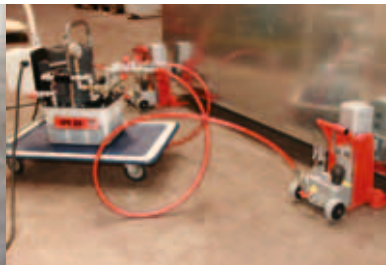


Our strength: more ideas...

Lifting and transport equipment



JUNG 2010/11



Perfect technology based on years of experience

Made in Germany

Your advantages from our services

Made in Germany

We have more than 35 years of experience in the development and manufacture of rigging equipment. Our lifting and transport equipment has proven itself a thousand times over as essential tools in all areas in which the movement of heavy loads is required.

Quality

State of the art CNC technology, advanced welding robots and a certified quality management system (DIN EN ISO 9001) assures a consistently high level of product quality. Each product is subjected to a pre-shipment function test and receives a test badge displaying the next maintenance check due date.

ISO 9001 Certification



 **Made in Germany**



Repair & Maintenance Service

Even after many years of use, our products are still ready for use. For this we provide maintenance and repair service, as well as replacement parts.

Warranty

We provide a 5 year warranty on all jacks and transport trolleys when products are used as directed.

Availability

Almost all standard product lines are in stock 365 days a year. Custom solutions

Custom solutions

We solve uncommon lifting and transport problems through custom designs - safe, fast and cost effective.

The environment

We meet our ecological responsibilities in our daily work flow. We utilize our own solar power, employ power from regenerative energy sources and have examined our ecological accountability under the Ecofit project.



We always offer the perfect solution for your transport problem!

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The new lightweight jack

Professional solutions for professionals

■ **Innovative** ■ **Light** ■ **Compact** ■ **Strong**

Extreme weight reduction through improved construction.

Removable handle on JH 5 G plus and JH 10 G plus.

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

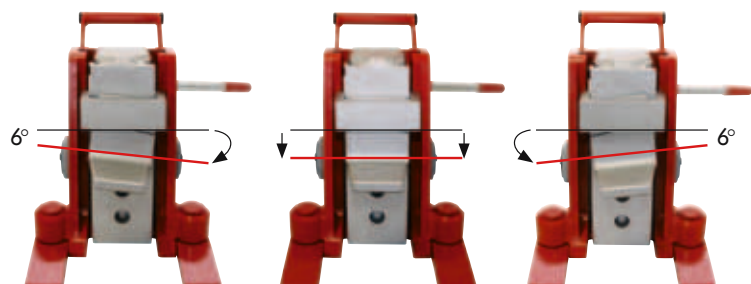
Easy maintenance through single exchangeable pump unit - safety pressure relief valve with dirt filter prevents overloading.

Swivelling safety toe with sloped design for extreme robustness to prevent fractures. The advanced strength steel is impact resistant and provides optimal safety.

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

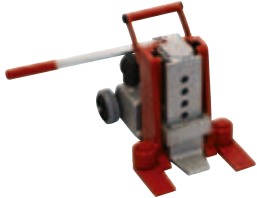
Sturdy swivelling feet - for easy and safe positioning in every situation.

Swivelling safety lifting toe for optimal adjustment to the load in a varying inclination up to $\pm 6^\circ$.

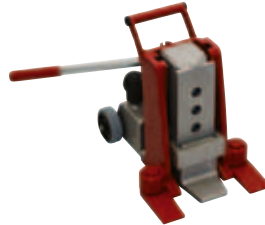


Jack series JH-G plus

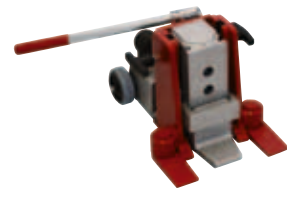
Load capacity up to 20 metric tons



JH 5 G plus

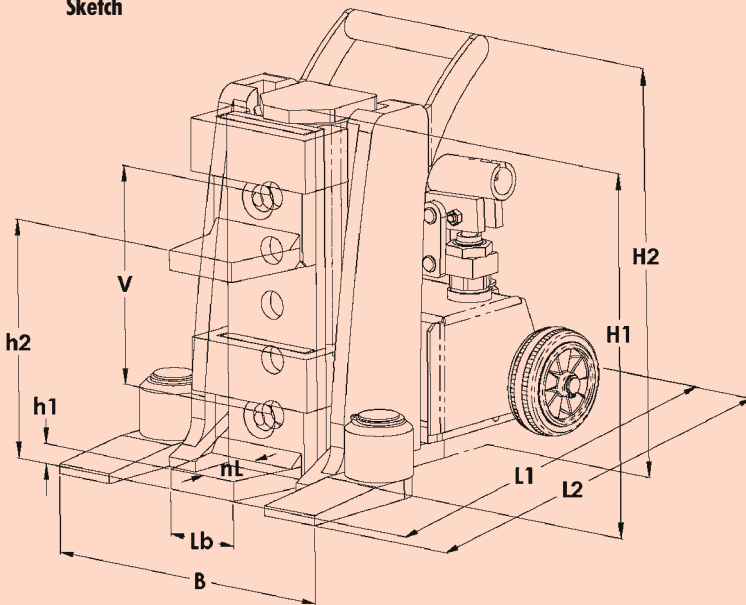


JH 10 G plus



JH 10 G plus ku

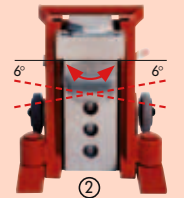
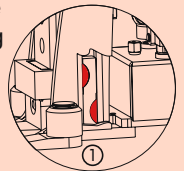
Sketch



Advantages in detail



- Reduced friction through slide shoes that are mobile in their seats. Under application a larger contact surface guarantees better force distribution. The resulting advantages are less friction, more power and reduced wear of the lifting track than with conventional jacks (see picture 1).
- Reduced maintenance costs through easy to change slide shoes and exchangeable pump unit.
- Extremely lightweight with high performance through the use of high-quality material and innovative design changes.
- Continual adjustment to the load through swivelling safety toe. Secure stability in every situation even in lifted position (see picture 2).
- **JH 10 G plus ku** outfitted with dual side handles for positioning. Standard carrying handle for **JH 10 G plus ku** available as optional accessory (Sparepart no. 91 106 260-B).

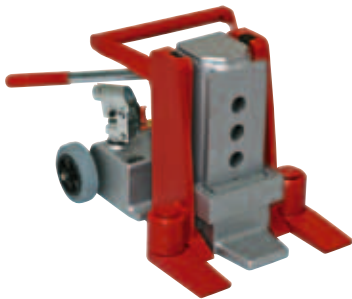


Type	Sketch	JH 5 G plus	JH 10 G plus	JH10 G plus ku
Full load capacity*	kg / lbs	5 500 / 12 000	10 000 / 22 000	10 000 / 22 000
Stroke	mm / in	140 / 5.5"	150 / 5.9"	108 / 4.3"
Minimum lift toe height	h 1 mm / in	12 / 0.5"	15 / 0.6"	15 / 0.6"
Maximum lift toe height	h 2 mm / in	157 / 6.2"	180 / 7.1"	138 / 5.4"
Lift toe adjustment	V mm / in	6 x 29 / 1.1"	5 x 41 / 1.6"	4 x 41 / 1.6"
Top plate height	H 1 mm / in	245 / 9.6"	275 / 10.8"	235 / 9.3"
Toe width front	Lb mm / in	50 / 2.0"	60 / 2.4"	60 / 2.4"
Toe depth	nL mm / in	50 / 2.0"	55 / 2.2"	55 / 2.2"
Length feet in front	L2 mm / in	326 / 12.8"	346 / 13.6"	346 / 13.6"
Length feet on side	L1 mm / in	311 / 12.2"	330 / 13"	330 / 13"
Width	B mm / in	233 / 9.2"	247 / 9.7"	247 / 9.7"
Height	H2 mm / in	280 / 11"	310 / 12.2"	235 / 9.3"
Cylinder volume	L / in ³	0,18 / 11.5"	0,3 / 19.6"	0,21 / 12.82"
Weight	kg / lbs	23 / 50.7	29 / 63.9	26 / 57.3
Order number		01 050 052-G	01 100 102-G	01 100 103-G ku

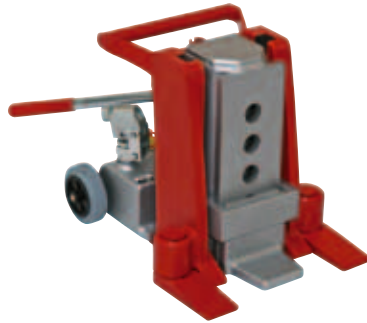
*load on top plate

Jack series JH-G plus

Load capacity up to 20 metric tons



JH 15 G plus



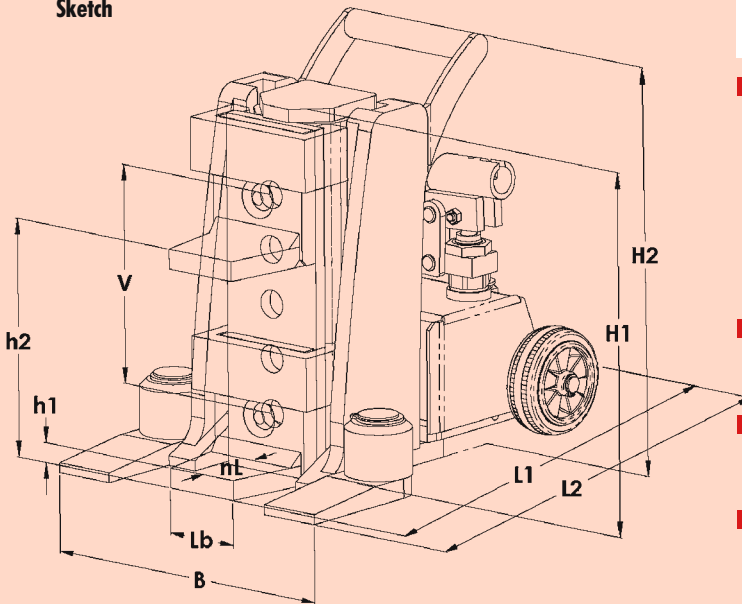
JH 20 G plus

Per request, all jacks available without internal hydraulic pumping unit for exclusive use with external pump.



JH EX

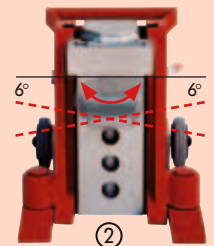
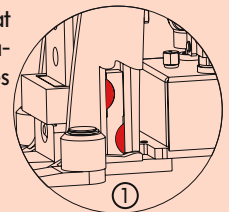
Sketch



Advantages in detail



- Reduced friction through slide shoes that are mobile in their seats. Under application a larger contact surface guarantees better force distribution. The resulting advantages are less friction, more power and reduced wear of the lifting track than with conventional jacks (see picture 1).
- Reduced maintenance costs through easy to change slide shoes and exchangeable pump unit.
- Extremely lightweight with high performance through the use of high-quality material and innovative design changes.
- Continual adjustment to the load through swivelling safety toe. Secure stability in every situation even in lifted position (see picture 2).
- Fast stroke.

