# LIFTING AND TRANSPORT EQUIPMENT

# 2026
# 2027



JUNG

JUNG-HEBETECHNIK.DE

# JUST MOV

# E SAFELY.

**Our aim is** to make lifting and moving heavy loads easier, safer and more ergonomic for the user.

JUNG

# WE MAKE A DIFFERENCE. TONS OF IT.



ZDH ZERT

DIN EN ISO 9001
REG.-NR. Q1 0206008

INNOVATIV DURCH FORSCHUNG

Made by JUNG in Germany

KLIMAFIT

UNTERNEHMEN MACHEN KLIMASCHUTZ

## MADE IN GERMANY

We have over 50 years of experience in the development and manufacture of rigging equipment.
Our lifting and transport equipment has proven itself thousands of times as essential tools in all areas in which the movement of heavy loads is required.

## WARRANTY

We provide a 5-year warranty on all jacks and transport trolleys when products are used as directed – except for JLA-e, where we provide a 1 year warranty or 1000 operating hours.



## AVAILABILITY

As a rule, we have extensive stock for a large number of our series products. In most cases, the products are therefore available within a short time.

## QUALITY

You can always trust in the quality and durability of our products. To manufacture highest quality we use most modern machines and assure a continuously high standard by a certified quality management system.

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

Following products are ANSI/ASME (USA) tested:
JH G-plus, JH G-plus EX, JHS, JKB,
series K and M, series G.

## PROCESSES & ENVIRONMENT

As an ISO 9001 certified company we continuously improve our processes by involving our customers, employees and suppliers.

## REPAIR & MAINTENANCE SERVICE

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

# SOME STATIONS.

**JUNG on the move.**

**1972**

**FOUNDING**
Karl-Heinz Jung founds the company JUNG in Kernen near Stuttgart.

**1982**

**FIRST COMPANY BUILDING**
The first own company building is built at the current location in Waiblingen.

**1993**

**OWN SALES**
JUNG separates from former exclusive distribution partner and builds up its own sales dep.

**2001**

**NEW BUILDING**
JUNG doubles the production area by building a new hall at the Waiblingen site.

**2002**

**TUGGER TRAIN**
JUNG expands its product range and now also produces trailers for in-house logistics.

**2003**

**FOOT MASTER®**
JUNG starts selling FOOT MASTER® leveling castors.

**2008**

**INDUSTRIAL HYDRAULICS**
JUNG is again expanding its product range to include industrial hydraulics.

**2009**

**EXPANSION**
JUNG further expands the production area by another hall at the Waiblingen site.

**2014**

**NEW PRODUCT LINE**
JUNG presents the first electric-powered trolley JLA-e 15/30 G.

**2017**

**LIFTING BAGS**
JUNG starts the distribution of lifting bags.

**2017**

**GORR TRANSPORTTECHNIK**
JUNG acquires the company Gorr Transporttechnik GmbH in Eschwege.

**2020**

**SUPPORT TECHNOLOGY**
Expansion of the product range with support technology and surface protection

**2024**

**TRANSPORT PLATFORMS**
JUNG launches the exclusive distribution of Eyher transport platforms in Germany.

**2025**

**NEW BUILDING**
JUNG is moving into the new building at Biegelwiesenstrasse 22. The existing buildings will continue to be used.

**In several stages,** JUNG was expanded from a one-man operation to an international company. In the meantime JUNG has more than 65 employees. Many of them have been with the company for a long time, in some cases even completed their training at JUNG. Our employees have the goal of working together to achieve the best for our customers.

Our ambition for over 50 years is to make lifting and moving heavy loads easier, safer and more ergonomic for the user. According to our slogan: JUNG = Innovation, Karl-Heinz Jung and Thomas Würthele, together with the JUNG employees, have developed a large number of different devices to be able to offer the right product for every application.

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# JACKS

Technical drawings of the respective devices can be found at jung-hebetechnik.de

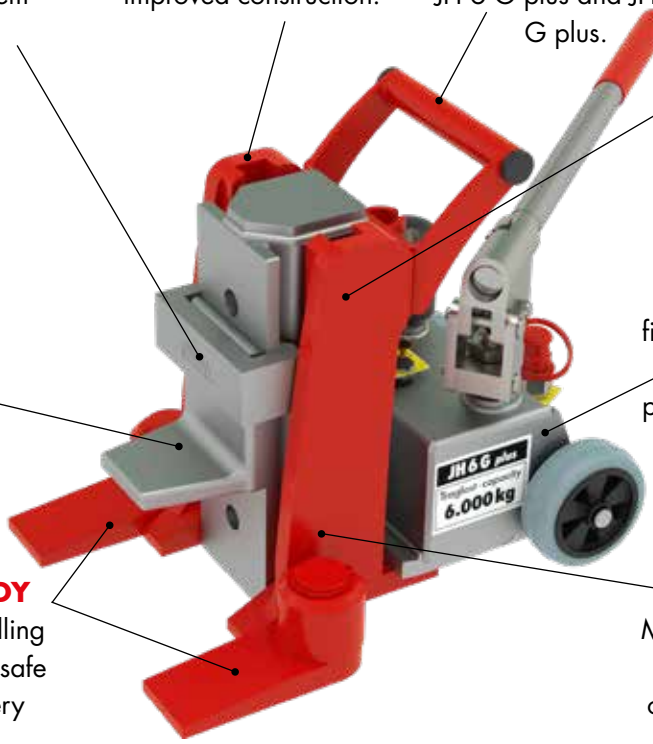
**Professional solutions. For professionals.**

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

**SAVE WEIGHT**
Extreme weight reduction by improved construction.

**FLEXIBLE**
Removable handle on JH 6 G plus and JH 10 G plus.

**EXPANDABLE**
Custom-made upon request, available with side handles and/or a standard handle.



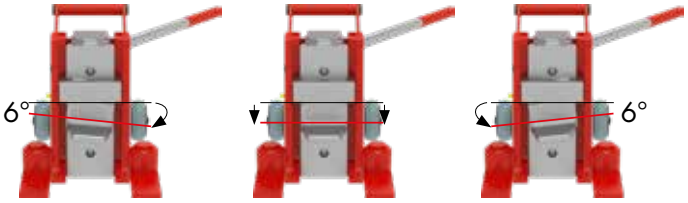

**SECURE AND TEAR RESISTANT**
Swiveling safety toe made from dieforged steel for extreme robustness that prevents fractures. The advanced strength steel is impact resistant and provides optimal safety.

**LOW COST**
Easy maintenance by 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.

**RELIABLE STURDY**
Sturdy, 180° swivelling feet – for easy and safe positioning in every situation.

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

Swiveling lifting toe for safe and optimal adjustment to loads on varying inclines up to +-6°.




**J** — JUNG High quality products

**H** — Jack (p. 14-16)
**HS** – Hydraulic jack (p. 18-19)
**D** — Pressure Block (p. 22-23)
**P** — Pump (p. 20)
**PL** – Pump Air Hydraulic (p. 20)
**PE** – Pump Electrical (p. 17)

**6** — Capacity in [metric tons]

**G PLUS SERIE** – slide shoe-system (p. 14-16)
**E+VS** — Electrical + Valve control (p. 22-23)
**NVR** — Needle valve with return (p. 17)

