 mm, max. load capacity 1,000 kg



! If no colour is specified, we deliver painted in RAL 2000 (yellow orange).

Type	Dimensions L x W x H in mm	Platform area in mm	Perm. total weight in kg	Weight in kg/pce	Fork pocket dim. A x B x C in mm	Item no. RAL 2000	Item no. hot-dip galvanised
MB-D	1115 x 1200 x 1890	800 x 1200	300	120	600 x 200 x 80	25302220015001	25302220015002
MB-D/L	1290 x 800 x 1890	1200 x 800	300	120	160 x 200 x 80	25302220015003	25302220015004

FORK ATTACHMENTS

Access Platforms

Access Platform Type MB-F / MB-K-IV / MB-ST/T

MB-F:

- German TÜV approved, complies with German Accident Prevention Regulations
- Foldable version
- Ready for use in a minute
- Crosswise pick-up by forklift truck



If no colour is specified, we deliver painted in RAL 2000 (yellow orange). On request also available in light blue RAL 5012 or hot-dip galvanized acc. to EN ISO 1461.

MB-K-IV:

- German TÜV approved, complies with German Accident Prevention Regulations
- Acc. to DIN EN 14502-1
- Payload 300 kg
- Support feet, ground clearance 135mm
- With galvanised top
- Supplied with 4-leg chain sling
- For crane operation
- With lifting points for PPE

Accessories:

- Personal protective equipment for the prevention of falls
- Lifting Points

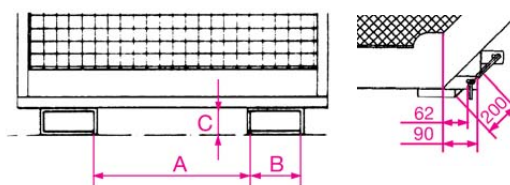


MB-ST/T:

- Two-hand control contact switch, strobe light, cable retractor drum with 8 m electric cable, plug, socket and additional plug, door disconnecting switch
- Crosswise pick-up by forklift truck



Drawings of inside dimensions of fork pockets, not applicable for MB-K-IV



Accessories:

- Personal protective equipment for the prevention of falls
- Lifting Points

Accessories for access platforms (except version MB-K-IV):

2 steering + 2 fixed polyamide rollers Ø 180 mm, one steering roller with parking brake
Clearance height 220 mm



Type	Dimensions L x W x H in mm	Platform area in mm	Permissible total weight in kg	Weight varnished kg/pce	Fork pocket dim. BxC in mm	Fork pocket dim. A in mm	Item no. RAL 2000	Item no. hot-dip galvanised
MB-F	1090 x 1200 x 1890	1000 x 1200	300	120	200x80	600	25302220015006	25302220015005
MB-K-IV	800 x 1200 x 2300	800 x 1200	470	170	-	-	25302220015009	25302220015008
MB-ST/T	1115 x 1200 x 1890	800 x 1200	300	130	200x80	600	25302220015010	25302220015011

FORK ATTACHMENTS

Tipping Containers



Tipping Containers Type Expo

Compact tipping container with roller system

- Low load centre of gravity
- Tipping is possible from the forklift seat at any height by cable pull
- Pan sheet with circumferential edge profile
- Robust base frame with forklift pockets
- Safety mechanism to prevent accidental slipping and tipping out
- Castors can be retrofitted
- Surface varnished orange RAL 2000, red RAL 3000, blue RAL 5021, green RAL 6011, grey RAL 7005 or hot-dip galvanised acc. to EN ISO 1461

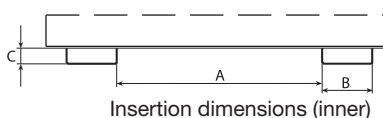


If no colour is specified, we deliver painted in RAL 2000 (yellow orange).