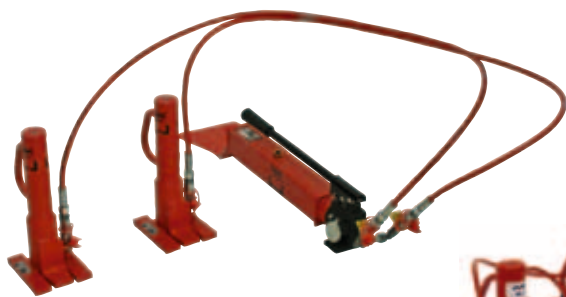


Type	Sketch		JH 15 G plus	JH 20 G plus
Full load capacity*		kg / lbs	15 000 / 33 000	20 000 / 44 000
Stroke		mm / in	175 / 6.9"	190 / 7.5"
Minimum lift toe height	h 1	mm / in	20 / 0.8"	20 / 0.8"
Maximum lift toe height	h 2	mm / in	205 / 8.1"	225 / 8.9"
Lift toe adjustment	V	mm / in	5 x 46 / 1.8"	5 x 51 / 2"
Top plate height	H 1	mm / in	310 / 12.2"	340 / 13.4"
Toe width front	Lb	mm / in	70 / 2.8"	80 / 3.1"
Toe depth	nL	mm / in	66 / 2.6"	66 / 2.6"
Length feet in front	L2	mm / in	415 / 16.3"	425 / 16.7"
Length feet on side	L1	mm / in	401 / 15.8"	405 / 15.9"
Width	B	mm / in	300 / 11.8"	322 / 12.7"
Height	H2	mm / in	310 / 12.2"	340 / 13.4"
Cylinder volume		L/in ³	0,5 / 30.2"	0,73 / 44.6"
Weight		kg / lbs	48 / 105.8	60 / 132.3
Order number			01 150 102-G	01 200 102-G

*load on top plate

Hydraulic jacks – JHS

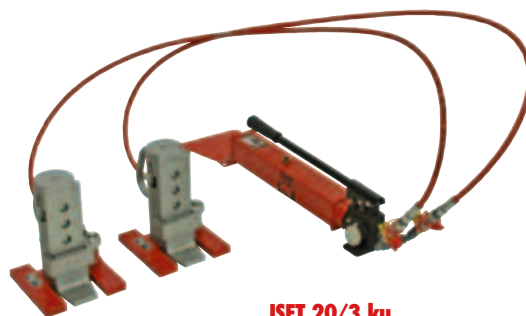
Load capacity up to 20 metric tons



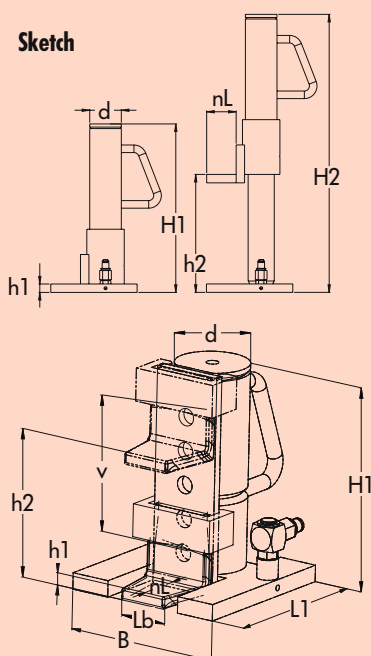
JSET 10/2



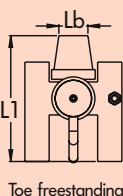
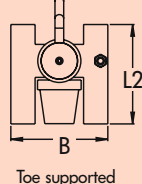
JSET 20/3



JSET 20/3 ku



Side 180° revolved



Advantages in detail



- 180° revolving slide – for use with or without lifting feet.
- High capacity at low weight.
- Separated pump unit, flexible use even in confined spaces, also in horizontal position.
- Swiveling lifting toe on **JHS 10 ku** assures optimal adjustment to the load, along with safe and stable support even in raised position (see picture 2 page 6).

Hydraulic jacks with pump and hoses in one set

Set type	JSET 10/2	JSET 20/3	JSET 20/3 ku
Jack	2 x JHS 5	2 x JHS 10	2 x JHS 10 ku
Hose	2 x JS 2	2 x JS 3	2 x JS 2
Pump	JP 16	JP 26	JP 16
Order number	20 410 200-S	20 420 301-S	20 420 305-S

▶ Please refer to page 10 for hand pumps and hydraulic hoses, for electrical pumps to page 11.

Single hydraulic jacks JHS

Type	Sketch		JHS 5**	JHS 10**	JHS 10 ku
Full load capacity		kg / lbs	5 000 / 11 000	10 000 / 22 000	10 000 / 22 000
Minimum lift toe height	h 1	mm / in	15 / 0.5"	20 / 0.8"	20 / 0.8"
Maximum lift toe height	h 2	mm / in	245 / 9.6"	260 / 10.2"	288 / 11.3"
Lift toe adjustment	V	mm / in			5 x 41 / 1.6"
Top plate height	H 1	mm / in	350 / 13.8"	370 / 14.6"	265 / 10.4"
Maximum top plate height	H 2	mm / in	580 / 22.8"	610 / 24"	373 / 14.7"
Toe width front	Lb	mm / in	45 / 1.8"	60 / 2.4"	60 / 2.4"
Useable toe depth	nL	mm / in	40 / 1.6"	55 / 2.2"	55 / 2.2"
Diameter top plate	d	mm / in	57 / 2.2"	80 / 3.1"	89 / 3.5"
Length toe supported	L2	mm / in	170 / 6.7"	205 / 8.1"	205 / 8.1"
Length toe exposed	L1	mm / in	220 / 8.7"	260 / 10.2"	260 / 10.2"
Width	B	mm / in	145 / 5.7"	200 / 7.9"	200 / 7.9"
Cylinder volumen		L / in ³	0,22 / 13.42"	0,51 / 31.12"	0,21 / 12.82"
Weight		kg / lbs	10 / 22	19 / 42	17 / 38
Order number			01 020 050-O	01 020 101-O	01 020 105-O

Jack series JH-P

Load capacity up to 50 metric tons



JH 13 P

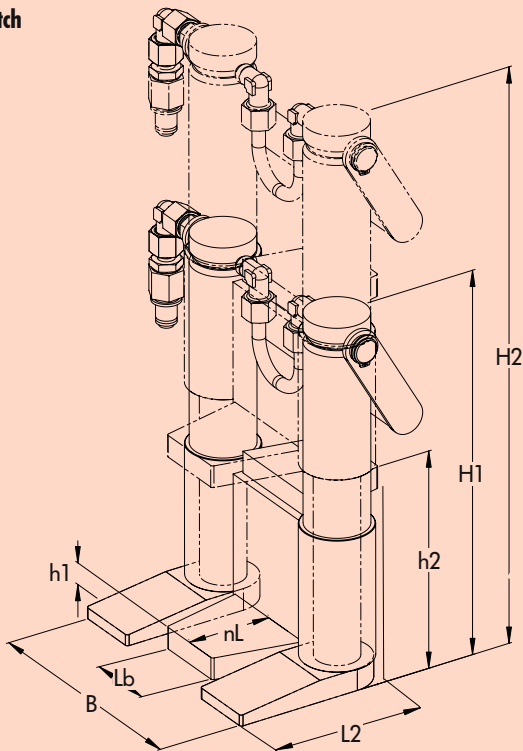


JH 30 P



JH 50 P

Sketch



Advantages in detail

- High capacity at low weight.
- Swivelling feet for perfect positioning.
- Even balancing of load and ideal weight distribution through integrated twin cylinder system.
- Convenient push back / transport cart will transport and retract jack effortlessly JRS 1 (included in JSET 30/50).



Application with „Primus“ and central pump

▶ Please refer to page 10 for hand pumps and hydraulic hoses, for electrical pumps to page 11.

Type	Sketch		JH 13 P**	JH 30 P**	JH 50 P**
Full load capacity*		kg / lbs	13 000 / 28 000	30 000 / 66 000	50 000 / 110 000
Stroke		mm / in	160 / 6.2"	200 / 7.8"	250 / 9.8"
Minimum lift height (deep toe)	h 1	mm / in	18 / 0.7"	25 / 1.0"	35 / 1.4"
Minimum lift height (high toe)	h 2	mm / in	135 / 5.3"	185 / 7.3"	275 / 10.8"
Top plate height	H 1	mm / in	303 / 11.9"	455 / 17.8"	542 / 21.2"
Maximum top plate height	H 2	mm / in	463 / 18.2"	655 / 25.8"	792 / 31.6"
Toe width front	L b	mm / in	60 / 2.4"	105 / 4.1"	100 / 3.9"
Useable toe depth	n L	mm / in	50 / 2.0"	70 / 2.8"	85 / 3.3"
Length toe supported	L 2	mm / in	170 / 6.7"	255 / 10.0"	350 / 13.8"
Width	B	mm / in	210 / 8.3"	305 / 11.9"	380 / 14.9"
Cylinder volume		L / in ³	0,4 / 24.41"	1,13 / 68.96"	2,51 / 153.29"
Weight		kg / lbs	15 / 33	51 / 112.4	105 / 231.5
Order number			01 020 130-P	01 020 300-P	01 020 500-P

*On top plate **Eur. patent-no. 1325882

Set series JH-P

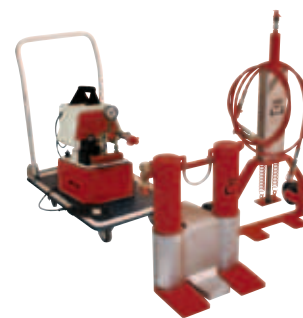
Load capacity up to 50 metric tons



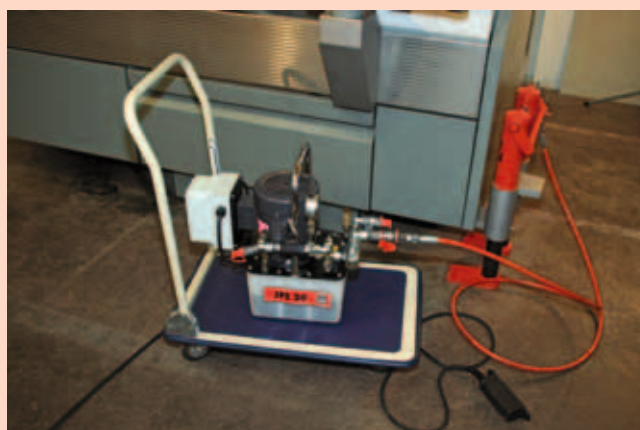
JSET 13/2



JSET 30/2



JSET 50/3



Application with Primus JH 30 P and electrical pump JPE 30 NVR

Advantages in detail



- See also page 6 for additional advantages.
- Job flexibility through separated lifting and pumping unit.
- Effortless transport and return to original position of jack through combined push back / transport unit (included JSET 30/50).
- Complete jack set includes all necessary hoses. Unpack and ready for use.

Push back /
transport cart
standing



JRS 1

01 001 030-T



Push back /
transport cart
transporting

Electrical pumps without hoses

Type		JPE 30 NVR	JPE 55 NVR
Oil volume	L	7,6 / 4,8	9,5 / 8,4
Working pressure	bar / psi	520 / 7540 psi	520 / 7540 psi
Connections	pcs	2	2
Flow rate high pressure	h / min.	3,9 - 7 bar	7,1 - 50 bar
Flow rate high pressure	h / min.	0,33 - 520 bar	0,95 - 520 bar
Motor facts		230 V, 50 Hz, 5 A	230 V, 50 Hz, 13 A
Dimensions L x W x H	mm / in	530 x 300 x 560 / 20.87 x 11.81 x 22.05"	530 x 300 x 560 / 20.87 x 11.81 x 22.05"
Length of hoses	mm / in	variable	variable
Weight with oil on cart	kg / lbs	40 / 88	40 / 88
Usable jacks		any hydraulic jacks	any hydraulic jacks
Order number		03 300 200-EU	03 550 200-E

Hydraulic jacks with pump and hoses in one set

Type	JSET 13/2	JSET 30/2	JSET 50/3
Jack	1 x JH 13 P	1 x JH 30 P	1 x JH 50 P
Hose	1 x JS 2	2 x JS 2	2 x JS 3
Pump	1 x JP 26	1 x JPE 30 NVR	1 x JPE 55 NVR
Push back / Transport unit	-	1 x JRS 1	1 x JRS 1
Order number	20 413 200-P	20 430 200-P	20 450 300-P

Hand pumps JP and hydraulic hoses JS

Light and powerful



JPA 5



JP 26

Uses and applications for hand pumps

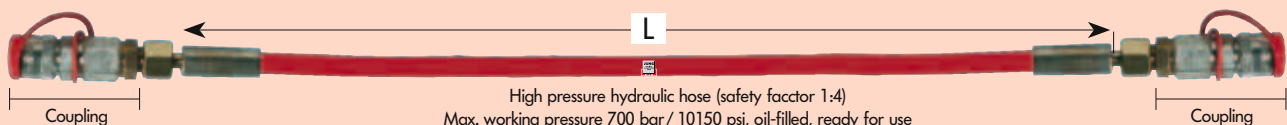
Jacks		JP 26
JH 5 G plus	2x	2x
JH 10 G plus	2x	2x
JH 15 G plus	1x	2x
JH 20 G plus	1x	2x
JHS 5	2x	2x
JHS 10	1x	2x
JHS 10 ku	2x	2x
JH 13 P	2x	2x
JH 30 P	-	1x
JH 50 P	-	-

Hydraulic hand pumps without hoses

Type		JP 26
Oil volume complete/usable	L	2.1 / 2.0
Working pressure	bar / psi	520 / 7540 psi
Connections	pcs	2
Dimensions L x W x H	mm / in	848 x 210** x 169 / 33.3 x 8.3 x 6.6"
Length of hoses	mm / in	variable*
Weight with oil on cart	kg / lbs	14.6 / 32.4
Order number		02 260 000-P

*available up to 15 000 mm **Wide foot plate

Suitable high pressure hydraulic hoses for all of our manual and electric pumps



Hose type		JS 2	JS 3	JS 4	JS 6	JS 15
Drip free couplings	no.	2	2	2	2	2
Length	L=mm / in	2 000 / 78.7"	3 000 / 118.1"	4 000 / 157.5"	6 000 / 236.2"	variable*
Order number		15 200 002-0	15 300 002-0	15 400 002-0	15 600 002-0	15.....00-0**

*available up to 15 000 mm

**.....enter L in mm

Recommended for use with two hydraulic jacks

Advantages in detail

- Sturdy construction, yet lightweight and easy to handle.
- Pressure limiting valve provides safety against overloading.
- Optimally compatible with our hydraulic jacks.
- Pumps are equipped with integrated quick-lift for faster working.