**EX** — External Pump (p. 16)
**KU** — Short Jack (p. 14)

# TRANSPORT-TROLLEYS

Technical drawings of the respective devices can be found at jung-hebetechnik.de

**Move safely.**

**PRACTICAL**
K-series and M-series steering bar with handle, from 6 t with towing eye.

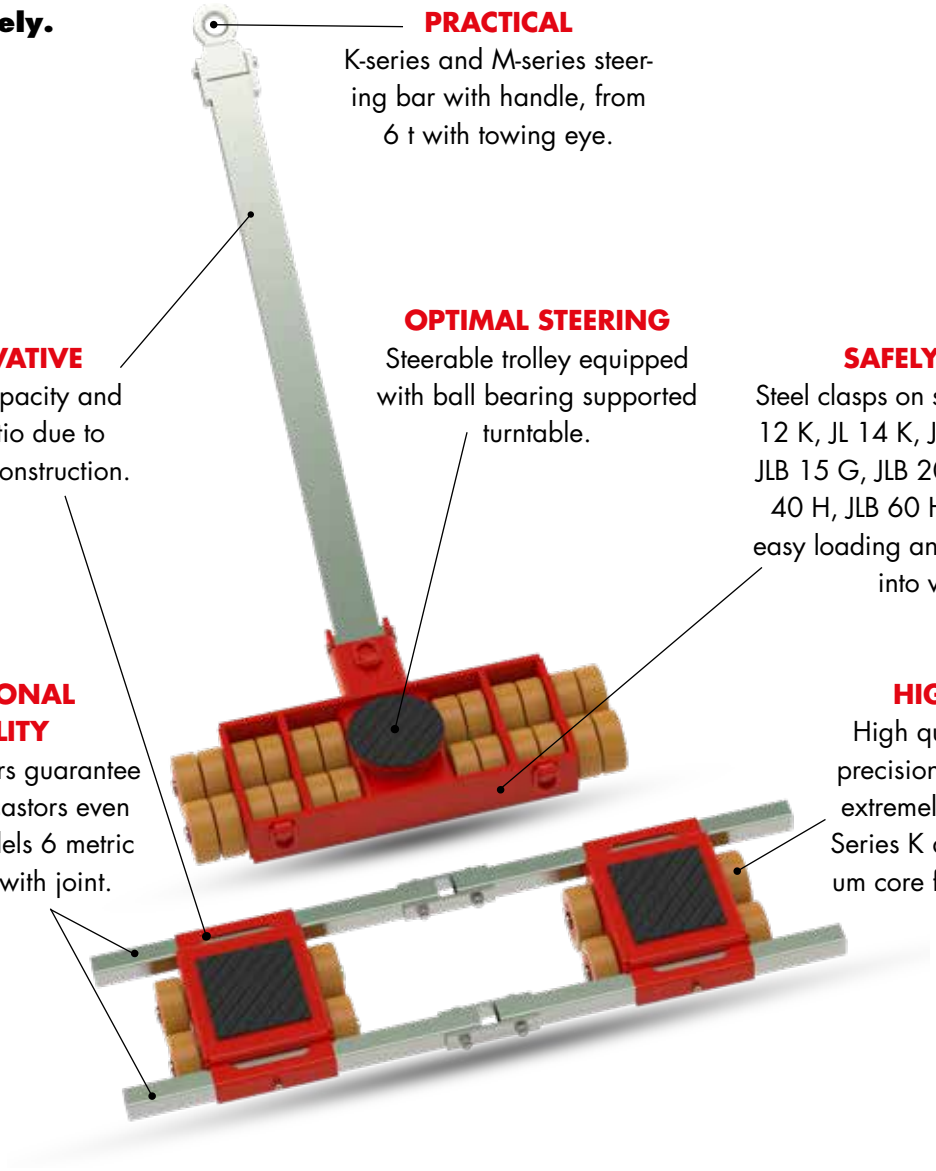
**INNOVATIVE**
Optimal capacity and weight ratio due to innovative construction.

**OPTIMAL STEERING**
Steerable trolley equipped with ball bearing supported turntable.

**SAFELY LOADED**
Steel clasps on steerable trolleys JL 12 K, JL 14 K, JLB 16 S, JLB 24 S, JLB 15 G, JLB 20 G, JLB 30 G, JLB 40 H, JLB 60 H and JL 80 H for easy loading and unloading from/into vehicles.

**DIRECTIONAL STABILITY**
Connecting bars guarantee alignment of castors even in curves, models 6 metric tons and up with joint.

**HIGH-QUALITY**
High quality castors with precision ball bearings and extremely durable coating. Series K and G with aluminium core for reduced weight.



**J** – JUNG – High quality products

**L** – Steerable
**F** – Straight-line

**B** – Bending construction
**A** – Driven

**LF** – Multi-Purpose trolleys (p. 38-41)

**TL** – Tandem transport trolley (p. 46-47)

**K** – Revolving transport trolley (p. 50-53)

**e** – Electrical (p. 60-65)
**p** – Pneumatic (p. 68-69)

**3** – Capacity in metric tons

**K** – For load weight up to 24 metric tons, Height: 110 mm (p. 26-27)
Professional
**K** – For load weight up to 28 metric tons, Height: 110 mm (p. 28-29)
**S** – For load weight up to 48 metric tons, Height: 125 mm (p. 30)
Professional
**G** – For load weight up to 60 metric tons, Height: 180 mm (p. 32-33)
Professional
**H** – For load weight up to 200 metric tons, Height: 230/240 mm (p. 34-35)
**M** – For load weight up to 15 metric tons, Height: 150 mm (p. 46-47)

# RESPONSIBILITY AWARENESS.



**CUSTOMER**

The satisfaction of our customers is in the center of our efforts. Due to our creativity and our expertise, we realize individual customer requests.

**STAFF**

The company's success is depending on our staff members. Therefore, we are continuously investing in training and development and support the experience and competence through long-term employment.



## SOCIAL COMMITMENT

We are a part of Waiblingen and are glad to support regional social and charitable organizations.

## ENVIRONMENT

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

# LIFT SAFELY.

**Easy. Handy. Strong.**



JUNG


JH 10G plus
10.000

# JACKS
# SERIES JH-G PLUS

**INSPECTED.**
According to technical regulation DGUV V54 (Germany) and ANSI/ASME (USA)

**With integrated pump unit, for loads up to 20 metric tons**

## DESCRIPTION

■ JH 15/JH 20 G plus serial outfitted with fast stroke. Also available with spring return.

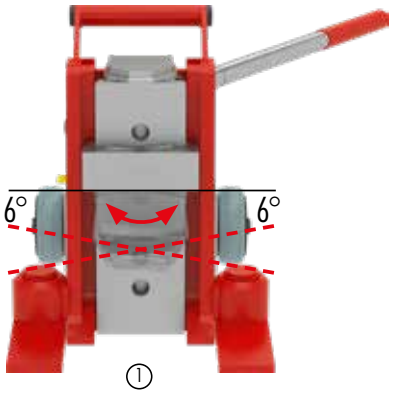
■ Reduced maintenance costs due to easily replaceable slide shoes and a removable pump unit.

■ Continuous adjustment to the load due to swiveling safety toe. Secure and stable in every situation, even in lifted position (see picture 1).

■ Extremely lightweight with high performance due to the use of high quality material and innovative design.

■ Die-forged steel toe provides impact resistance.

■ Safe operation due to ergonomic lowering screw.




ACCESSORIES
Page 21



| TYPE | | | JH 6 G PLUS | JH 10 G PLUS | JH 10 G PLUS KU |
|---|---|---|---|---|---|
| Load capacity on top plate | | kg | 6 000 | 10 000 | 10 000 |
| Stroke | | mm | 140 | 150 | 108 |
| Minimum lift toe height | h 1 | mm | 12 | 15 | 15 |
| Maximum lift toe height | h 2 | mm | 157 | 180 | 138 |
| Lift toe adjustment | V | mm | 6 x 29 | 5 x 41 | 4 x 41 |
| Top plate height | H 1 | mm | 245 | 275 | 233 |
| Toe width front | L b | mm | 50 | 60 | 60 |
| Toe depth | n L | mm | 50 | 55 | 55 |
| Length feet in front | L 2 | mm | 326 | 346 | 346 |
| Length feet on side | L 1 | mm | 311 | 330 | 330 |
| Width | B | mm | 233 | 247 | 247 |
| Height | H 2 | mm | 280 | 310 | 233 |
| Cylinder volume | | Liter | 0,18 | 0,3 | 0,21 |
| Weight | | kg | 22 | 29 | 28 |
| **ORDER NO.** | | | **01 060 102-G** | **01 100 102-G** | **01 100 103-G KU** |



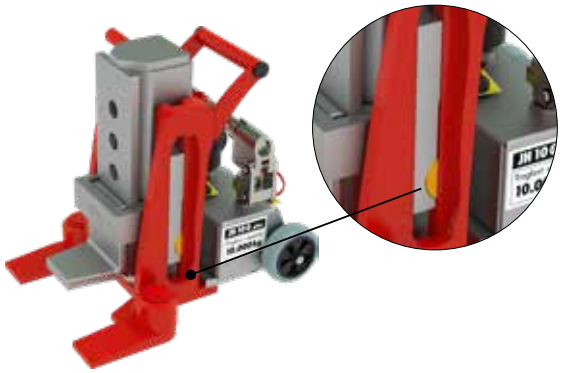
JH 15 G plus in use combined with our JL 9 K



**Custom orders available upon request:**
Left: JH 6 G plus with standard handle and side handles
Right: JH 10 G plus with side handles, without standard handle

## NEW SLIDE SHOE DESIGN

- More power on the lift toe.
- By optimizing materials, resource consumption is effectively reduced.
- The optimized geometry results in reduced tilting moments and increased stability.
- The simplified/reduced component design reduces the maintenance required.
- Less labour required for the same load due to reduced friction.