Accessories:

- Castor set comprising 2 steering and 2 fixed castors made from polyamide Ø 180 mm, including one steering castor with arrestor – construction height 220 mm, max. load capacity 1,350 kg



Volume ca. m ³	0.15	0.30	0.60	0.90	1.20	1.70	2.10
Capacity in kg	750	750	1000	1000	1500	1500	1500
Dimensions L x W x H in mm	960 x 640 x 550	1260 x 770 x 835	1260 x 1070 x 835	1260 x 1570 x 835	1720 x 1070 x 1103	1720 x 1570 x 1103	1720 x 1870 x 1103
Inner dimensions of forklift pockets A x B x C in mm	170 x 200 x 80	300 x 200 x 80	600 x 200 x 80	600 x 200 x 80	600 x 200 x 80	600 x 200 x 80	600 x 200 x 80
Weight varnished/galvanised kg/pce	74/80	112/121	131/141	173/190	205/220	240/258	265/285
Item no. varnished	25302225015001	25302225015003	25302225015005	25302225015007	25302225015009	25302225015011	25302225015013
Item no. galvanised	25302225015002	25302225015004	25302225015006	25302225015008	25302225015010	25302225015012	25302225015014

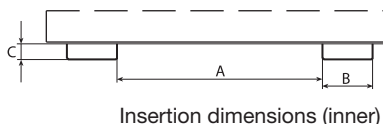
Tipping Containers Type GU

Tipping container with low construction height

- Favourable tipping angle
- Low construction height
- Tipping is possible from the forklift seat at any height by cable pull
- Pan sheet with circumferential edge profile
- Robust base frame with forklift pockets
- Safety mechanism to prevent accidental slipping and tipping out
- Castors can be retrofitted
- Surface varnished orange RAL 2000, red RAL 3000, blue RAL 5021, green RAL 6011, grey RAL 7005 or hot-dip galvanised acc. to EN ISO 1461



If no colour is specified, we deliver painted in RAL 2000 (yellow orange).



Accessories:

- Castor set comprising 2 steering and 2 fixed castors made from polyamide Ø 180 mm, including one steering castor with arrestor – construction height 220 mm, max. load capacity 1,350 kg

Volume ca. m ³	0.30	0.50	0.75	1.00	1.50	2.00
Capacity in kg	750	1000	1000	1500	1500	1500
Dimensions L x W x H in mm	1440 x 680 x 580	1440 x 780 x 680	1440 x 1280 x 680	1640 x 1280 x 780	1640 x 1280 x 1090	1640 x 1680 x 1090
Inner dimensions of forklift pockets A x B x C in mm	12 x 200 x 60	150 x 200 x 60	495 x 200 x 60	495 x 200 x 60	495 x 200 x 60	495 x 200 x 60
Weight varnished/galvanised kg/pce	108/118	121/133	156/171	184/202	215/236	246/271
Item no. varnished	25302225015015	25302225015017	25302225015019	25302225015021	25302225015023	25302225015025
Item no. galvanised	25302225015016	25302225015018	25302225015020	25302225015022	25302225015024	25302225015026

FORK ATTACHMENTS

Flap Bottom Containers

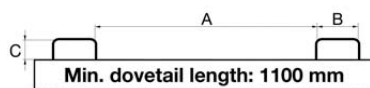
Flap Bottom Containers Type FB

Flap bottom container for collecting, storing and discharging materials

- Robust steel design with smooth interior walls
- Bottom flap can be unlocked by cable pull from the forklift seat
- Rubber shock absorber dampens the sudden dropping of the flap during the emptying process
- Bottom flap closes automatically when the container is placed down
- Safety mechanism to prevent accidental slipping and the opening of the bottom flap
- Brackets for forklifts and cranes
- 100 mm ground clearance – transportable with pallet truck
- 4 crane eyelets with 40 mm diameter
- Up to 3 containers can be stacked
- Surface varnished orange RAL 2000, red RAL 3000, blue RAL 5021, green RAL 6011, grey RAL 7005 or hot-dip galvanised acc. to EN ISO 1461



If no colour is specified, we deliver painted in RAL 2000 (yellow orange).