Electrical pumps without hoses

Type		JPA 5
Oil volume	L	1,0 / 1,0
Working pressure	bar	520
Connections	pcs	1*
Flow rate high pressure	h / min	1.9 - 30 bar
Flow rate high pressure	h / min	0.1 - 520 bar
Motor facts		12 V DC
Dimensions L x W x H	mm / in	330 x 197 x 203 / 13 x 7.8 x 8"
Length of hoses	mm / in	variable
Weight with oil	kg / lbs	9,1 / 20
Order number		03 102 000-E

*2 connections as option available

JPA 5 Standard version

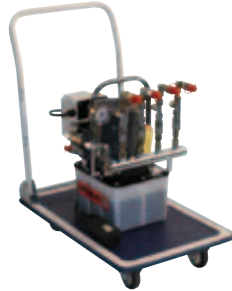
with 1 hydraulic connection. Accessories including rechargeable battery with carrying case and cable available under order number 03 102 002-E.

Electrical hydraulic pumps JPA and JPE

Powerful and quick



JPE 30 NVR



JPE 30/4 NVR



JPE 55 NVR



Electric pump JPE 30-NVR with 2 jacks in operation

See pages 4-6 and 8 for suitable jacks.

Advantages in detail



- Quick connectors with drip free rapid closure valves.
- One oil circuit capable of supplying two hydraulic jacks.
- Easy handling.
- Maximum safety during operation through cable remote control.
- Sturdy two stage electric pumps available in different versions.
- Easily controllable: JPE 30-NVR now with precision lowering regulator.
- Includes transport cart for easy and safe transport.

Recommendation: When lifting one side of a load with 2 jacks use external manual pump type JP16/26 (see page 9), electrical pump type JPE 30 NVR or battery pump JPA 5.

Electrical pumps without hoses

Type		JPE 30 NVR	JPE 30/4 NVR	JPE 55 NVR
Oil volume	L	7.6 / 4.8	7.6 / 4.8	9.5 / 8.4
Working pressure	bar	520	520	520
Connections	pcs	2	4	2
Flow rate high pressure	h / min	3.9 - 7 bar	3.9 - 7 bar	7.1 - 50 bar
Flow rate high pressure	h / min	0.33 - 520 bar	0.33 - 520 bar	0.95 - 520 bar
Motor facts		230 V, 50 Hz	230 V, 50 Hz	230 V, 50 Hz
Dimensions L x W x H	mm / in	530 x 300 x 560 / 20.8 x 11.8 x 22"	530 x 300 x 610 / 20.8 x 11.8 x 23.8"	530 x 300 x 560 / 20.8 x 11.8 x 22"
Length of hoses	mm / in	variable	variable	variable
Weight with oil and cart	kg / lbs	40 / 88	450 / 99	40 / 88
Usable jacks		any hydraulic jacks	any hydraulic jacks	any hydraulic jacks
Order number		03 300 200-EU	03 300 004-EU	03 550 200-E

JPE 30 NVR

Standard version

with 1 hydraulic connection. Accessories including rechargeable battery with carrying case and cable available under order number 03 102 002-E.

JPE 30/4 NVR

Extended version

Equipped with connection block JNB 2-E, with lowering speed control valve and 4 x JNB 1-E. Other versions available on request.

JPE 55 NVR

Standard version

Equipped with 2 hydraulic connection nipples, 1 manometer and precision lowering control.

Other options on request available.

Suitable Accessories

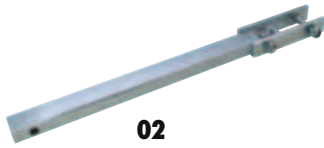
For jacks and trolleys



01
Pulling handle extension



04
Pulling handle with towing eye



02
Connecting bar extension set



05
Extension tandem bar



07
Connecting bar JK



09
Handle JH 10 G plus ku



03
Extended connecting bar



06
Pulling handle JKB



08
Pressure Gauge



10
..... Pressure Gauge

01 Pulling handle extension

clamps onto the standard pulling handle.
For trolleys on page 16-19 and 21-22.

Type	K-Series	K-Series	JL 18 S
Length	500 mm / 19.7" in	1 000 mm / 39.4" in	1 000 mm / 39.4" in
Order number	92 010 060-B	92 010 061-B	92 010 062-B

02 Connecting bar extension set

for insertion between the standard connecting bars.
For trolleys on page 16-19.

Type	K-Series
Length	635 mm / 25" in
Order number	92 010 157-B

03 Extended connecting bar

for trolleys JFB 6 K up to JFB 14 K.

Type	K-Series
Length	per customer request
Order number	92 010 063-B

04 Pulling handle with towing eye

for steerable trolleys JLB 3 K on page 16.

Type	JLB 3 K
Length	1 120 mm / 44.1" in
Order number	92 010 148-B

05 Extension tandem bar

for trolleys JTLB 6 K / JTLB 12 K on page 20.

Type	JTLB 6 K	JTLB 12 K
Length	per customer request	per customer request
Order number	92 010 160-B	92 010 161-B

06 Pulling handle without towing eye

for revolving trolley JKB on page 14-15.

Type	JKB 1	JKB 3 / JKB 4 / JKB 5
Length	990 mm / 39" in	1 120 mm / 44.1" in 1 120 mm / 44.1" in
Order number	14 060 082-L	14 030 085-L

07 Connecting bar

for revolving trolley JKB on page 14-15.

Type	JKB 1	JKB 3	JKB 4 / JKB 5
Length	1 000 mm / 39.4" in	1 200 mm / 47.2" in	2 000 mm / 78.7" in
Order number	14 060 082-V	14 030 085-V	14 040 085-V

08 Pressure Gauge

for pumps on page 11

Type	Gauge
Ø	63 mm / 2.5" in
Order number	92 040 024-E

09 Handle for JH 10 G plus ku

for screw attachment. For jack on page 5.

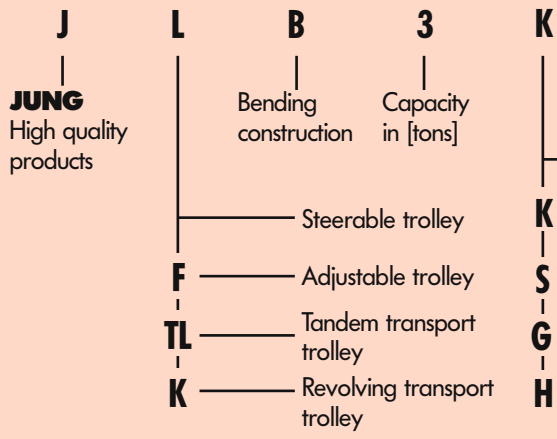
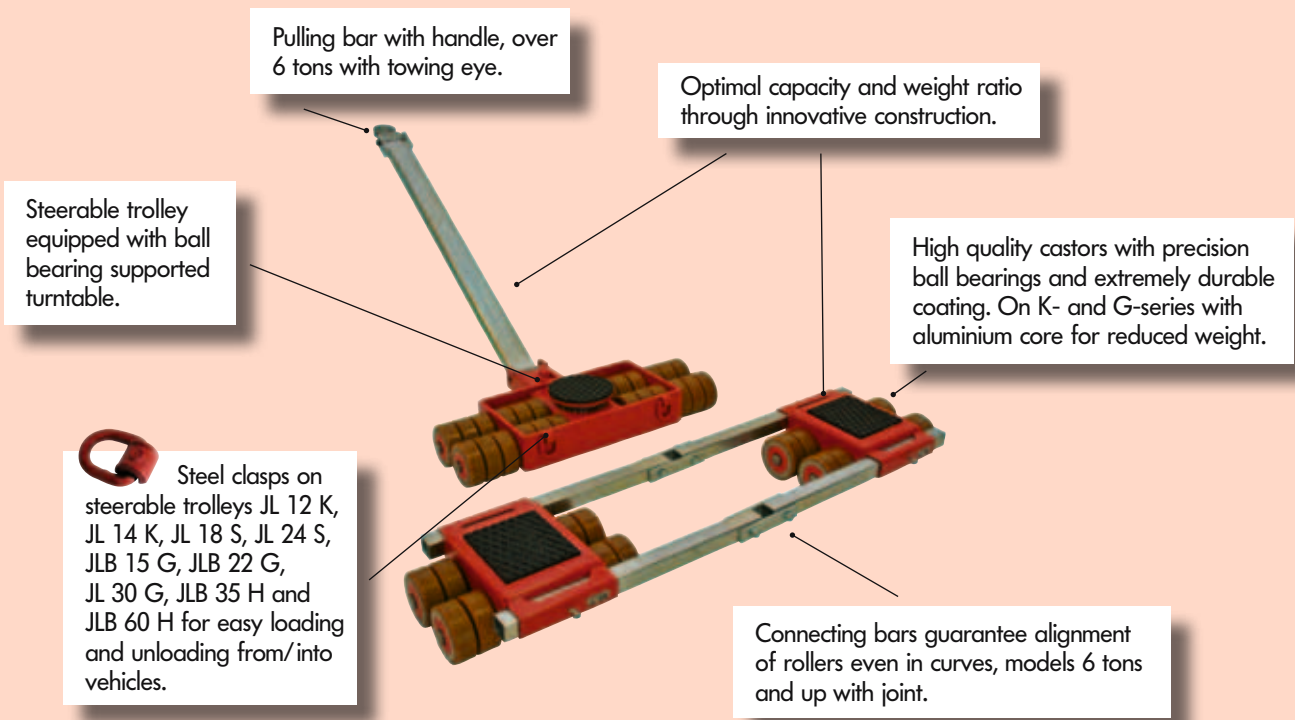
Type	JH 10 G plus ku
H x W x L mm / in	110 x 125 x 55 / 4.3 x 4.9 x 2.2"
Order number	91 106 260-B

10 Arbor-mounted pressure gauge

For jacks on page 5-6.

Type	Gauge
Ø	63 mm / 2.5" in
Order number	94 001 024-B

Trolley information and overview



▶ Please refer to page 28-29 for additional roller information.

- For load weight up to 24 metric tons, Height: 110 mm / 4.3 in (page 14-17)
- For load weight up to 28 metric tons, Height: 110 mm / 4.3 in (page 18-20)
- For load weight up to 48 metric tons, Height: 125 mm / 4.9 in (page 21)
- For load weight up to 60 metric tons, Height: 180 mm / 7.1 in (page 22-24)
- For load weight up to 120 metric tons, Height: 230 mm / 9.1 in (page 25)

Revolving Transport Trolley JKB

For loads up to 12 metric tons



JKB 1



JKB 3

JKB 1 Available with:

JUWAmid-coated

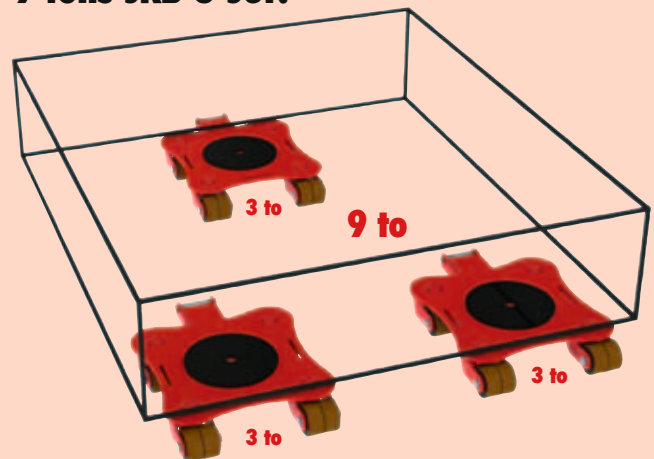
for level and clean floors
Order number 95 050 079-E

JKB 3-5 Available with:

JUWAmid-coated

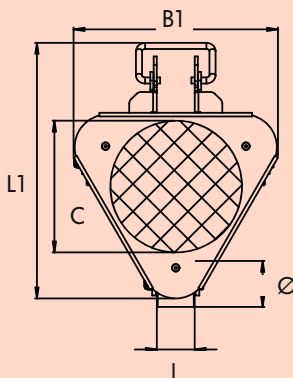
for level and clean floors
Order number 95 050 088-P

Example for load distribution on 9 tons JKB 3 Set:

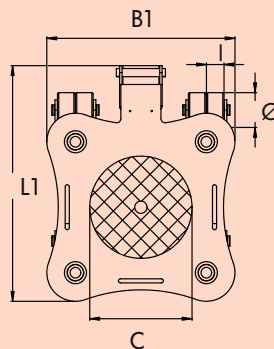


▶ Please refer to page 28-29 for additional roller information.