| TYPE | | | JH 15 G PLUS | JH 20 G PLUS |
|---|---|---|---|---|
| Load capacity on top plate | | kg | 15 000 | 20 000 |
| Stroke | | mm | 175 | 190 |
| Minimum lift toe height | h 1 | mm | 20 | 20 |
| Maximum lift toe height | h 2 | mm | 205 | 225 |
| Lift toe adjustment | V | mm | 5 x 46 | 5 x 51 |
| Top plate height | H 1 | mm | 310 | 340 |
| Toe width front | L b | mm | 80 | 80 |
| Toe depth | n L | mm | 64 | 64 |
| Length feet in front | L 2 | mm | 415 | 425 |
| Length feet on side | L 1 | mm | 393 | 405 |
| Width | B | mm | 322 | 322 |
| Height | H 2 | mm | 310 | 340 |
| Cylinder volume | | Liter | 0,5 | 0,73 |
| Weight | | kg | 48 | 60 |
| ORDER NO. | | | 01 150 102-G | 01 200 102-G |

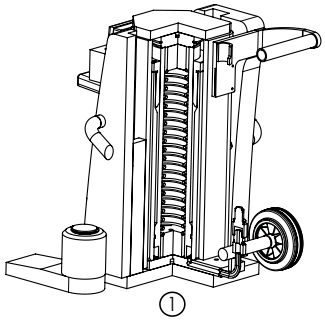
# JACKS
# SERIES JH-G PLUS EX

**INSPECTED.**
According to technical regulation DGUV V54 (Germany) and ANSI/ASME (USA)

**Without integrated pump unit, for loads up to 30 metric tons**

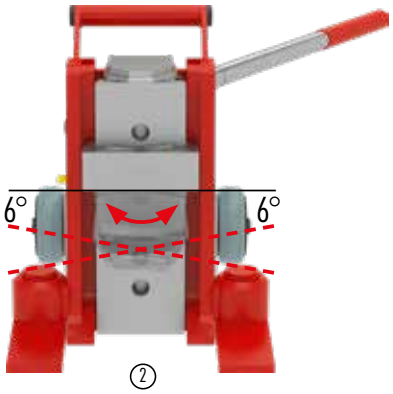
## DESCRIPTION

■ Integrated spring return retracts piston automatically (see picture 1) on JH 15 up to JH 30 G plus Ex.




■ 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 stability in every situation even in lifted position (see picture 2).




■ Reduced maintenance costs due to removable stroke unit and easily replaceable slide shoes.

■ **New slide shoe design***
(see Page 15)

*Does not apply to JH 30 G Plus EX

External pump necessary. Please refer to page 17 for electrical pumps, page 20 for hand pumps, for hydraulic hoses to page 21.




| TYPE | | | JH 10 G PLUS EX | JH 15 G PLUS EX | JH 20 G PLUS EX | JH 30 G PLUS EX |
|---|---|---|---|---|---|---|
| Load capacity on top plate | | kg | 10 000 | 15 000 | 20 000 | 30 000 |
| Stroke | | mm | 150 | 175 | 190 | 200 |
| Minimum lift toe height | h 1 | mm | 15 | 20 | 20 | 20 |
| Maximum lift toe height | h 2 | mm | 180 | 205 | 225 | 304 |
| Lift toe adjustment | V | mm | 5 x 41 | 5 x 46 | 5 x 51 | 5 x 71 |
| Top plate height | H 1 | mm | 275 | 310 | 340 | 420 |
| Toe width front | L b | mm | 60 | 80 | 80 | 80 |
| Toe depth | n L | mm | 55 | 64 | 64 | 64 |
| Length feet in front | L 2 | mm | 270 | 340 | 360 | 380 |
| Length feet on side | L 1 | mm | 251 | 230 | 330 | 370 |
| Width | B | mm | 247 | 300 | 322 | 375 |
| Height | H 2 | mm | 308 | 310 | 340 | 420 |
| Cylinder volume | | Liter | 0,3 | 0,5 | 0,73 | 1,27 |
| Weight | | kg | 29 | 42 | 55 | 95 |
| **ORDER NO.** | | | ■ 11 610 106-G | ■ 11 615 106-G | ■ 11 620 106-G | ■ 11 630 106-G |

# ELECTRICAL PUMPS JPE

**Powerful and quick**

See pages 14-19 for suitable jacks and page 21 for hydraulic hoses.

## DESCRIPTION

- Quick connectors with drip free rapid closure valves.
- One oil circuit capable of supplying two or four hydraulic jacks.
- For the single-sided lifting of loads using two lifting devices, we recommend the JPE electric pump, the JP 26 hand pump, or the JPL 15 air-hydraulic pump (see page 20).
- **Easily controllable**: JPE 30-NVR with precision lowering regulator.



Electric pump JPE 30/4 NVR with 4 jacks in operation.

- Sturdy two stage electric pumps available in different versions.
- Easy handling.
- Includes transport cart for easy and safe transport (JPE 30NVR).
- Also available as 110 V, 50 Hz.
- Maximum safety during operation due to cable remote control.

**SUITABLE JACKS FOR FÜR ELECTRICAL PUMPS***

| JACKS | JPE 20/2 | JPE 30 NVR |
|---|---|---|
| JH 6 G plus | 1 to 2 | 1 to 4 |
| JH 10 G plus / G plus ku / G plus EX | 1 to 2 | 1 to 4 |
| JH 15 G plus / G plus EX | 1 to 2 | 1 to 4 |
| JH 20 G plus / G plus EX | 1 to 2 | 1 to 2 |
| JH 30 G plus EX | 1 to 2 | 1 |
| JHS 5 | 1 to 2 | 1 to 4 |
| JHS 10 | 1 to 2 | 1 to 4 |
| JHS 10 ku | 1 to 2 | 1 to 4 |

*More Information can be found at jung-hebetechnik.de.

**JPE30 NVR**

**Standard version**
Equipped with 2 hydraulic connections with precise adjustable needle valves and 1 manometer.

**JPE30/4 NVR**

**Extended version**
Equipped with 4 hydraulic connections, each equipped with precise adjustable needle valves and 1 manometer.







**ELECTRICAL PUMPS WITHOUT HOSES**

| TYPE | | JPE 20/2 | JPE 30 NVR | JPE 30/4 NVR |
|---|---|---|---|---|
| Oil volume complete/usable | L | 5/3,7 | 7,6/4,8 | 7,6/4,8 |
| Working pressure | bar | 520 | 520 | 520 |
| Connections | pcs. | 2 | 2 | 4 |
| Flow rate low pressure | L/min. | 2,5 - 7 bar | 3, 9 - 7 bar | 3,9 - 7 bar |
| Flow rate high pressure | L/min. | 0,45 - 520 bar | 0,33- 520 bar | 0,33 - 520 bar |
| Motor facts | | 230 V, 50 Hz, 5 A | 230 V, 50 Hz, 5 A | 230 V, 50 Hz, 5 A |
| Dimensions L x W x H* | mm | 420 x 205 x 300 | 680*(900**) x 330 x 600 | 680*(900**) x 330 x 600 |
| Total weight with oil | kg | 18 | 38 | 41 |
| Usable jacks | | any hydraulic jacks | any hydraulic jacks | any hydraulic jacks |
| **ORDER NO.** | | **03 200 200-EU** | **03 300 202-EU** | **03 300 402-EU** |

*Without push handle **With push handle

You can find more information about suitable jacks on our website

# HYDRAULIC JACK SETS SERIES JHS

**For loads up to 20 metric tons**

**INSPECTED.**
According to technical regulation DGUV V54 (Germany) and ANSI/ASME (USA)

CE

## DESCRIPTION

■ 180° revolving housing, this allows the jack to be placed with long or with short feet to the load, if there is no space available under it.

■ **More safety** distance to the load because of the use of a separate pump and hoses.

■ **Extra-large lift height:** JHS 5 with lift toe 240 mm, with top plate maximum 580 mm. JHS 10 with lift toe 260 mm, with top plate maximum 610 mm.

■ Can also be used horizontally for pressing.

■ Large load capacity – up to 20 metric tons in set - with low net weight, therefore perfect for use on site or on the way due to easy change of location.