Fork pocket inner dimensions



Accessories:

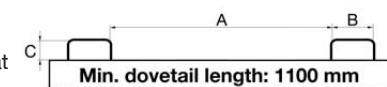
- Castor set comprising 2 steering and 2 fixed castors made from polyamide Ø 180 mm, including one steering castor with arrestor – construction height 220 mm, max. load capacity 1,350 kg

Volume ca. m ³	0.50	0.75	1.00	1.50	2.00
Capacity in kg	1000	1000	1250	1500	1500
Dimensions L x W x H in mm	800 x 1200 x 860	800 x 1200 x 1160	1000 x 1200 x 1160	1000 x 1800 x 1160	1000 x 1800 x 1460
Fork pocket inner dimensions A x B x C in mm	415 x 185 x 75	415 x 185 x 75	415 x 185 x 75	615 x 185 x 75	615 x 185 x 75
Weight varnished/galvanised kg/pce	125/178	144/207	158/228	202/286	232/328
Item no. varnished	25302225015027	25302225015029	25302225015031	25302225015033	25302225015035
Item no. galvanised	25302225015028	25302225015030	25302225015032	25302225015034	25302225015036

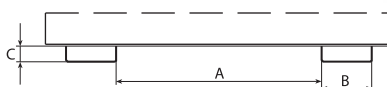
Flap Bottom Containers Type BKB

Conical flap bottom container with base discharge

- Stackable one inside the other
- Bottom flap can be unlocked by cable pull from the forklift seat
- Bottom flap closes automatically when the container is placed down, 90° opening
- Robust design with circumferential edge profile
- Brackets for forklifts and cranes
- 100 mm ground clearance, transportable with pallet truck
- Safety mechanism to prevent slipping and the bottom flap from opening
- Castors can be retrofitted
- Surface varnished orange RAL 2000, red RAL 3000, blue RAL 5021, green RAL 6011, grey RAL 7005 or hot-dip galvanised acc. to EN ISO 1461



Fork pocket inner dimensions



Inner dimensions of forklift pockets



Accessories:

- Castor set comprising 2 steering and 2 fixed castors made from polyamide Ø 180 mm, including one steering castor with arrestor – construction height 220 mm, max. load capacity 1,350 kg

Volume ca. m ³	0.50	0.70	1.00
Capacity in kg	1000	1500	2000
Dimensions L x W x H in mm	1040 x 1200 x 721	1040 x 1200 x 971	1040 x 1200 x 1271
Fork pocket inner dimensions A x B x C in mm	600 x 180 x 65	600 x 180 x 65	600 x 180 x 65
Fork pocket inner dimensions A x B x C in mm	600 x 190 x 90	600 x 190 x 90	600 x 190 x 90
Weight varnished/galvanised kg/pce	126/136	145/156	169/182
Item no. varnished	25302225015037	25302225015039	25302225015041
Item no. galvanised	25302225015038	25302225015040	25302225015042

FORK ATTACHMENTS

Stacking tipper



Stacking tipper Type BSK

Stacking tipper made from profiled sheet steel for robust applications

- Made from profiled sheet steel
- Up to 3 containers can be stacked when filled
- Dumped with cross beam by cable pull from the forklift seat
- Surface varnished orange RAL 2000, red RAL 3000, blue RAL 5021, green RAL 6011, grey RAL 7005 or hot-dip galvanised acc. to EN ISO 1461



If no colour is specified, we deliver painted in RAL 2000 (yellow orange).



Volume ca. m ³	0.30	0.55	0.70	0.90	1.50	2.00
Capacity in kg	500	1000	1500	2000	2000	2000
Dimensions L x W x H in mm	800 x 600 x 600	1000 x 800 x 900	1200 x 800 x 900	1200 x 1000 x 900	1200 x 1500 x 1000	1200 x 2000 x 1000
Weight varnished/galvanised kg/pce	50/55	80/88	90/99	100/110	140/154	170/187
Item no. varnished	25302225015043	25302225015045	25302225015047	25302225015049	25302225015051	25302225015053
Item no. galvanised	25302225015044	25302225015046	25302225015048	25302225015050	25302225015052	25302225015054

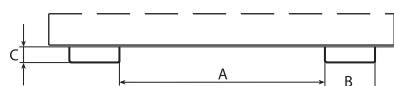
Cross beam for stacking tipper Type BST

Cross beam for dumping the BSK stacking tipper

- Tipping is possible from the forklift seat at any height by cable pull
- Safety mechanism to prevent accidental slipping
- Fork pocket for forklifts
- Stacking tipper can be grasped using the holding pins
- For stacking tippers with a capacity of 0.30 – 2.00 m³
- Surface varnished orange RAL 2000, red RAL 3000, blue RAL 5021, green RAL 6011, grey RAL 7005 or hot-dip galvanised acc. to EN ISO 1461



If no colour is specified, we deliver painted in RAL 2000 (yellow orange).