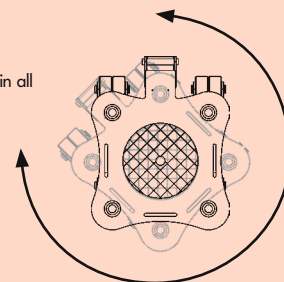
Sketch JKB 1



Sketch JKB 3



360° rotation in all directions



Load weight up to		1 metric ton	4 metric tons	3 metric tons	9 metric tons	
Type	Sketch	JKB 1 K	JKB 1 Set	JKB 3 K	JKB 3 Set	
composed of		1x JKB 1 K	3x JKB 1 K	1x JKB 3 K	3x JKB 3 K	
Load capacity	kg / lbs	1 000 / 2 200	3 000 / 6 600	3 000 / 6 600	9 000 / 19 800	
Number of castors	pcs	3	3 x 3	8	3 x 8	
Castor dimensions	Ø x l	mm / in	75 x 60 / 3 x 2.4"	75 x 60 / 3 x 2.4"	85 x 43 / 3.3 x 1.7"	85 x 43 / 3.3 x 1.7"
Fitting height		mm / in	110 / 4.3"	110 / 4.3"	110 / 4.3"	110 / 4.3"
Supporting surface of turntable	Ø C	mm / in	215 / 8.5"	215 / 8.5"	250 / 9.8"	250 / 9.8"
Cassette dimensions	L1 x B1	mm / in	390 x 340 / 15.4 x 13.4"	390 x 340 / 15.4 x 13.4"	575 x 460 / 22.6 x 18.1"	575 x 460 / 22.6 x 18.1"
Weight JUWAmid		kg / lbs	10 / 22	30 / 66	32 / 71	96 / 211
Order-no. with JUWAmid			14 060 082-P	14 060 082-S3	14 030 085-P	14 030 085-S

Revolving transport trolley JKB

For loads up to 15 metric tons



JKB 4



JKB 5



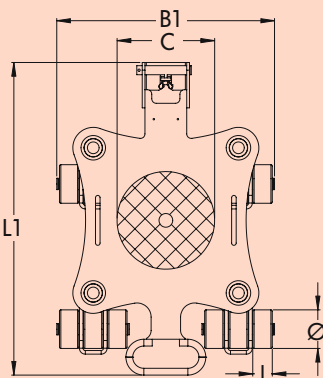
JKB 4 Set in use

Advantages in detail

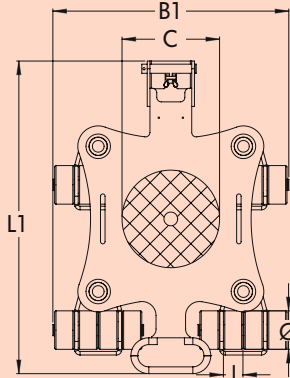
- Optional connecting bars on JKB 1 can be fixed without tools by clamping down on handle.
- High load capacity at low weight.
- Bearing supported swivelling rollers allow 360° maneuverability.
- Same height trolleys provides interchangeability. Mix and match revolving trolleys JKB 1-4 with K-Series transport trolleys and JKB 5 with S-Series.
- All products in a SET also available with accessories listed on page 12.
- Unrivalled: The double roller system on the JKB 3 up to JKB 5 reduces rolling and turning resistance to a minimum.
- Using the slits in the platform the trolleys JKB 3-5 can be affixed to the load with standard tiedown belts.
- In addition, the trolleys JKB 3-5 are outfitted with a platform center hole (Ø 1,2 inches) to allow attachment to the load.

▶ Please see page 12 for compatible connecting bars and pulling handles.

Sketch JKB 4



Sketch JKB 5



Load weight up to

4 metric tons

12 metric tons

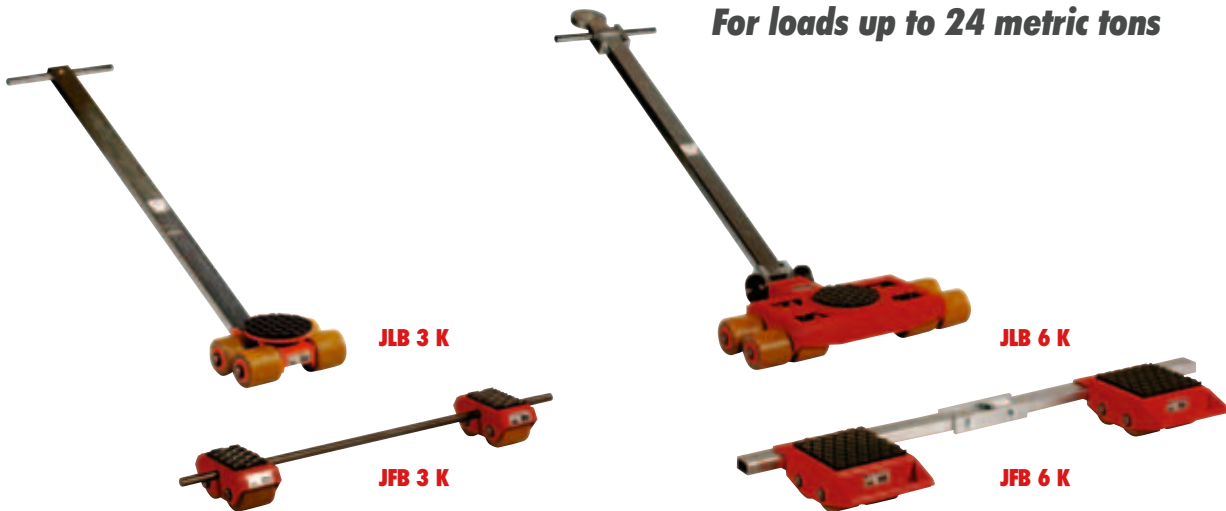
5 metric tons




15 metric tons

Type	Sketch	JKB 4 K	JKB 4 Set	JKB 5 K	JKB 5 Set
composed of		1x JKB 4 K	3x JKB 4 K	1x JKB 5 K	3x JKB 5 K
Load capacity	kg / lbs	4 000 / 8 800	12 000 / 26 400	5 000 / 11 000	15 000 / 33 000
Number of castors	pcs	12	3x 12	16	3x 16
Castor dimensions	Ø x l	mm / in	85x43 / 3.3x1.7"	85x43 / 3.3x1.7"	85x43 / 3.3x1.7"
Fitting height		mm / in	110 / 4.3"	110 / 4.3"	110 / 4.3"
Supporting surface of turntable	Ø C	mm / in	250 / 9.8"	250 / 9.8"	250 / 9.8"
Cassette dimensions	L1 x B1	mm / in	690 x 475 / 27.2 x 18.7"	690 x 475 / 27.2 x 18.7"	690 x 525 / 27.2 x 20.6"
Weight JUWAmid	kg / lbs	43 / 95	129 / 284	44 / 97	132 / 291
Order number with JUWAmid		14 041 085-P	14 041 085-S	14 051 085-P	14 051 085-S

Transport trolleys K-series

For loads up to 24 metric tons



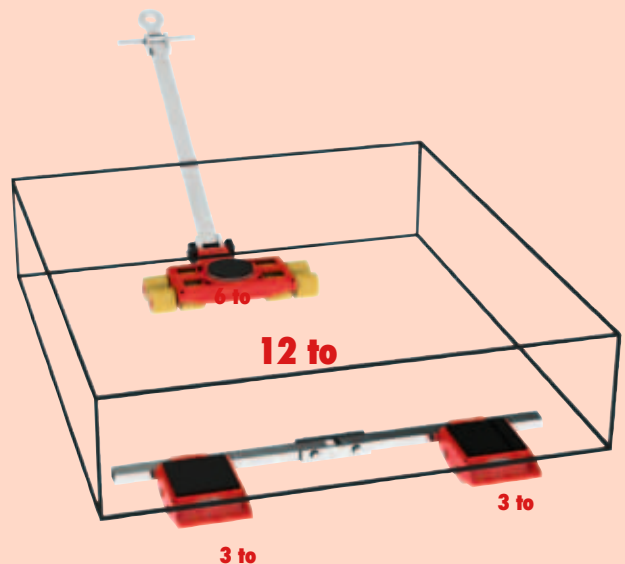
Available with:	Available with:
JUWAthan®plus coated aluminium castor	Steel castor
	
	
for any floors Order number 95 050 057-V	for not sensitive floors Order number 95 050 043-S

Please refer to page 28-29 for additional roller information.



Castors with ball bearings guarantee easy movement

Example for load distribution on 12 tons trolley combination:



Load weight up to

Type	Sketch	6 metric tons		12 metric tons	
		JLB 3 K	JFB 3 K	JLB 6 K	JFB 6 K
Load capacity	kg/lbs	3 000 / 6 600	3 000 / 6 600	6 000 / 13 200	6 000 / 13 200
Number of castors	pcs	4	4	8	8
Castors dimensions	Ø x l	mm / in	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"
Fitting height	mm / in	110	4.3"	110 / 4.3"	110 / 4.3"
Supporting surface per cassette	Ex F	mm / in	120 x 80 / 4.7 x 3.1"		175 x 170 / 6.9 x 6.7"
Cassette dimensions	L x B x H	mm / in	190 x 125 / 7.5 x 4.9"		325 x 200 / 12.8 x 7.9"
Connecting rod with joint	Length	mm / in	1 000** / 39.4"		1 230 / 48.4"
Cassettes adjustable from - to	G - H	mm / in	125 - 880 / 4.9 - 34.6"		400 - 1 030 / 15.7 - 40.6"
Supporting surface of turnable	Ø C	mm / in	150 / 5.9"		150 / 5.9"
Dimensions	L x B x H	mm / in	225 x 280 / 8.9 x 11"		445 x 590 / 17.5 x 23.2"
Handlebar with pulling eye	Length	mm / in	990* / 39"		1 120 / 44.1"
Weight JUWAthan plus	kg / lbs	12 / 26	11 / 24	33 / 72	25 / 55
Order number with JUWAthan plus		07 031 085-V	08 031 085-V	07 061 085-V	08 061 085-V

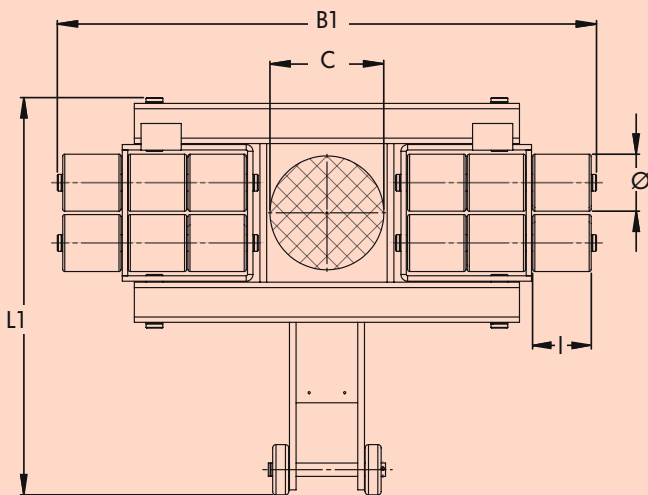
*JLB 3 K steering bar without pulling eye — **JFB 3 K without joint

Transport trolleys K-series

For loads up to 24 metric tons

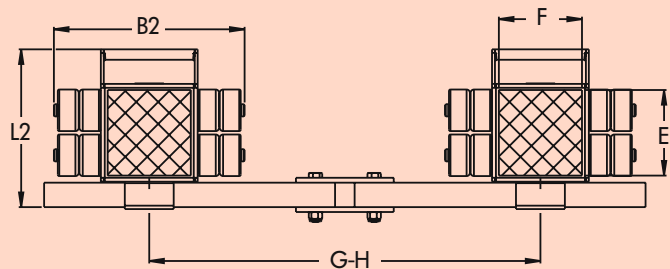


Sketch



Advantages in detail

- Galvanized axles and safety clip rings for improved protection against corrosion.
- Outfitted with highest quality rollers as standard.
- Reduced weight through advanced construction of load cassettes.
- All transport trolleys are ready for use: The steerable transport trolley is fitted with a ball bearing supported turntable and a handlebar (as shown in picture). The adjustable-width transport trolley consists of two transport units and connecting rod.