JSET 10/2



JSET 20/3

**HYDRAULIC JACKS WITH PUMP AND HOSES IN ONE SET**

| TYPE | JSET 5/2 | JSET 10/2 | JSET 10/3 | JSET 20/3 |
|---|---|---|---|---|
| Jack | 1 x JHS 5 | 2 x JHS 5 | 1 x JHS 10 | 2 x JHS 10 |
| Hose | 1 x JS 2 | 2 x JS 2 | 1 x JS 3 | 2 x JS 3 |
| Pump | JP 26 | JP 26 | JP 26 | JP 26 |
| **ORDER NO.** | **20 405 200-S** | **20 410 200-S** | **20 410 301-S** | **20 420 301-S** |

**SINGLE HYDRAULIC JACKS JHS WITHOUT PUMP AND HOSE**

| TYPE | | | JHS 5 | JHS 10 |
|---|---|---|---|---|
| Load capacity on top plate | | kg | 5 000 | 10 000 |
| Minimum lift toe height | h 1 | mm | 15 | 20 |
| Maximum lift toe height | h 2 | mm | 240 | 260 |
| Top plate height | H 1 | mm | 350 | 370 |
| Maximum top plate height | H 2 | mm | 580 | 610 |
| Toe width front | L b | mm | 45 | 60 |
| Usable toe depth | n L | mm | 40 | 55 |
| Diameter top plate | d | mm | 60 | 80 |
| Length toe supported | L 2 | mm | 170 | 205 |
| Length toe exposed | L 1 | mm | 220 | 260 |
| Width | B | mm | 145 | 200 |
| Cylinder volume | | L | 0,3 | 0,47 |
| Weight | | kg | 11 | 20 |
| **ORDER NO.** | | | **01 020 050-0** | **01 020 101-0** |

## DESCRIPTION

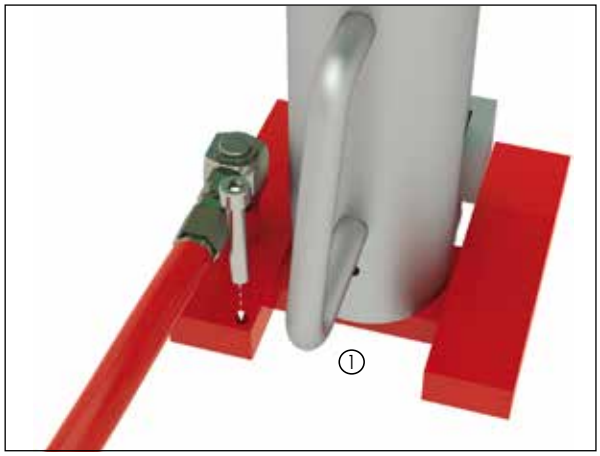
■ JHS 10 ku as set (JSET 20/3 ku) suits perfectly to the container transport trolleys (see page 40-41).

■ High capacity at low weight.

■ Swiveling elbowed nipple allows hose connection from various directions.

■ Continuous adjustment to the load due to swiveling safety toe. Secure and stable in every situation, even in lifted position (see picture 1 page 14).

■ Pump unit separated from jack, flexible use, ideal also for confined spaces, also operates in horizontal position.




JHS 10 ku with practical swivel protection.

■ JHS 10 ku with practical swivel protection. This avoids damage to the hose (see picture 1).

External pump necessary. Please refer to page 17 for electrical pumps, page 20 for hand pumps, for hydraulic hoses to page 21.



JSET 20/3 KU

**HYDRAULIC JACKS WITH PUMP AND HOSES IN ONE SET**

| TYPE | JSET 10/3 KU | JSET 20/3 KU |
|---|---|---|
| Jack | 1 x JHS 10 ku | 2 x JHS 10 ku |
| Hose | 1 x JS 3 | 2 x JS 3 |
| Pump | JP 26 | JP 26 |
| ORDER NO. | 20 410 305-S | 20 420 305-S |

**SINGLE HYDRAULIC JACK JHS 10 KU WITHOUT PUMP AND HOSE**

| TYPE | | | JHS 10 KU |
|---|---|---|---|
| Load capacity on top plate | | kg | 10 000 |
| Minimum lift toe height | h 1 | mm | 20 |
| Maximum lift toe height | h 2 | mm | 288 |
| Lift toe adjustment | V | mm | 5 x 41 |
| Top plate height | H 1 | mm | 265 |
| Maximum top plate height | H 2 | mm | 373 |
| Toe width front | L b | mm | 60 |
| Usable toe depth | n L | mm | 55 |
| Diameter top plate | d | mm | 95 |
| Length toe supported | L 2 | mm | 205 |
| Length toe exposed | L 1 | mm | 260 |
| Width | B | mm | 200 |
| Cylinder volume | | Liter | 0,21 |
| Weight | | kg | 20 |
| ORDER NO. | | | 01 020 105-0 |

# HAND PUMP JP AND AIR HYDRAULIC PUMP JP/JPL

**Light and sturdy**

## DESCRIPTION

- Sturdy construction, yet light-weight and easy to handle.
- Pressure limiting valve provides safety against overloading.
- Optimally compatible with our hydraulic jacks.
- JPL 15 with adjustable working pressure.
- Pumps are equipped with integrated quick-lift for faster working.



Handpump JP 26 with JHS 10 ku.

**SUITABLE JACKS TO USE WITH A HAND PUMP/AIR HYDRAULIC PUMP**

| JACKS | JP 26 | JPL 15 |
|---|---|---|
| JH 6 G plus | 1 to 2 | 1 to 2 |
| JH 10 G plus / G plus ku / G plus EX | 1 to 2 | 1 to 2 |
| JH 15 G plus / G plus EX | 1 to 2 | 1 to 2 |
| JH 20 G plus / G plus EX | 1 | 1 to 2 |
| JH 30 G plus EX | - | 1 |
| JHS 5 | 1 to 2 | 1 to 2 |
| JHS 10 | 1 to 2 | 1 to 2 |
| JHS 10 ku | 1 to 2 | 1 to 2 |

*You can find more information on our website.





| | | HYDRAULIC HAND PUMPS | AIR HYDRAULIC PUMPS |
|---|---|---|---|
| **TYPE** | | **JP 26** | **JPL 15** |
| Oil volume complete/usable | L | 2,3/2,2 | 1,5/1,5 |
| Working pressure | bar | 520 | 0-700** |
| Flow rate without load | L / min | - | 1,07 |
| Flow rate with load | L / min | - | 0,18 |
| Air connection | bar | - | 7-14 |
| Flow rate per stroke | L | 0,0132 (0-14 bar)/0,0023 (14-520 bar) | - |
| Connections | pcs. | 2 | 2 |
| Dimensions L x W x H | mm | 770 x 169* x 175 | 380 x 136 x 185 |
| Weight | kg | 14 | 9 |
| **ORDER NO.** | | **02 260 000-P** | **02 150 000-PL** |

*Width foot plate **adjustable

# USEFUL ACCESSORIES

## For hydraulic jacks and pumps



01



02



03



04



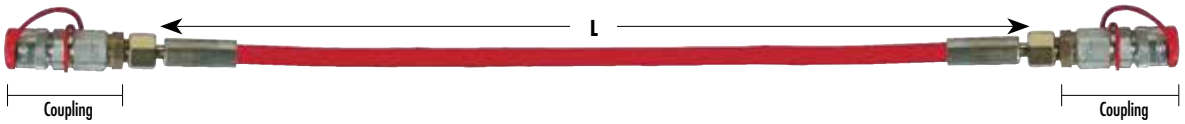
05



06

| | DIMENSIONS | CATALOGUE PAGE | ORDER NO. |
|---|---|---|---|
| **01**<br>Manometer for pumps | Ø 63 mm | 17+20 | 94 040 024-E |
| **02**<br>Handle for JH 10 G plus ku and 6/10 G plus<br>To screw on attachment – for jacks | H x W x L mm<br>110 x 125 x 55 | 14 | 91 106 260-B |
| **03**<br>Plug-on manometer<br>For pressure testing or pressure monitoring jacks | Ø 63 mm | 14-16 | 94 001 024-B |
| **04**<br>Assembly of hollow piston with spring return<br>Re-fitting of hydraulic jacks type JH 15 G Plus<br>Re-fitting of hydraulic jacks type JH 20 G Plus | <br><br>Ø 60 mm<br>Ø 70 mm | <br><br>15<br>15 | <br><br>91 156 457-B<br>91 206 457-B |
| **05**<br>Special toe for ISO-containers<br>For JH 6 G plus<br>For JH 10 G plus<br>For JH 15 G plus<br>For JH 20 G plus | <br><br>87 x 80 x 90 mm<br>90 x 85 x 100 mm<br>98 x 110 x 110 mm<br>98 x 110 x 110 mm | <br><br>14<br>14<br>15<br>15 | <br><br>91 999 060-B<br>91 999 100-B<br>91 999 150-B<br>91 999 200-B |
| **06**<br>Adapter for hose extension JS<br>All hoses | 120 mm | 21 | 15 999 001-NN |

**HYDRAULIC HOSES FOR OUR HAND PUMP, AIR HYDRAULIC PUMP, AND ELECTRICAL PUMPS:**




Hydraulic hose (safety factor 4:1), max. working pressure 700 bar, oil-filled, ready for use

| TYPE | | JS 2 | JS 3 | JS 4 | JS 6 | JS ... |
|---|---|---|---|---|---|---|
| Drip free couplings | no. | 2 | 2 | 2 | 2 | 2 |
| Length | L = mm | 2 000 | 3 000 | 4 000 | 6 000 | variable* |
| **ORDER NO.** | | **15 200 002-0** | **15 300 002-0** | **15 400 002-0** | **15 600 002-0** | **15 ...-002**** |