Insertion dimensions (inner)

Cross beam for container m ³	0.30	0.55	0.70	0.90	1.50	2.00
Capacity in kg	500	1000	1500	2000	2000	2000
Dimensions L x W x H in mm	945 x 730 x 845	945 x 930 x 975	945 x 930 x 975	945 x 1130 x 975	940 x 1630 x 1085	940 x 2130 x 1085
Inner dimensions of forklift pockets A x B x C in mm	110 x 200 x 80	250 x 200 x 80	250 x 200 x 80	450 x 200 x 80	450 x 200 x 80	590 x 200 x 80
Weight kg/pce	71	79	79	85	156	173
Item no. varnished	25302230015001	25302230015002	25302230015003	25302230015004	25302230015005	25302230015006

FORK ATTACHMENTS

Box Wagon, Tipping Trough

Box Wagon Types KW and KW-ET

Box wagon for any kind of bulk materials, with optional emptying at ground level

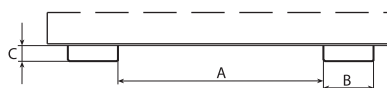
- Robust steel sheet design with edge reinforcement
- Base frame made from profiled steel
- Oil tight and waterproof
- Spring protection against tipping
- 2 wheels + 1 steering castor (from 600 l content: + 2 steering wheels) made from solid rubber Ø 250 x 60 mm, of which one steering castor with arrestor
- Handle for pushing
- Surface varnished orange RAL 2000, red RAL 3000, blue RAL 5021, green RAL 6011, grey RAL 7005 or hot-dip galvanised acc. to EN ISO 1461



KW



KW-ET



Insertion dimensions (inner)

! If no colour is specified, we deliver painted in RAL 2000 (yellow orange).

Volume ca. m ³		0.25	0.40	0.60	1.0
Capacity in kg		300	300	300	300
Dimensions L x W x H in mm		1120 x 820 x 990	1330 x 900 x 1090	1400 x 1070 x 1220	1430 x 1340 x 1285
Dumping edge height mm		690	740	830	870
Weight varnished/galvanised kg		69/76	84/93	128/141	156/172
Type KW					
without forklift pockets	Item no. varnished	25302225015055	25302225015057	25302225015059	25302225015061
	Item no. galvanised	25302225015056	25302225015058	25302225015060	25302225015062
Type KW-ET					
with forklift pockets and safety mechanism to prevent accidental slipping or dumping	Inner dimensions of forklift pockets A x B x C in mm	465 x 170 x 55	465 x 170 x 55	465 x 170 x 55	465 x 170 x 55
	Weight varnished/galvanised kg/pce	80/88	96/106	140/154	168/185
	Item no. varnished	25302225015063	25302225015065	25302225015067	25302225015069
	Item no. galvanised	25302225015064	25302225015066	25302225015068	25302225015070

Tipping Trough Type KN

Low tipping trough for collecting and disposing of bulk goods and industrial waste for bulk goods of any kind, with optional ground-level emptying

- Robust steel sheet design with edge reinforcement
- Trough in a tippable position with handle
- Base frame with forklift pockets
- Easy to move using a forklift
- Oil tight and waterproof
- Safety mechanism to prevent accidental slipping and tipping out
- Castors can be retrofitted
- Surface varnished orange RAL 2000, red RAL 3000, blue RAL 5021, green RAL 6011, grey RAL 7005 or hot-dip galvanised acc. to EN ISO 1461

! If no colour is specified, we deliver painted in RAL 2000 (yellow orange).