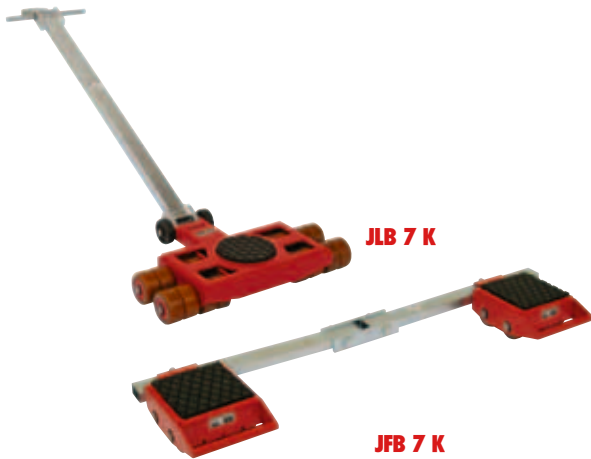


Load weight up to

		18 metric tons		24 metric tons	
Type	Sketch	JL 9 K	JFB 9 K	JL 12 K	JFB 12 K
Load capacity	kg / lbs	9 000 / 19 800	9 000 / 19 800	12 000 / 26 400	12 000 / 26 400
Number of castors	pcs	12	12	16	16
Castors dimensions	Ø x l mm / in	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"
Fitting height	mm / in	110 / 4.3"	110 / 4.3"	110 / 4.3"	110 / 4.3"
Supporting surface per cassette	E x F mm / in		175 x 170 / 6.9 x 6.7		175 x 170 / 6.9 x 6.7
Cassette dimensions	L 2 x B 2 mm / in		325 x 390 / 12.8 x 15.4		325 x 390 / 12.8 x 15.4
Connecting rod with joint	Length mm / in		1 230 / 48.4"		1 230 / 48.4"
Cassettes adjustable from - to	G - H mm / in		400 - 1 030 / 15.7 - 40.6"		400 - 1 030 / 15.7 - 40.6"
Supporting surface of turntable	Ø C mm / in	170 / 6.7"		170 / 6.7"	
Dimensions	L 1 x B 1 mm / in	580 x 820 / 22.8 x 32.3"		580 x 1000 / 22.8 x 39.3"	
Handlebar with pulling eye	Length mm / in	1 120 / 44.1"		1 120 / 44.1"	
Weight JUWAtan plus	kg / lbs	54 / 119	32 / 70	64 / 141	35 / 77
Order number with JUWAtan plus		07 090 085-V	08 091 085-V	07 120 085-V	08 121 085-V

Transport trolleys K-series professional

For load weights up to 28 metric tons



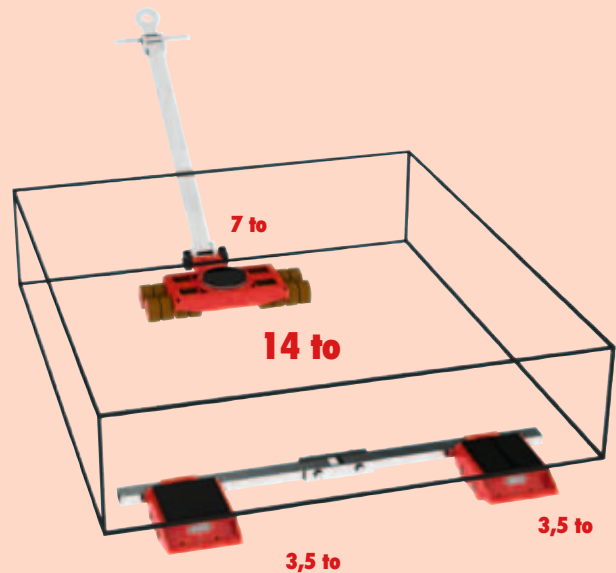
Available with:

Professional castor
JUWAihan® plus coated aluminium castor

for any floors
Order number 95 050 089-D

▶ Please refer to page 28-29 for additional roller information.

Example for load distribution on 14 tons trolley combination:



Castors with ball bearings guarantee easy motion

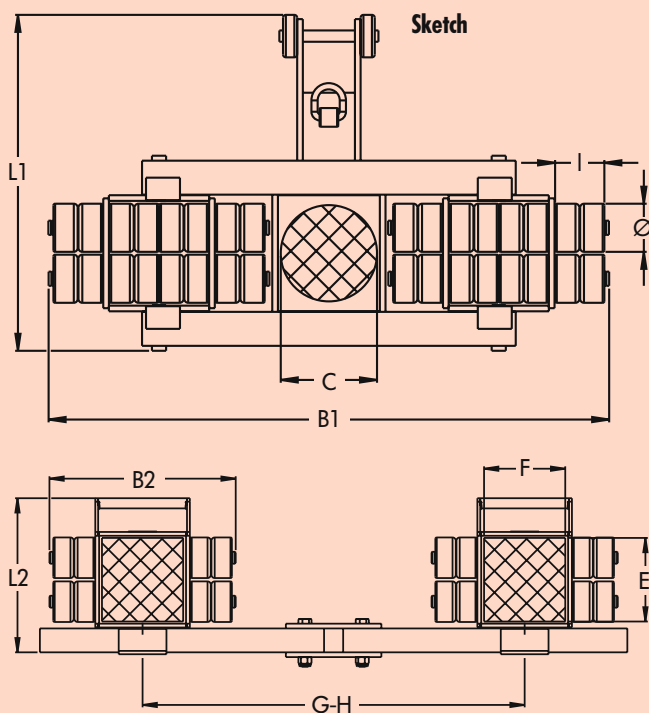
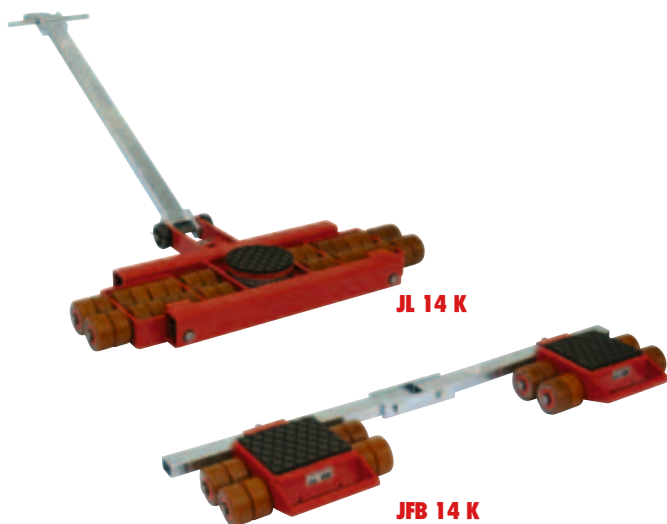
Load weight up to

Type	Sketch	14 metric tons		20 metric tons	
		JLB 7 K	JFB 7 K	JL 10 K	JFB 10 K
Load capacity	kg / lbs	7 000 / 15 400	7 000 / 15 400	10 000 / 22 000	10 000 / 22 000
Number of castors	pcs	8	8	12	12
Castors dimensions	Ø x l mm / in	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"
Fitting height	mm / in	110 / 4.3"	110 / 4.3"	110 / 4.3"	110 / 4.3"
Supporting surface per cassette	Ex F mm / in		175 x 170 / 6.9 x 6.7"		175 x 170 / 6.9 x 6.7"
Cassette dimensions	L2 x B2 mm / in		325 x 200 / 12.8 x 7.9"		325 x 390 / 12.8 x 15.4"
Connecting rod with joint	Length mm / in		1 230 / 48.4"		1 230 / 48.4"
Cassettes adjustable from - to	G - H mm / in		400 - 1 030 / 15.7 - 40.6"		400 - 1 030 / 15.7 - 40.6"
Supporting surface of turnable	Ø C mm / in	150 / 5.9"		170 / 6.7"	
Dimensions	L1 x B1 mm / in	445 x 590 / 17.5 x 23.2"		580 x 820 / 22.8 x 32.3"	
Handlebar with pulling eye	Length mm / in	1 120 / 44.1"		1 120 / 44.1"	
Weight professional	kg / lbs	36 / 79	27 / 59	56 / 123	35 / 77
Order-no. with professional		07 071 085-D	08 071 085-D	07 100 085-D	08 101 085-D

*JLB 3 K steering bar without pulling eye — **JFB 3 K without joint

Transport trolleys K-series professional

For load weights up to 28 metric tons



Advantages in detail

- Galvanized axles and safety clip rings for improved protection against corrosion.
- The double roller design results in dramatically easier steering due to reduced friction forces in curves. The much lower friction resistance also causes the rollers on the rear axis to follow in a truer course.
- Higher capacity at same dimension as K-series trolleys.
- All transport trolleys are ready for use: Steerable transport trolley includes ball bearing supported turntable and a handlebar, the adjustable-width transport trolley consists of two load cassettes and connecting rod.

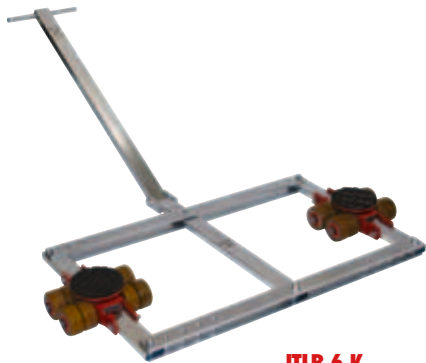
Load weight up to

28 metric tons

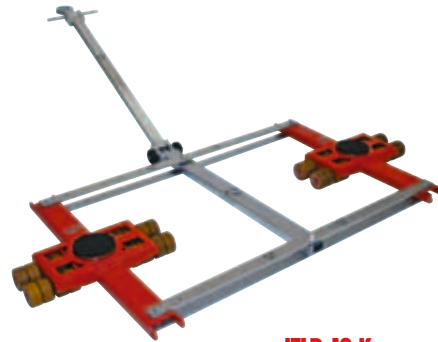
Type	Sketch		JL 14 K	JFB 14 K
Load capacity		kg / lbs	14 000 / 30 800	14 000 / 30 800
Number of castors		pcs	16	16
Castor dimensions	Ø x l	mm / in	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"
Fitting height		mm / in	110 / 4.3"	110 / 4.3"
Supporting surface per cassette	E x F	mm / in		175 x 170 / 6.9 x 6.7
Cassette dimensions	L2 x B2	mm / in		325 x 390 / 12.8 x 15.4
Connecting rod with joint	Length	mm / in		1 230 / 48.4"
Cassettes adjustable from - to	G - H	mm / in		400 - 1 030 / 15.7 - 40.6"
Supporting surface of turntable	Ø C	mm / in	170 / 6.7"	
Dimensions	L1 x B1	mm / in	580 x 100 / 22.8 x 39,3"	
Handlebar with pulling eye	Length	mm / in	1 120 / 44.1"	
Weight professional		kg / lbs	68 / 150	39 / 86
Order-no. with professional			07 140 085-D	08 141 085-D

Transport trolleys K-series professional

For load weights up to 12 metric tons



JTLB 6 K



JTLB 12 K

Available with:

Professional castor
JUWAthan® plus coated aluminium castor



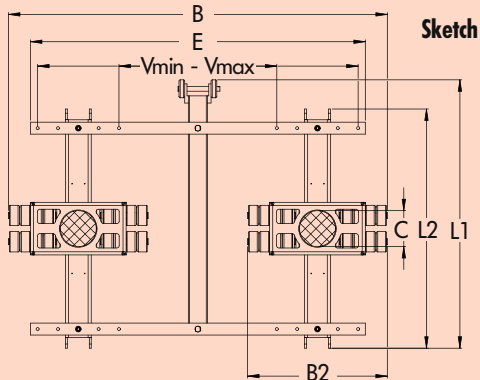
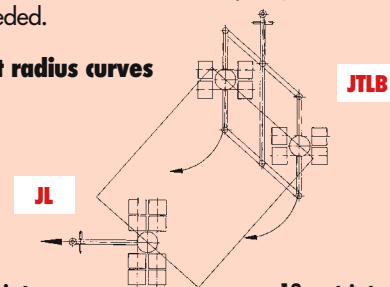
for any floors
Order number 95 050 089-D

▶ Please refer to page 28-29 for additional roller information.

Advantages in detail

- Galvanized axles and safety clip rings for improved protection against corrosion.
- The double roller design results in dramatically easier steering due to reduced friction forces in curves. The much lower friction resistance also causes the rollers on the rear axis to following in a truer course.
- Tandem transport trolley for loads with no leading or trailing edge centre support.
- Ready for use: 2 interconnected steerable trolleys with 2 handlebars and two tandem connecting rods.
- Multi-purpose use: Also useable as two single trolleys, each with half of the combined load capacity. No additional accessories needed.