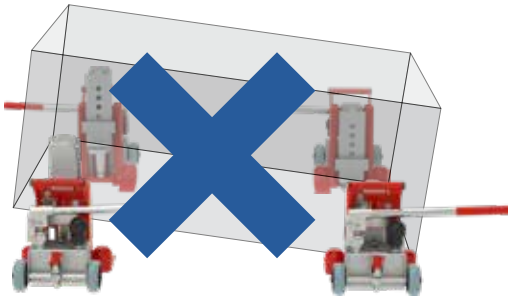
*available up to 15000 mm **... = . . . enter L in cm

# HYDRAULIC PRESSURE BLOCKS JD

**Safe and powerful**

## WARNING! DANGER OF TILTING WITHOUT HYDRAULIC PRESSURE BLOCK

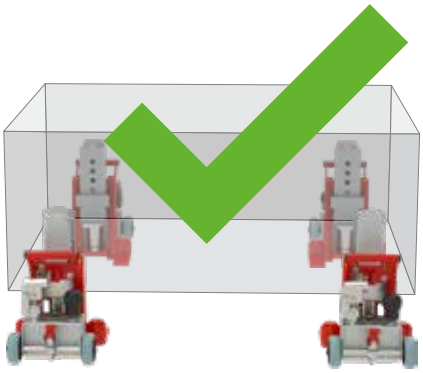
When lifting manually with four independent jacks, the load can tip over. The danger is even greater when lowering the load as this happens faster than lifting. Tipping the cargo can be the consequence.



## Safety with hydraulic pressure block

Advantages of working with hydraulic pressure block:

- Safer working without danger of tilting
- Time-saving
- One-person-operation







**THE FOLLOWING TYPES OF PRESSURE BLOCKS ARE AVAILABLE:**

| TYPE | | | JD 40 E+ VS | JD 80 E+ VS |
|---|---|---|---|---|
| With electrical pump on a cart | | | yes | yes |
| Spring return | | | yes | yes |
| Dimensions length | l | mm | 1 400 | 1 800 |
| Dimensions width | b | mm | 660 | 800 |
| Dimensions height | h | mm | 1 350 | 1 600 |
| Working pressure | | bar | 520 | 520 |
| **ORDER NO.** | | | **04 400 403-D** | **04 800 405-D** |

Customised solutions available on request



Hydraulic Pressure blocks JD 40 E+ VS in action

## DESCRIPTION

■ Synchronized lifting and lowering of multiple jacks. For loads with decentralized center of gravity. Simple and safe.

■ Easy operation via push button (remote control).

■ All slave-cylinders equipped with 520 bar safety pressure valves. Controls monitor pressure switches with LED indicator preventing any possible overloading.

■ Clear and simple control unit, adjustable to control all or individual jacks. Also configurable for using three-point lifting system.

■ The complete system is mobile and conveniently mounted on a cart.

■ Retracting of the hydraulic jacks also without load (JH 15 EX - 20 Gplus EX).

■ Load independent, maintains constant lifting speed.

■ Controllable lowering speed.

■ Electrical pump JPE 30 and Valve control unit for driving individual lifting devices.

■ Oil volume in the system JD 40 E+ VS 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 returns to retract the pistons automatically.

| JACKS TO USE WITH PRESSURE BLOCK 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 |


JUNG


JUST
MOVE.
Ergonomic. Effort-saving. Efficient.
JUNG

# TRANSPORT TROLLEYS SERIES K

**For loads up to 24 metric tons, height: 110 mm**

## DESCRIPTION

■ Equipped with premium castors as standard for smooth and reliable movement.

■ Reduced weight due to advanced construction of load cassettes.

■ Non-marking support wheels.

■ The K-series towing bars are also available with a removable handle. The removable handle is also available as a re-fitting set.

■ All transport trolleys are ready for use: The steerable transport trolley is fitted with a ball bearing supported turntable and a handlebar. The adjustable-width transport trolley consists of two transport units and connecting bar.

■ The load capacity specifications refer to a maximum speed of 2 km/h.

ACCESSORIES
Page 54-55





| Loads up to | | | 6 t | | 12 t | |
|---|---|---|---|---|---|---|
| **TYPE** | | | **JLB 3 K** | **JFB 3 K** | **JLB 6 K** | **JFB 6 K** |
| Load capacity | | kg | 3 000 | 2 x 1 500 | 6 000 | 2 x 3 000 |
| Number of castors | | Pieces | 4 | 2 x 2 | 8 | 2 x 4 |
| Castor dimensions | Ø x l | mm | 85 x 85 | 85 x 85 | 85 x 85 | 85 x 85 |
| Height | | mm | 110 | 110 | 110 | 110 |
| Supporting surface per cassette | E x F | mm | | 120 x 80 | | 170 x 170 |
| Cassette dimensions | L2 x B2 | mm | | 190 x 115 | | 325 x 200 |
| Connecting bar with joint | Length | mm | | 1 000** | | 1 230 |
| Cassettes adjustable from - to | G - H | mm | | 125-880 | | 400-1 030 |
| Supporting surface of turnable | Ø C | mm | 150 | | 150 | |
| Dimensions | L1 x B1 | mm | 225 x 280 | | 445 x 590 | |
| Handlebar with pulling eye | Length | mm | 990* | | 1 210 | |
| Weight JUWAthan®plus | | kg | 12 | 11 | 34 | 25 |
| **ORDER NO.** | | | **07 031 085-V** | **08 031 085-V** | **07 061 085-V** | **08 061 085-V** |

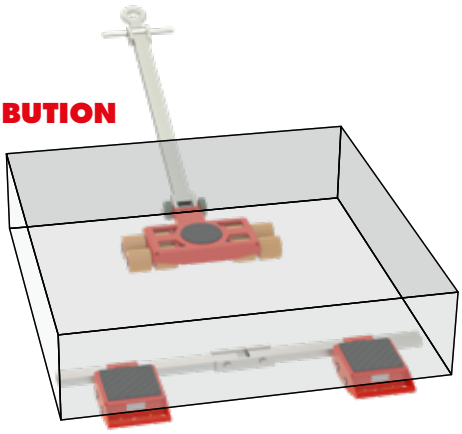
*JLB 3 K steering bar without pulling eye **JFB 3 K connecting bar without joint

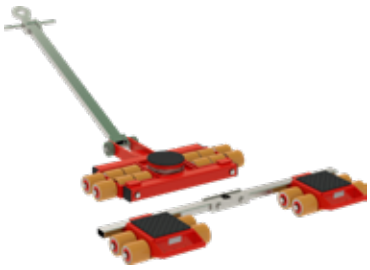


Castors with ball bearings guarantee easy movement.

**TESTED**
according to technical regulation ANSI/ASME (USA)

## EXAMPLE FOR LOAD DISTRIBUTION
**trolley combination:**







**matching CASTORS Page 56-57**

| Loads up to | | | 18 t | | 24 t | |
|---|---|---|---|---|---|---|
| **TYPE** | | | **JL 9 K** | **JFB 9 K** | **JL 12 K** | **JFB 12 K** |
| Load capacity | | kg | 9 000 | 2 x 4 500 | 12 000 | 2 x 6 000 |
| Number of castors | | Pieces | 12 | 2 x 6 | 16 | 2 x 8 |
| Castor dimensions | Ø x l | mm | 85 x 85 | 85 x 85 | 85 x 85 | 85 x 85 |
| Height | | mm | 110 | 110 | 110 | 110 |
| Supporting surface per cassette | E x F | mm | | 170 x 170 | | 170 x 170 |
| Cassette dimensions | L2 x B2 | mm | | 325 x 390 | | 325 x 390 |
| Connecting bar with joint | Length | mm | | 1 230 | | 1 230 |
| Cassettes adjustable from - to | G - H | mm | | 400-1 030 | | 400-1 030 |
| Supporting surface of turnable | Ø C | mm | 170 | | 170 | |
| Dimensions | L1 x B1 | mm | 580 x 820 | | 580 x 1 000 | |
| Handlebar with pulling eye | Length | mm | 1 210 | | 1 210 | |
| Weight JUWAthan®plus | | kg | 49 | 31 | 62 | 34 |
| **ORDER NO.** | | | **07 090 085-V** | **08 091 085-V** | **07 120 085-V** | **08 121 085-V** |

# TRANSPORT TROLLEYS SERIES K PROFESSIONAL

**For loads up to 28 metric tons, Height: 110 mm**

## DESCRIPTION

■ The double castor design results in dramatically easier steering due to reduced friction forces in curves. The much lower friction resistance also causes the trolleys on the rear axis to follow in a true to track course.

■ Non-marking support wheels.

■ Higher capacity with professional castors, at same dimension as series K trolleys.