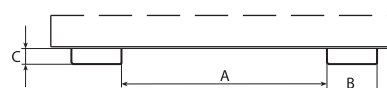


KN

Volume ca. m ³		0.25	0.40
Capacity in kg		300	300
Dimensions L x W x H in mm		1320 x 670 x 535	1390 x 840 x 610
Dumping edge height mm		535	610
Inner dimensions of forklift pockets A x B x C in mm		285 x 170 x 55	455 x 170 x 55
Weight varnished/galvanised kg/pce		70/77	77/85
Item no. varnished		25302225015071	25302225015073
Item no. galvanised		25302225015072	25302225015074

Accessories:

- 2 steering and 2 fixed castors made from solid rubber Ø 200 x 50 mm, 1 steering castor with arrestor – construction height 235 mm



Insertion dimensions (inner)

FORK ATTACHMENTS

Access Platforms



Tipping Trough Type KK

Box-shaped tipping trough for collecting and disposing of bulk goods and industrial waste for bulk goods of any kind, with optional ground-level emptying

- Robust steel sheet design with edge reinforcement
- Trough in a tippable position with handle
- Base frame with forklift pockets
- Easy to move using a forklift
- Oil tight and waterproof
- Safety mechanism to prevent accidental slipping and tipping out
- Castors can be retrofitted
- Surface varnished orange RAL 2000, red RAL 3000, blue RAL 5021, green RAL 6011, grey RAL 7005 or hot-dip galvanised acc. to EN ISO 1461

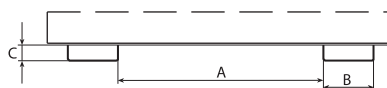


KK

Accessories:

- 2 steering and 2 fixed castors made from solid rubber Ø 200 x 50 mm, 1 steering castor with arrestor – construction height 235 mm

! If no colour is specified, we deliver painted in RAL 2000 (yellow orange).



Insertion dimensions (inner)

Volume ca. m ³	0.25	0.40	0.60	0.80	1.00
Capacity in kg	300	300	300	300	300
Dimensions L x W x H in mm	1130 x 590 x 740	1320 x 670 x 840	1390 x 840 x 910	1420 x 910 x 980	1420 x 1110 x 980
Dumping edge height mm	440	490	520	560	560
Inner dimensions of forklift pockets A x B x C in mm	205 x 170 x 55	285 x 170 x 55	455 x 170 x 55	525 x 170 x 55	725 x 170 x 55
Weight varnished/galvanised kg/pce	70/77	77/85	125/138	133/147	145/160
Item no. varnished	25302225015075	25302225015077	25302225015079	25302225015081	25302225015083
Item no. galvanised	25302225015076	25302225015078	25302225015080	25302225015082	25302225015084

Tipping Trough Type KS

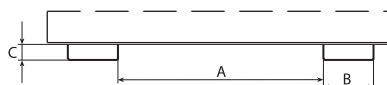
Tipping trough for transporting and dumping bulk goods with great flexibility

- Wheels and pushing handle enable simple manual transportation
- Forklift pockets for transportation with a forklift
- Emptying at ground level or over a large container using a forklift
- Robust steel design
- Base frame with forklift pockets
- Trough in a tippable position
- Safety mechanisms to prevent accidental slipping and dumping
- 2 steering and 2 fixed castors made from polyamide Ø 180 mm, of which one steering castor with arrestor – construction height 220 mm, max. load capacity 1,000 kg
- Surface varnished orange RAL 2000, red RAL 3000, blue RAL 5021, green RAL 6011, grey RAL 7005



KS

! If no colour is specified, we deliver painted in RAL 2000 (yellow orange).



Insertion dimensions (inner)

Volume ca. m ³	0.40	0.55	0.70
Capacity in kg	1000	1000	1000
Dimensions L x W x H in mm	1220 x 1010 x 1115	1245 x 1200 x 1170	1340 x 1200 x 1275
Dumping edge height mm	1020	1055	1175
Inner dimensions of forklift pockets A x B x C in mm	100 x 200 x 80	180 x 200 x 80	180 x 200 x 80
Weight kg/pce	107	120	132
Item no. varnished	25302225015085	25302225015086	25302225015087