For short radius curves



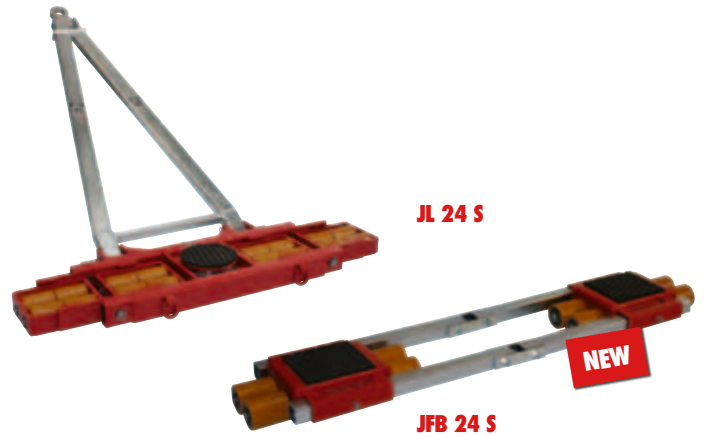
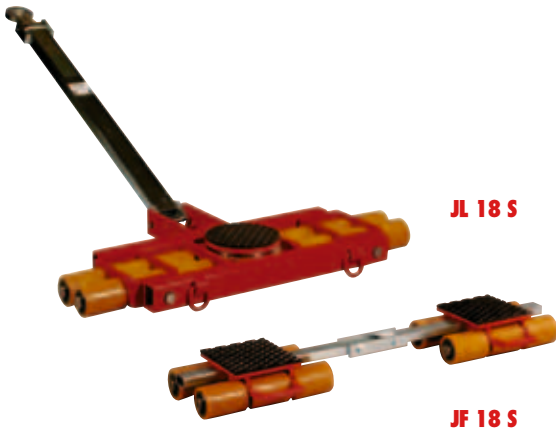
Load weight up to

Type	Sketch		6 metric tons JTLB 6 K	12 metric tons JTLB 12 K
Load capacity		kg / lbs	6 000 / 13 200	12 000 / 26 400
Number of castors		pcs	8	16
Castor dimensions	Ø x l	mm / in	85 x 85 / 3.3 x 3.3"	85 x 85 / 3.3 x 3.3"
Fitting height		mm / in	110 / 4.3"	110 / 4.3"
Cassette dimensions	L2 x B2	mm / in	600 x 280 / 23.6 x 11"	1 000 x 590 / 39.4 x 23.2"
Supporting surface per cassette	Ø C	mm / in	150 / 5.9"	150 / 5.9"
Connecting rod	E	mm / in	1 000 / 39.4"	1 400 / 55.1"
Adjustable from - to Vmin. -Vmax.		mm / in	560 -960* / 22 -37.3**	600 - 1 340* / 25.9 - 52.7**
Adjustable			5x	5x
Total length width	L1 x B1	mm / in	760 x 1 240 / 29.9 x 48.8"	1 070 x 1 580 / 42.1 x 62.1"
Handlebar with pulling eye	Length	mm / in	990** / 39**	1 120 / 44.1"
Weight professional		kg / lbs	37 / 82	104 / 229
Order-no. with professional			12 061 085-D	12 121 085-D

*other lengths on request **without pulling eye

Transport trolleys S-series

For load weights up to 48 metric tons



Available with:
JUWATHan-coated steel castors



for any floors
Order number 95 050 025-V

Available with:
Steel castors

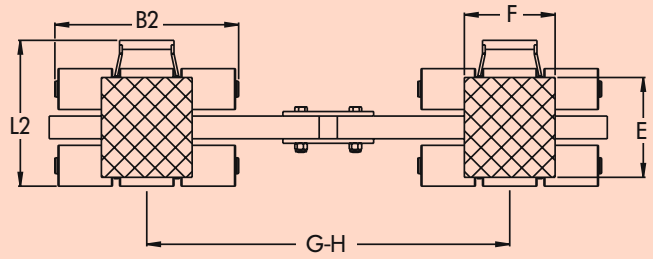
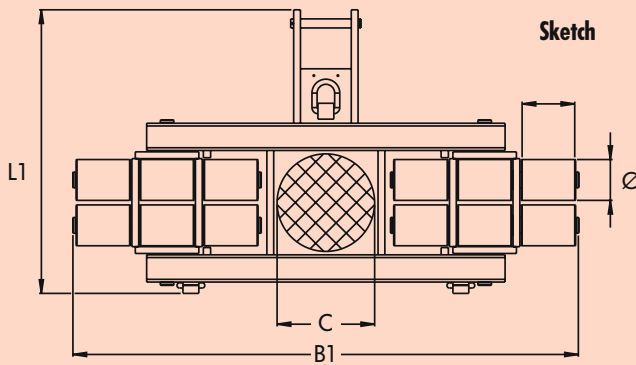


for insensitive floors
Order number 95 050 026-S

Advantages in detail

- Pivoting roller cassettes within the frame assure even pressure distribution across all rollers and across the floor. No need for complex and expensive hydraulic compensation system.
- Low height at only 125 mm / 4.9" with high capacity.

▶ Please refer to page 28-29 for additional roller information.



Type	Sketch	36 metric tons		48 metric tons	
		JL 18 S	JF 18 S	JL 24 S	JFB 24 S
Load capacity	kg / lbs	18 000 / 39 600	18 000 / 39 600	24 000 / 52 800	24 000 / 52 800
Number of castors	pcs	12	12	16	16
Castor dimensions	Ø x l mm / in	90 x 120 / 3.5 x 4.7"	90 x 120 / 3.5 x 4.7"	90 x 120 / 3.5 x 4.7"	90 x 120 / 3.5 x 4.7"
Fitting height	mm / in	125 / 4.9"	125 / 4.9"	125 / 4.9"	125 / 4.9"
Supporting surface per cassette	E x F mm / in		220 x 200 / 8.6 x 7.8"		200 x 220 / 7.9 x 8.7"
Cassette dimensions	L2 x B2 mm / in		260 x 410 / 10.2 x 16.1"		370 x 565 / 14.6 x 22.2"
Connecting rod with joint	Length mm / in		1 230 / 48.4"		2 x 1 540 / 60.6"
Cassettes adjustable from - to	G - H mm / in		420 - 1100 / 16.5 - 43.3"		700 - 1300 / 27.6 - 51.2"
Supporting surface of turntable	Ø C mm / in		215 / 8.5"		215 / 8.5"
Dimensions	L1 x B1 mm / in		600 x 1 120 / 23.6 x 44.1"		610 x 1 500 / 24 x 59"
Handlebar with pulling eye	mm / in		1 230 / 48.4"		1 590 / 62.6"
Weight JUWATHan Steel	kg - lbs		110 / 118 - 242 / 260		205 / 224 - 452 / 494
Order-no. with JUWATHan coated castors			05 180 090-V	06 180 090-V	05 240 090-V
Order-no. with steel castors			05 180 090-S	06 180 090-S	05 240 090-S

Transport trolleys G-series professional

For load weights up to 60 metric tons



JLB 15 G

JFB 15 G



JLB 22 G

JFB 22 G

Available with:

JUWathan® plus-coated aluminium core

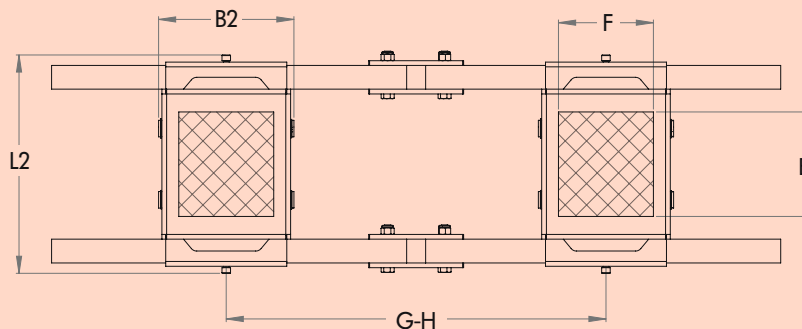
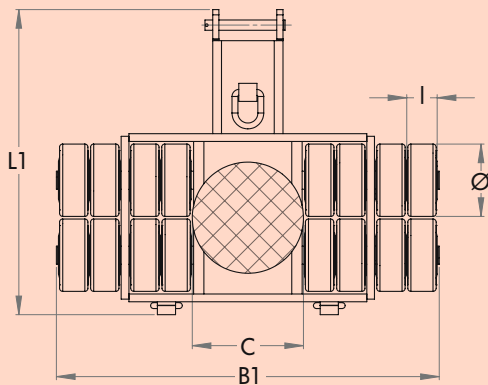


for any floors

Order number 95 050 047-V

▶ Please refer to page 28-29 for additional roller information.

Sketch

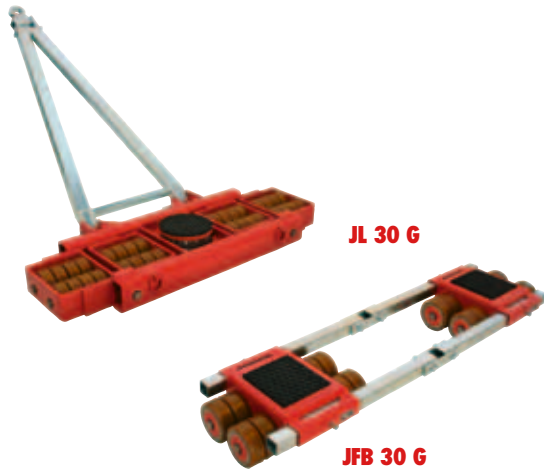


Load weight up to

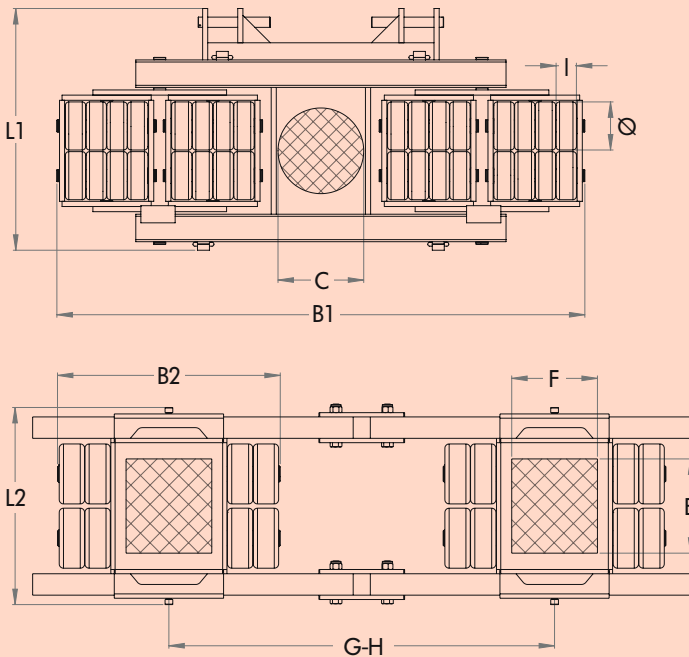
Type	Sketch	30 metric tons		45 metric tons		
		JLB 15 G	JFB 15 G	JLB 22 G	JFB 22 G	
Load capacity		kg / lbs	15 000 / 33 000	15 000 / 33 000	22 500 / 49 500	22 500 / 49 500
Number of castors		pcs	16	16	24	24
Castor dimensions	Ø x l	mm / in	140 x 59 / 5.5 x 2.3"	140 x 59 / 5.5 x 2.3"	140 x 59 / 5.5 x 2.3"	140 x 59 / 5.5 x 2.3"
Fitting height		mm / in	180 / 7.1"	180 / 7.1"	180 / 7.1"	180 / 7.1"
Supporting surface per cassette	E x F	mm / in		220 x 200 / 8.6 x 7.8"		220 x 200 / 8.6 x 7.8"
Cassette dimensions	L2 x B2	mm / in		460 x 285 / 18.0 x 11.1"		460 x 528 / 18.0 x 20.6"
Connecting rod with joint	Length	mm / in		2 x 1 540 / 60.6"		2 x 1 540 / 60.6"
Cassettes adjustable from - to	G - H	mm / in		475 - 1 300 / 18.7 - 54.3"		530 - 1 300 / 20.7 - 54.3"
Supporting surface of turnable	Ø C	mm / in	215 / 8.5"		215 / 8.5"	
Dimensions	L1 x B1	mm / in	565 x 741 / 22.2 x 29.1"		565 x 981 / 22.2 x 38.6"	
Handlebar with pulling eye	Length	mm / in	1 230 / 48.4"		1 450 / 57"	
Weight JUWathan plus		kg / lbs	96 / 212	88 / 194	129 / 284	113 / 249
Order-no. with JUWathan plus			09 151 140-V	10 151 140-V	09 221 140-V	10 221 140-V

Transport trolleys G-series professional

For load weights up to 60 metric tons



Sketch



Advantages in detail

- Pivoting roller cassettes within the frame assure even pressure distribution across all rollers and across the floor. No need for complex and expensive hydraulic compensation system.
- The double roller design results in dramatically easier steering due to reduced friction forces in curves. The much lower friction resistance also causes the rollers on the rear axis to follow in a truer course.
- All transport trolleys are ready for use: The steerable transport trolley is fitted with a ball bearing supported turntable and a handlebar (as shown in picture). The adjustable-width transport trolley consists of two transport units and connecting rod.