■ The series K handle bars are now also available with a removable handle, which is also available as a re-fitting set.

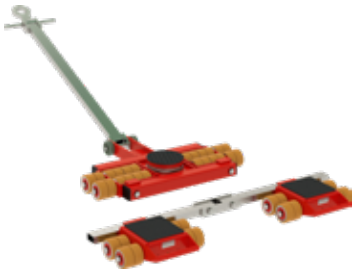
■ Because of the professional castors you need 30% less power for steering.

■ All transport trolleys are ready for use: the steerable transport trolley is fitted with a ball bearing supported turntable and a handlebar. The adjustable-width transport trolley consists of two transport units and connecting bar.

■ The load capacity specifications refer to a maximum speed of 2 km/h.

ACCESSORIES
Page 54-55





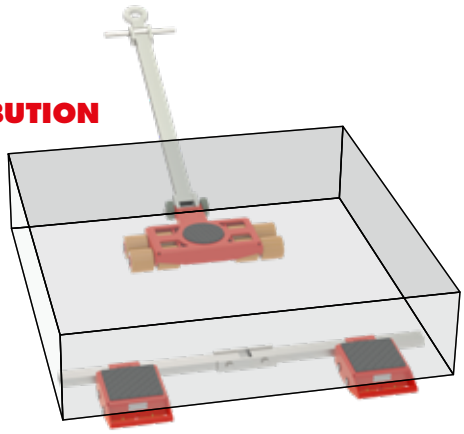
| Loads up to | | | 14 t | | 20 t | |
|---|---|---|---|---|---|---|
| **TYPE** | | | **JLB 7 K** | **JFB 7 K** | **JL 10 K** | **JFB 10 K** |
| Load capacity | | kg | 7 000 | 2 x 3 500 | 10 000 | 2 x 5 000 |
| Number of twin castors | | Pieces | 8 | 2 x 4 | 12 | 2 x 6 |
| Castor dimensions | Ø x l | mm | 85 x 85 | 85 x 85 | 85 x 85 | 85 x 85 |
| Height | | mm | 110 | 110 | 110 | 110 |
| Supporting surface per cassette | E x F | mm | | 170 x 170 | | 170 x 170 |
| Cassette dimensions | L2 x B2 | mm | | 325 x 200 | | 325 x 390 |
| Connecting bar with joint | Length | mm | | 1 230 | | 1 230 |
| Cassettes adjustable from - to | G - H | mm | | 400-1 030 | | 400-1 030 |
| Supporting surface of turnable | Ø C | mm | 150 | | 170 | |
| Dimensions | L1 x B1 | mm | 445 x 590 | | 580 x 820 | |
| Handlebar with pulling eye | Length | mm | 1 210 | | 1 210 | |
| Weight Professional | | kg | 35 | 27 | 56 | 35 |
| **ORDER NO.** | | | **07 071 085-D** | **08 071 085-D** | **07 100 085-D** | **08 101 085-D** |

**TESTED**
according to technical regulation ANSI/ASME (USA)



Castors with ball bearings guarantee easy movement.

## EXAMPLE FOR LOAD DISTRIBUTION
**trolley combination:**





**matching CASTORS Page 56-57**

Loads up to 28 t

| TYPE | | | JL 14 K | JFB 14 K |
|---|---|---|---|---|
| Load capacity | | kg | 14 000 | 2 x 7 000 |
| Number of twin castors | | Pieces | 16 | 2 x 8 |
| Castor dimensions | Ø x l | mm | 85 x 85 | 85 x 85 |
| Height | | mm | 110 | 110 |
| Supporting surface per cassette | E x F | mm | | 170 x 170 |
| Cassette dimensions | L2 x B2 | mm | | 325 x 390 |
| Connecting bar with joint | Length | mm | | 1 230 |
| Cassettes adjustable from - to | G - H | mm | | 400-1 030 |
| Supporting surface of turnable | Ø C | mm | 170 | |
| Dimensions | L1 x B1 | mm | 580 x 1 000 | |
| Handlebar with pulling eye | Length | mm | 1 210 | |
| Weight Professional | | kg | 65 | 38 |
| **ORDER NO.** | | | **07 140 085-D** | **08 141 085-D** |

# TRANSPORT TROLLEYS SERIES S

**For loads up to 48 metric tons, height 125 mm**

JLB & JFB 16 S
**TESTED**
according to technical regulation ANSI/ASME (USA)

## DESCRIPTION

■ Pivoting roller cassettes within the frame (except for JLB 16 S) assure even pressure distribution across all castors and across the floor.

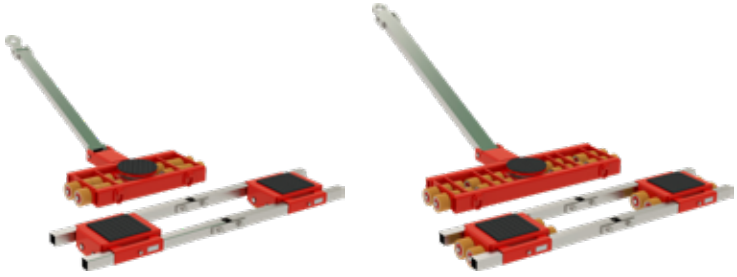
■ Very low height at only 125 mm, with high capacity and low own weight.

■ 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 bars.

■ Slim castor design (60 mm fitting length) results in easier steering due to reduced friction forces also in curves.

■ The load capacity specifications refer to a maximum speed of 2 km/h.

matching
**CASTORS**
**Page 56-57**



| Loads up to | | | 32 t | | 48 t | |
|---|---|---|---|---|---|---|
| **TYPE** | | | **JLB 16 S** | **JFB 16 S** | **JLB 24 S** | **JFB 24 S** |
| Load capacity | | kg | 16 000 | 2 x 8 000 | 24 000 | 2 x 12 000 |
| Number of castors | | Stück | 16 | 2 x 8 | 24 | 2 x 12 |
| Castor dimensions | Ø x l | mm | 90 x 60 | 90 x 60 | 90 x 60 | 90 x 60 |
| Height | | mm | 125 | 125 | 125 | 125 |
| Supporting surface per cassette | E x F | mm | | 200 x 220 | | 200 x 220 |
| Cassette dimensions | L2 x B2 | mm | | 370 x 330 | | 370 x 465 |
| Connecting bar with joint | Length | mm | | 2 x 1 540 | | 2 x 1 540 |
| Cassettes adjustable from - to | G - H | mm | | 540-1 300 | | 660-1 300 |
| Supporting surface of turnable | Ø C | mm | 215 | | 215 | |
| Dimensions | L1 x B1 | mm | 580 x 815 | | 580 x 1 165 | |
| Handlebar with pulling eye | | mm | 1 230 | | 1 480 | |
| Weight JUWAthan® | | kg | 82 | 74 | 124 | 78 |
| **ORDER NO. with JUWAthan®** | | | **05 161 090-V** | **06 161 090-V** | **05 242 090-V** | **06 242 090-V** |
| **ORDER NO. with steel castors** | | | **05 161 090-S** | **06 161 090-S** | **05 242 090-S** | **06 242 090-S** |

# NOTIZEN / NOTES

# TRANSPORT TROLLEYS SERIES G PROFESSIONAL

**For loads up to 60 metric tons, height 180 mm**

## DESCRIPTION

■ From JLB 20 up, pivoting cassettes and axles within the frame assure even pressure distribution across all castors and across the floor. No need for complex and expensive hydraulic compensation system.

■ The double castor design results in dramatically easier steering due to reduced friction forces in curves. The much lower friction resistance also causes the trolleys on the rear axis to follow in a true to track 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 bar.

■ The load capacity specifications refer to a maximum speed of 2 km/h.