Load weight up to

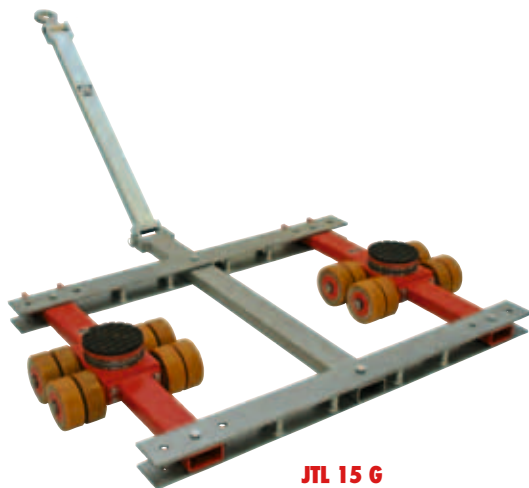
60 metric tons

Type	Sketch		JL 30 G	JFB 30 G
Load capacity		kg / lbs	30 000 / 66 100	30 000 / 66 100
Number of castors		pcs	32	32
Castor dimensions	$\varnothing \times l$	mm / in	140 x 59 / 5.5 x 2.3"	140 x 59 / 5.5 x 2.3"
Fitting height		mm / in	180 / 7.1"	180 / 7.1"
Supporting surface per cassette	E x F	mm / in		220 x 200 / 8.6 x 7.8"
Cassette dimensions	L2 x B2	mm / in		460 x 528 / 18.0 x 20.6"
Connecting rod with joint	Length	mm / in		2 x 1 540 / 60.6"
Cassettes adjustable from - to	G - H	mm / in		530 - 1 300 / 20.7 - 54.3"
Supporting surface of turntable	$\varnothing C$	mm / in	250 / 9.4"	
Dimensions	L1 x B1	mm / in	750 x 1 550 / 29.5 x 61"	
Handlebar with pulling eye	Length	mm / in	1 590 / 62.6"	
Weight JUWathan plus		kg	312 / 688	126 / 278
Order-no. with JUWathan plus			09 301 140-V	10 302 140-V

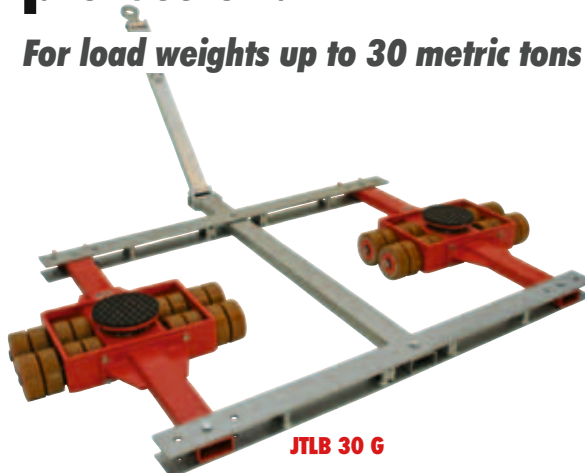
*other lengths on request

Transport trolleys G-series professional

For load weights up to 30 metric tons



JTL 15 G



JTLB 30 G

Available with:

JUWATHAN® plus-coated aluminium core

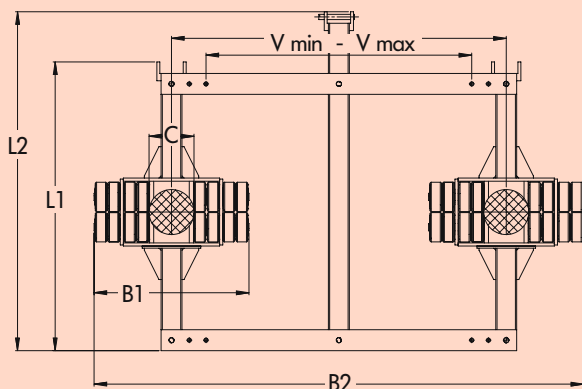


for any floors

Order number 95 050 048-V

Please refer to page 28-29 for additional roller information.

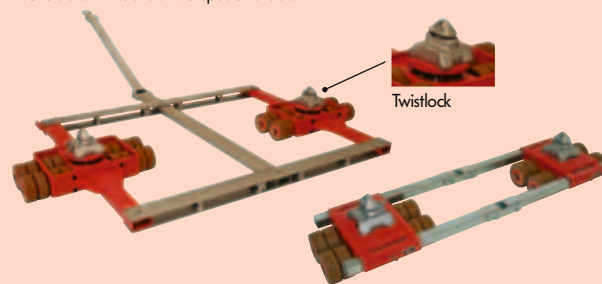
Sketch



Advantages in detail

- Large rollers warrant optimal rolling characteristics on uneven surfaces and rough pavements.
- Safely overcomes small ledges, cracks in the concrete and countersunk rail tracks.
- Multi-purpose use: Also useable as two single trolleys, each with half of the combined load capacity. No additional accessories needed.
- Custom solutions available: Ask for individual design with specific measurements and adjustable connections.

Available with twistlock via special order.



Load weight up to

Type	Sketch		15 metric tons JTL 15 G	30 metric tons JTLB 30 G
Load capacity		kg / lbs	15 000 / 33 000	30 000 / 66 100
Number of castors		pcs	16	16
Castor dimensions	Ø x l	mm / in	140 x 59 / 5.5 x 2.3"	140 x 59 / 5.5 x 2.3"
Fitting height		mm / in	180 / 7.1"	180 / 7.1"
Supporting surface of turntable	Ø C	mm / in	170 / 6.7"	215 / 8.5"
Dimensions	L1 x B1	mm / in	1 020 x 440 / 40.2 x 17.3"	1 328 x 740 / 54.3 x 29.1"
Width of track on connection rod	E	mm / in	1 330 / 52.4"	1 700 / 66.9"
Adjustable from-to Vmin. -Vmax.		mm / in	900 - 1 230* / 35.4-48.4"	1 270 - 1 600 / 50 x 63"
Adjustable			3x	3x
Dimensions	L2 x B2	mm / in	1 260 x 1670 / 49.5 x 65.6"	1 620 x 2 340 / 63.8 x 92.1"
Handlebar with pulling eye	Length	mm / in	1 230 / 48.4"	1 230 / 48.4"
Weight JUWATHAN plus		kg	168 / 370	291 / 642
Order-no. with JUWATHAN plus			12 150 140-V	12 302 140-V

*other lengths on request

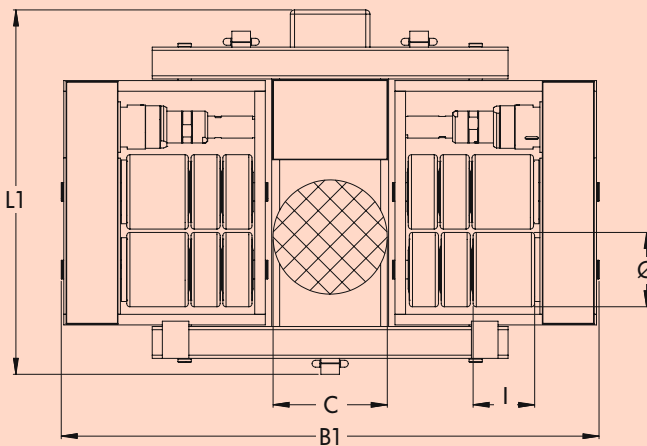
Self-powered trolley

**Load capacity 15 metric tons,
Pulling capacity 20 metric tons**

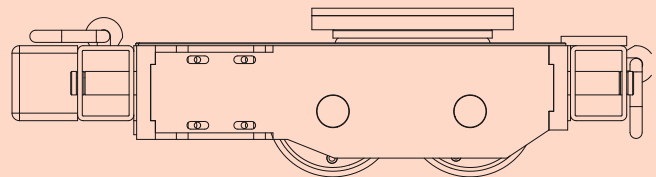


Advantages in detail

- Easy set-up. Connect pneumatic hose and go.
- No need for separate pulling vehicle.
- Similar dimensions as dollies in the same series.
- Low maintenance.
- All hoses are detachable creating compact system for easy transport.
- Capable of turning 180°.
- No need for electric power cable.
- Standard pneumatic connection 87 psi.



Sketch



Type	Sketch	JLA 15/20 G
Load capacity	kg / lbs	15.000 / 33.000
Pulling capacity	kg / lbs	20.000 / 44.000
Number of castors	pcs	4 G / 8 G 1/2
Castor dimensions	Ø x l mm / in	140 x 120 / 5.5 x 4.7" / 140 x 59 / 5.5 x 2.3"
Fitting height	mm / in	180 / 7.1"
Supporting surface of turntable	Ø C mm / in	215 / 8.5"
Dimensions	L 1 x B 1 mm / in	1070 x 700 / 42.1 x 27.5"
Weight	kg / lbs	250 / 551
Air consumption	L / sec.	25

Order No. with JUWAtan plus

22 150 140-V

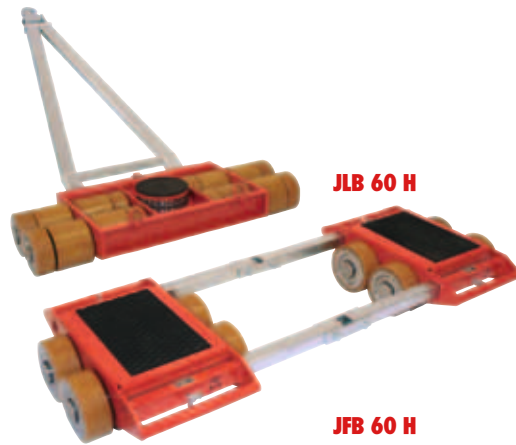
Trolleys Series H

Load capacity up to 120 metric tons



JLB 40 H

JFB 40 H



JLB 60 H

JFB 60 H

Available with:

JUWATHan-coated steel castors



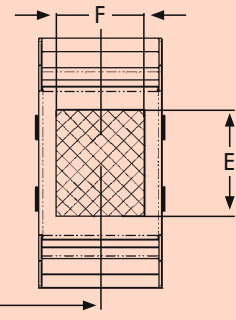
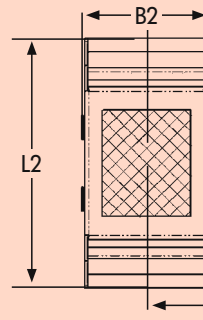
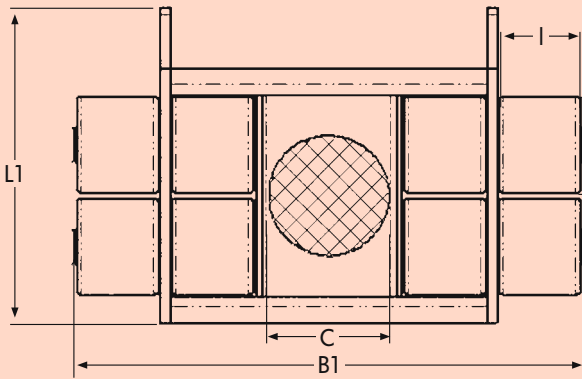
for any floors
Order number 95 050 053-V

Available with:

JUWATHan-coated steel castors



for any floors
Order number 95 050 090-V



Load weight up to

80 metric tons

120 metric tons

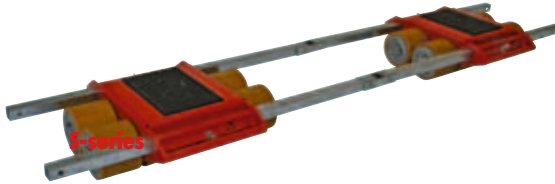
Type	Sketch		JLB 40 H	JFB 40 H	JLB 60 H	JFB 60 H
Load capacity		kg / lbs	40 000 / 88 000	40 000 / 88 000	60 000 / 132 000	60 000 / 132 000
Number of castors		pcs	8	8	8 / 8	8 / 8
Castors dimensions	$\varnothing \times l$	mm / in	200 x 170 / 7.9 x 6.7"	200 x 170 / 7.9 x 6.7"	200 x 170 / 85 / 79 x 67 / 33"	200 x 170 / 85 / 79 x 67 / 33"
Fitting height		mm / in	230 / 9.1"	230 / 9.1"	230 / 9.1"	230 / 9.1"
Supporting surface per cassette	E x F	mm / in		395 x 260 / 15.6 x 10.2"		395 x 260 / 15.6 x 10.2"
Cassette dimensions	L2 x B2	mm / in		740 x 395 / 29.1 x 15.6"		740 x 580 / 29.1 x 22.8"
Connecting rod with joint	Length	mm / in		2x 1 540 / 60.6"		2x 1 540 / 60.6"
Cassettes adjustable from - to	G - H	mm / in		585 - 1 155 / 23 - 45.5"		700 - 2 800 / 27.6 - 110.2"
Supporting surface of turnable	$\varnothing C$	mm / in	250 / 9.8"		250 / 9.8"	
Dimensions	L1 x B1	mm / in	650 x 1 060 / 25.6 x 41.7"		650 x 1 400 / 25.6 x 55.1"	
Handlebar with pulling eye	Length	mm / in	1 590 / 62.6"		1 590 / 62.6"	
Weight JUWATHan plus		kg / lbs	320 / 705	289 / 637	450 / 992	410 / 904
Order-no. with JUWATHan			09 400 200-H	10 400 200-H	09 600 200-H	10 600 200-H