**TESTED**
according to technical regulation ANSI/ASME (USA)

**ACCESSORIES**
Page 54-55



| Loads up to | | | 30 t | | 40 t | |
|---|---|---|---|---|---|---|
| **TYPE** | | | **JLB 15 G** | **JFB 15 G** | **JLB 20 G** | **JFB 20 G** |
| Load capacity | | kg | 15 000 | 2 x 7 500 | 20 000 | 2 x 10 000 |
| Number of castors | | Pieces | 12 | 2 x 6 | 16 | 2 x 8 |
| Castor dimensions | Ø x l | mm | 140 x 59 | 140 x 59 | 140 x 59 | 140 x 59 |
| Height | | mm | 180 | 180 | 180 | 180 |
| Supporting surface per cassette | E x F | mm | | 220 x 120 | | 220 x 200 |
| Cassette dimensions | L2 x B2 | mm | | 460 x 205 | | 460 x 285 |
| Connecting bar with joint | Length | mm | | 2 x 1 540 | | 2 x 1 540 |
| Cassettes adjustable from - to | G - H | mm | | 415 - 1 300 | | 475 - 1 300 |
| Supporting surface of turnable | Ø C | mm | 215 | | 215 | |
| Dimensions | L1 x B1 | mm | 565x610 | | 565x741 | |
| Handlebar with pulling eye | Length | mm | 1 230 | | 1 230 | |
| Weight JUWAthan®plus | | kg | 92 | 63 | 96 | 80 |
| **ORDER NO. with JUWAthan®plus** | | | **09 153 140-V** | **10 153 140-V** | **09 203 140-V** | **10 203 140-V** |



JLB 30 G and JFB 30G

## MATCHING COMBINATION TO SERIES G



**JKB 10 G** (p. 53)



**JKB 14 G** (p. 53)



**JFB 30 G with Traverse** (p. 42)

matching **CASTORS** Page 56-57



Loads up to 60 t

| TYPE | | | JLB 30 G | JFB 30 G |
|---|---|---|---|---|
| Load capacity | | kg | 30 000 | 2 x 15 000 |
| Number of castors | | Pieces | 24 | 2 x 12 |
| Castor dimensions | Ø x l | mm | 140 x 59 | 140 x 59 |
| Height | | mm | 180 | 180 |
| Supporting surface per cassette | E x F | mm | | 220 x 200 |
| Cassette dimensions | L2 x B2 | mm | | 460 x 400 |
| Connecting bar with joint | Length | mm | | 2 x 1 540 |
| Cassettes adjustable from - to | G - H | mm | | 530 - 1 300 |
| Supporting surface of turnable | Ø C | mm | 215 | |
| Dimensions | L1 x B1 | mm | 565 x 995 | |
| Handlebar with pulling eye | Length | mm | 1 485 | |
| Weight JUWAthan®plus | | kg | 140 | 98 |
| **ORDER NO. with JUWAthan®plus** | | | **09 303 140-V** | **10 303 140-V** |

# TRANSPORT TROLLEYS SERIES H PROFESSIONAL

**For loads up to 200 metric tons, height 230 mm/240 mm**

## DESCRIPTION

■ Unrivalled: Small and light-weight trolleys at super high capacity.

■ Steerable transport trolleys with pivoting cassettes for a better load distribution on all castors and the floor.

■ All transport trolleys are ready for use: the steerable transport trolley is fitted with a ball bearing supported turntable and a hand-lebar. The adjustable-width transport trolley consists of two transport units and connecting bars.

■ The double castor design results in dramatically easier steering due to reduced friction forces in curves. The much lower friction resistance also causes the castors on the rear axis to follow in a true to track course.

■ The load capacity specifications refer to a maximum speed of 2 km/h.

matching CASTORS Page 56



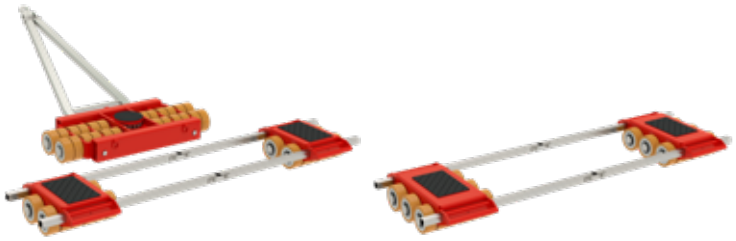


| Loads up to | | | 80 t | | 120 t | |
|---|---|---|---|---|---|---|
| **TYPE** | | | **JLB 40 H** | **JFB 40 H** | **JLB 60 H** | **JFB 60 H** |
| Load capacity | | kg | 40 000 | 2 x 20 000 | 60 000 | 2 x 30 000 |
| Number of castors | | Pieces | 12 | 2 x 6 | 20 | 2 x 10 |
| Castors dimensions | Ø x l | mm | 200 x 85 | 200 x 85 | 200 x 85 | 200 x 85 |
| Height | | mm | 230 | 230 | 230 | 230 |
| Supporting surface per cassette | E x F | mm | | 400 x 230 | | 400 x 230 |
| Cassette dimensions | L2 x B2 | mm | | 740 x 300 | | 740 x 475 |
| Connecting bar with joint | Length | mm | | 2 x 1 540 | | 2 x 1 540 |
| Cassettes adjustable from - to | G - H | mm | | 585-1 500 | | 700-1 500 |
| Supporting surface of turnable | Ø C | mm | 250 | | 250 | |
| Cassette dimensions | L1 x B1 | mm | 680 x 920 | | 680 x 1 280 | |
| Handlebar with pulling eye | Length | mm | 1 600 | | 1 600 | |
| Weight JUWAthan® | | kg | 294 | 222 | 390 | 322 |
| **ORDER NO. with JUWAthan®** | | | **09 401 206-H** | **10 401 206-H** | **09 601 206-H** | **10 601 206-H** |



High load capacity: JLB 40 H steering system, from the H-series

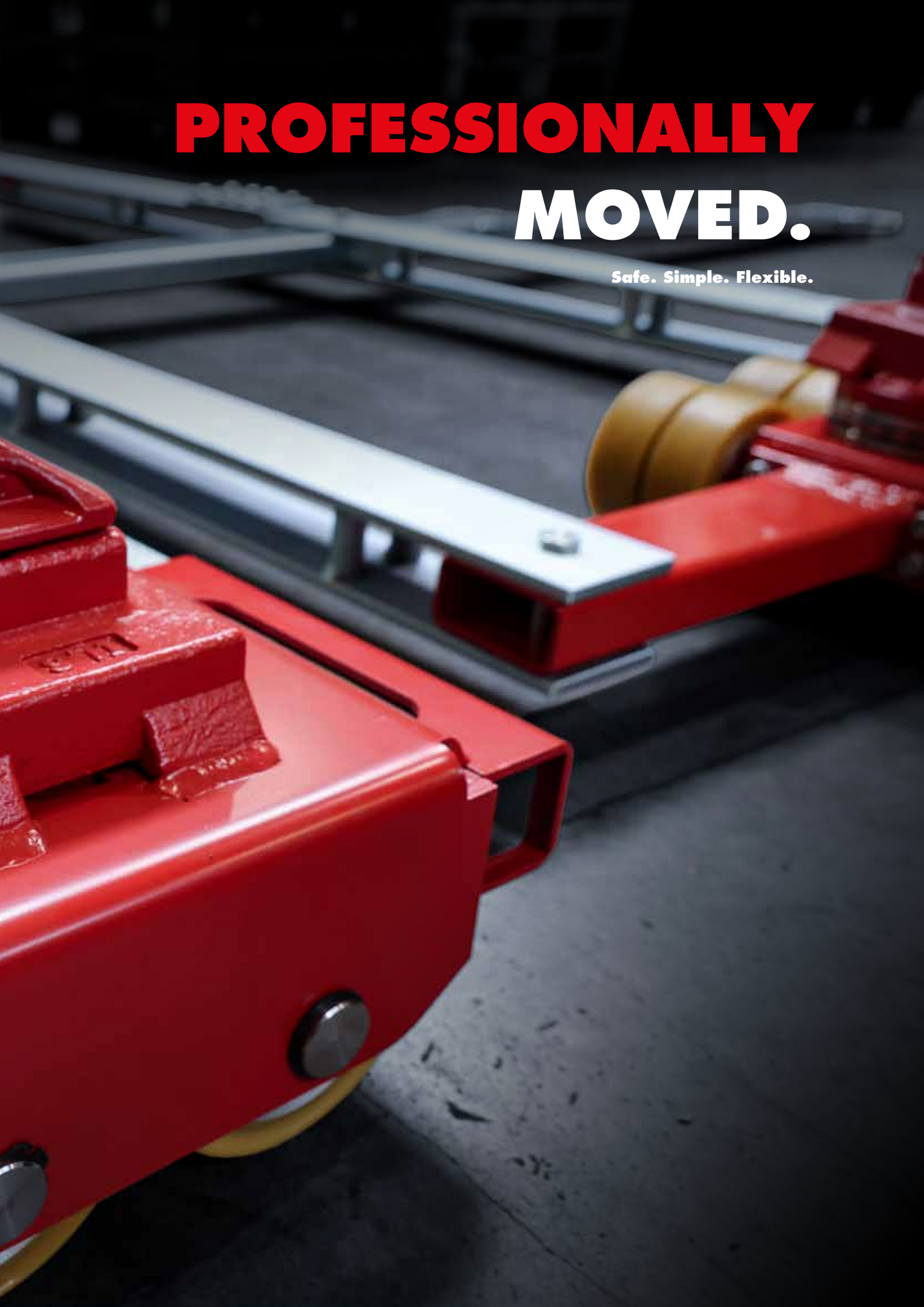
matching CASTORS Page 56



200 t

| Loads up to | | | 160 t | | 120 t |
|---|---|---|---|---|---|
| **TYPE** | | | **JL 80 H** | **JFB 80 H** | **JFB 120 H** |
| Load capacity | | kg | 80 000 | 2 x 40 000 | 2 x 60 000 |
| Number of castors | | Pieces | 24 | 2 x 12 | 2 x 18 |
| Castors dimensions | Ø x l | mm | 200 x 85 | 200 x 85 | 200 x 85 |
| Height | | mm | 240 | 240 | 240 |
| Supporting surface per cassette | E x F | mm | | 400 x 260 | 400 x 260 |
| Cassette dimensions | L2 x B2 | mm | | 740 x 580 | 960 x 590 |
| Connecting bar with joint | Length | mm | | 2 x 3 000 | 2 x 3 000 |
| Cassettes adjustable from - to | G - H | mm | | 580 - 2 800 | 580 - 2 800 |
| Supporting surface of turnable | Ø C | mm | 250 | | |
| Cassette dimensions | L1 x B1 | mm | 820 x 1480 | | |
| Handlebar with pulling eye | Length | mm | 1 600 | | |
| Weight JUWAthan® | | kg | 617 | 458 | 604 |
| **ORDER NO. with JUWAthan®** | | | **09 801 206-H** | **10 801 206-H** | **10 913 206-H** |