Trolleys Series H

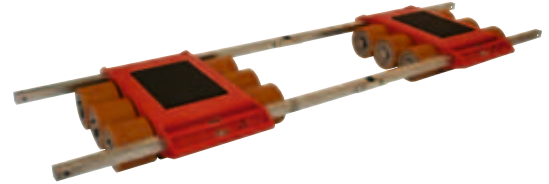
Load capacity up to 160 metric tons



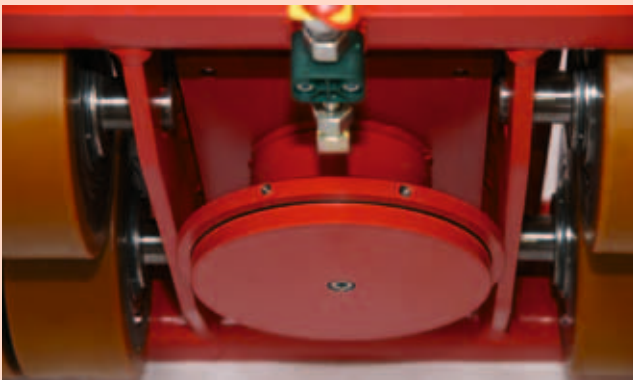
JL 80 H



JFB 80 H



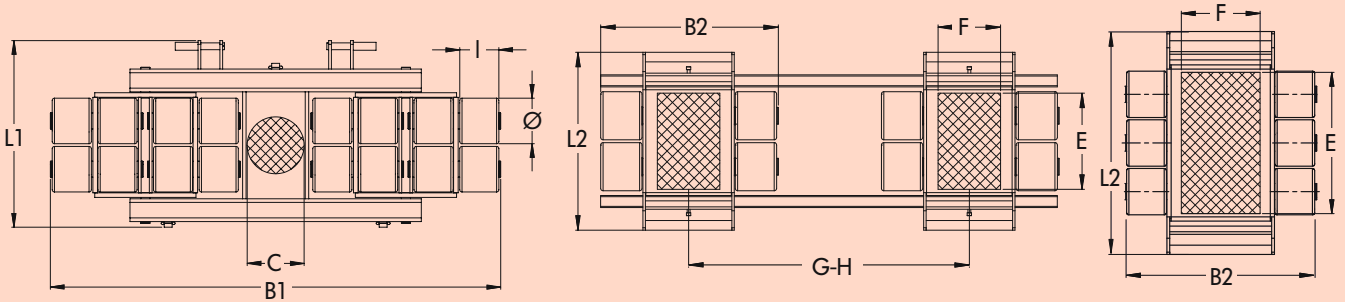
JFB 120 H



Turning assistance for H series trolleys available on request

Advantages in detail

- Outfitted with highest quality rollers as standard.
- Unrivalled: Small and lightweight trolleys at super high capacity.
- Reduced weight through advanced construction of frames.
- All transport trolleys are ready for use: The steerable transport trolley is fitted with a ball bearing supported turntable and a handlebar (as shown in picture). The adjustable-width transport trolley consists of two transport units and connecting rods.



Type	Sketch	JL 80 H	JFB 80 H	JFB 120 H
Load capacity	kg / lbs	80 000 / 176 000	80 000 / 176 000	120 000 / 265 000
Number of castors	pcs	16	16	24
Castors dimensions	Ø x l	mm / in	200 x 170 / 7.9 x 6.7"	200 x 170 / 7.9 x 6.7"
Fitting height	mm / in	240 / 9.4"	240 / 9.4"	240 / 9.4"
Supporting surface per cassette	E x F	mm / in	400 x 260 / 15.7 x 10.2"	440 x 300 / 17.3 x 11.8"
Cassette dimensions	L2 x B2	mm / in	750 x 820 / 29.5 x 32.2"	960 x 830 / 37.7 x 32.6"
Connecting rod with joint	Length	mm / in	2 x 3 000 / 118"	2 x 3 000 / 118"
Cassettes adjustable from - to	G - H	mm / in	1 630 - 3 380 / 64.1-132.9"	1 630 - 3 380 / 64.1-132.9"
Supporting surface of turntable	Ø C	mm / in	250 / 9.8"	
Dimensions	L1 x B1	mm / in	820 x 1 900 / 32.2 x 74.7"	
Handlebar with pulling eye	Length	mm / in	1 590 / 62.6"	
Weight JUWAtan plus	kg / lbs	723 / 1 594	565 / 1 246	815 / 1 797
Order-no. with JUWAtan		09 800 200-H	10 800 200-H	10 912 200-H

Sturdy castors for any application

High quality coatings

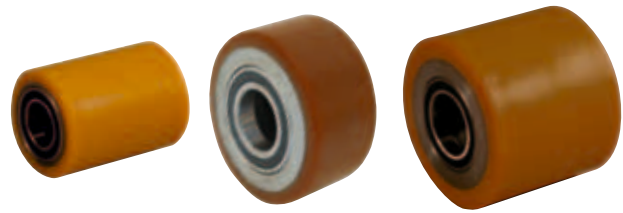


K-Series

K-Series Professional

G-Series

JUWATHAN® plus



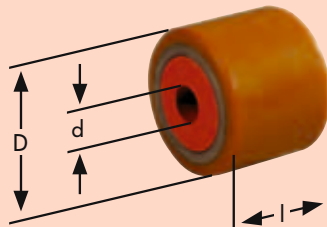
S-Series

H-Series

H-Series

JUWATHAN®

Sketch



Recommended use

Recommended use for	Castor type and coat		
	JUWATHAN® JUWATHAN® plus JUWATHAN® Professional	JUWAmid	Steel
Plain and clean floors	✓	✓	
For any floors, swarf resistant	✓		
Bad floors with roughness			✓

Details

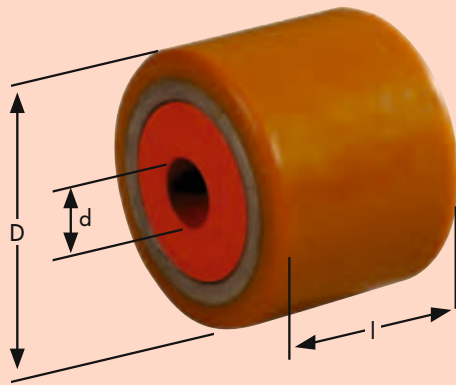
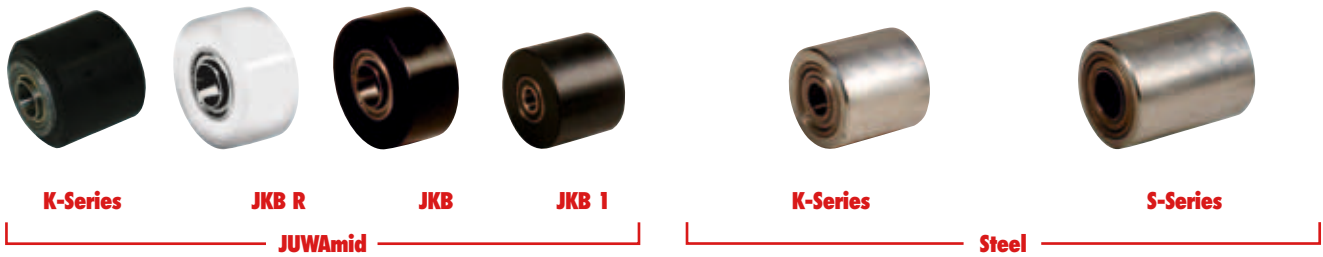
- **JUWATHAN® castor design:** The coating is molded around a steel core. Two precision ball bearings are pressed into the steel core.
- **JUWATHAN® plus castor design:** Based on the JUWATHAN roller, the new JUWATHAN-plus castor has a new and improved coating material and a more advanced construction. **NEW:** An aluminum core replaces the steel core for easier handling at the same strength. A polyurethane based lining material is bonded around the aluminum core. This construction reduces the rolling resistance and weight by nearly 30 percent.
- **JUWATHAN® Professional:** The professional series roller was developed based on the JUWATHAN plus roller. The side-by-side double roller system provides higher load capacity (2x2 ball bearings) and offers greatly reduced rolling resistance. Turning of the steerable trolley requires less force because the rollers can turn against one another resulting in extremely reduced friction between surface and roller. The much lower friction resistance also causes the rollers on the rear axis to follow in a truer course.

JUWATHAN® plus	Sketch	K-series*	K-series Professional*	G-series*	
Load capacity		kg / lbs	750 / 1 650	875 / 1 925	1 000 / 2 200
Outside diameter	D	mm / in	85 / 3.3"	85 / 3.3"	140 / 5.5"
Inside diameter	d	mm / in	25 / 1"	25 / 1"	35 / 1.4"
Fitting length	l	mm / in	85 / 3.3"	85 / 3.3"	59 / 2.3"
Weight		kg / lbs	0,85 / 1.9	0,95 / 2.1	1,50 / 3.3
Order-no.			95 050 057-V	95 050 089-D	95 050 047-V

JUWATHAN®	Sketch	S-series*	H-series*	H-series*	
Load capacity		kg / lbs	1 500 / 3 300	2 100 / 4 620	5 000 / 11 000
Outside diameter	D	mm / in	90 / 3.5"	200 / 7.9"	200 / 7.9"
Inside diameter	d	mm / in	35 / 1.4"	70 / 2.8"	70 / 2.8"
Fitting length	l	mm / in	120 / 4.7"	85 / 3.3"	170 / 6.7"
Weight		kg / lbs	1,75 / 3.9	8,5 / 18.7	18 / 39.7
Order-no.			95 050 025-V	95 050 090-V	95 050 053-V

*We grant 5 years of warranty on operability of our wheels except improper use or normal abrasion.

Our products are also available in galvanized steel



Details

- **JUWAmid castor design:** The coating is molded around a steel core. Two precision ball bearings are pressed into the steel core.
- **Steel castor design:** The steel body is made of a seamless steel tube. Two ball bearings are pressed into the body.

Steel	Sketch		K-Series	S-Series
Load capacity		kg / lbs	750 / 1 650	1 500 / 3 300
Outside diameter	D	mm / in	85 / 3.3"	90 / 3.5"
Inside diameter	d	mm / in	25 / 1"	35 / 1.4"
Fitting length	l	mm / in	85 / 3.3"	120 / 4.7"
Weight		kg / lbs	2,40 / 5.3	2,85 / 6.3
Order-no.			95 050 043-S	95 050 026-S

JUWAmid	Sketch		JKB I	JKB	JKB R	K-Series
Traglast		kg	750 / 1 650	375 / 825	375 / 825	750 / 1 650
Aussendurchmesser	D	mm	75 / 3"	85 / 3.3"	85 / 3.3"	85 / 3.3"
Innendurchmesser	d	mm	16 / 0.6"	25 / 1"	25 / 1"	25 / 1"
Rollenlänge	l	mm	60 / 2.4"	43 / 1.7"	43 / 1.7"	85 / 3.3"
Gewicht		kg	0,35 / 0.8	0,3 / 0.7	0,3 / 0.7	1 / 2
Order-no.			95 050 079-E	95 050 088-P	95 050 091-P	95 050 023-P

Galvanized steel equipment and custom designs

Based on standard product line

Advantages in detail

- Capable for employment in sensitive environments having to conform to standards such as clean rooms.
- Provides collision protection against chipping and peeling of finish.
- Improved defense against corrosion.
- Prevents damage from paint dissolving chemicals like turpentine.



JH 5 G plus



JH 13 P



JKB 3

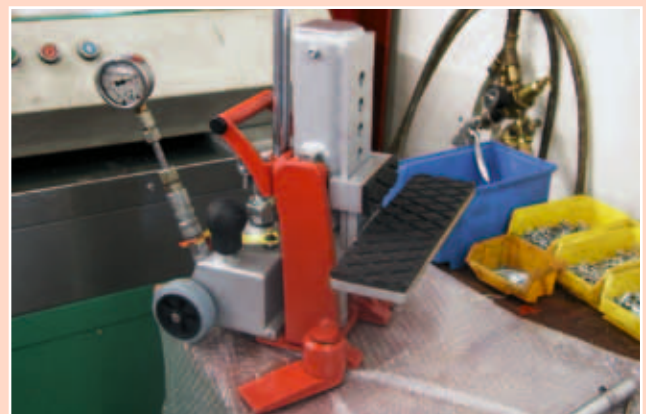


JLB 6 K



JFB 6 K

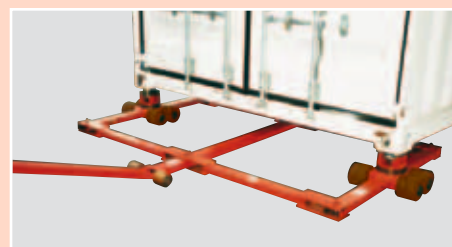
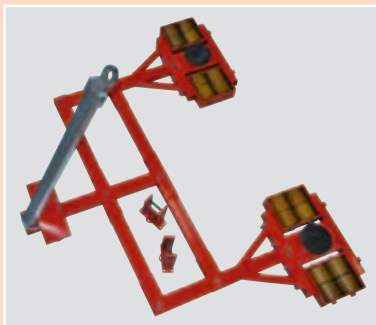
Examples for custom designs - jacks



Custom designs

Based on standard product line

Examples for custom designs - trolleys



**There is nothing better
than a satisfied customer..**



Consulting, sales and service:



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We reserve the right to make technical modifications which serve to improve function and quality.