PROFESSIONALLY
MOVED.
Safe. Simple. Flexible.

# TANDEM TROLLEYS SERIES K

**For loads up to 14 metric tons, height 110 mm**

## DESCRIPTION

■ Tandem transport trolley for loads with no leading or trailing edge center support.

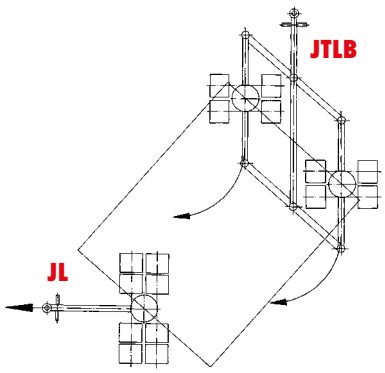
■ The double castors design results in dramatically easier steering due to reduced friction forces in curves. The much lower friction resistance also causes the castors on the rear axis follow in a true to track course.

■ Non-marking support wheels.

■ Ready for use. Delivery includes two steering units, one towing bar, and 1 set of connecting rods.
An additional handlebar can be ordered as an option.

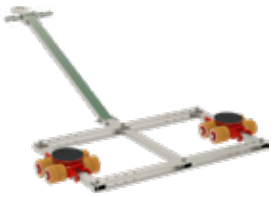
■ **Multi-purpose use:** Can also be used individually. If an additional towing bar is ordered as an accessory, steering mechanisms can be used individually at the same time, each with half the payload capacity.

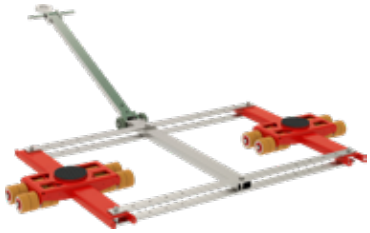
■ The load capacity specifications refer to a maximum speed of 2 km/h.




Example: For short radius curves steering maximum up to 45°.

ACCESSORIES
Page 54-55





| Loads up to | | | 6 t | 14 t |
|---|---|---|---|---|
| **TYPE** | | | **JTLB 6 K** | **JTLB 14 K** |
| Load capacity | | kg | 6 000 | 14 000 |
| Number of twin castors | | Pieces | 8 | 16 |
| Castor dimensions | Ø x l | mm | 85 x 85 | 85 x 85 |
| Height | | mm | 110 | 110 |
| Cassette dimensions | L2 x B2 | mm | 600 x 280 | 1 000 x 590 |
| Supporting surface per cassette | Ø C | mm | 150 | 150 |
| Connecting bar* | E | mm | 1 000 | 1 400 |
| Adjustable from - to Vmin. - Vmax. | | mm | 560-960 | 660 - 1 340 |
| Adjustable | | | 5 x | 5 x |
| Total length/width | L1 x B1 | mm | 770 x 1 240 | 1 105 x 1 924 |
| Handlebar with pulling eye | Length | mm | 1 165 | 1 210 |
| Weight Professional | | kg | 47 | 102 |
| **ORDER NO. Professional** | | | **12 061 085-D** | **12 121 085-D** |

*other lenghts available on request

# TANDEM TROLLEYS SERIES G PROFESSIONAL

**For loads up to 30 metric tons, height 180 mm**

## DESCRIPTION

■ Big castors Ø 140 mm x width 59 mm provide optimal rolling characteristics on uneven surfaces and rough pavements.

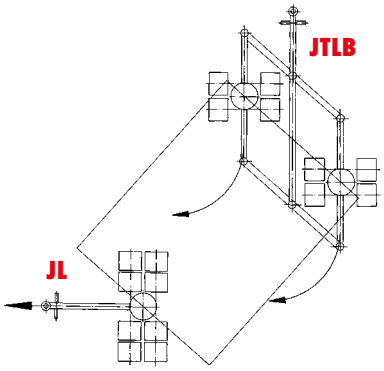
■ Safely overcomes small ledges, cracks in the concrete and countersunk rail tracks.

■ Custom solutions available.

■ Ready for use: delivery includes 2 steering units, 1 towing bar and 1 set of connecting rods per tandem. An additional handlebar can be ordered as an option.

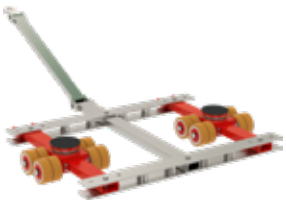
■ **Multi-purpose use:** Can also be used individually. If an additional towing bar is ordered as an accessory, steering mechanisms can be used individually at the same time, each with half the payload capacity.

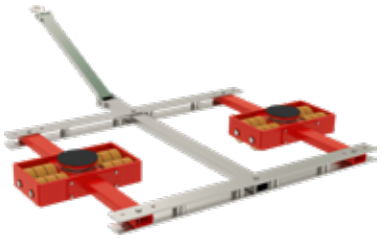
■ The load capacity specifications refer to a maximum speed of 2 km/h.




Example: For short radius curves steering possible up to 45°.

matching CASTORS Page 56-57





| Loads up to | | | 20 t | 30 t |
|---|---|---|---|---|
| **TYPE** | | | **JTL 20 G** | **JTLB 30 G** |
| Load capacity | | kg | 20 000 | 30 000 |
| Number of castors | | Pieces | 16 | 24 |
| Castor dimensions | Ø x l | mm | 140 x 59 | 140 x 59 |
| Height | | mm | 180 | 180 |
| Supporting surface of turntable | Ø C | mm | 170 | 215 |
| Cassette dimensions | L2 x B2 | mm | 1 020 x 440 | 1 380 x 610 |
| Width of track and connection rod* | E | mm | 1 330 | 1 700 |
| Adjustable from - to Vmin. - Vmax. | | mm | 900-1 230 | 1 270-1 600 |
| Adjustable | | | 3 x | 3 x |
| Dimensions | L1 x B1 | mm | 1 260 x 1670 | 1 620 x 2 200 |
| Handlebar with pulling eye | Length | mm | 1 230 | 1 230 |
| Weight JUWAthan®plus | | kg | 168 | 283 |
| **ORDER NO. with JUWAthan®plus** | | | **12 202 140-V** | **12 302 140-V2** |

*other lenghts available on request

# TANDEM TROLLEYS "WELD-ON CONE"

**For transporting containers up to 28 metric tons, height 170 mm**

## DESCRIPTION

- „Weld-on Cone" version for indoor container transport on smooth floors includes turntables fitted with cones and 2-parts container-wide connecting bars fixed length 2.26 m; also including a handlebar with towing eye.
- Safe transport of containers.
- Upgrade to Twistlock system possible.
- Containers can be moved with extremely low installation height.
- Form-fitting-hold between the trolley and the containers (Weld-on Cone System).
- Compatible with all ISO-containers.
- The load capacity specifications refer to a maximum speed of 2 km/h.

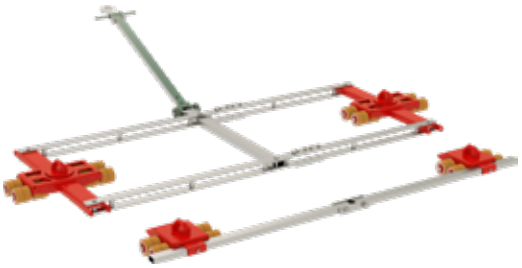


Weld-on Cone



Twistlock

ACCESSORIES
Page 55



„Weld-on Cone" system for Series K

| TYPE | | | JTLB 14 K WOC | JFB 14 K WOC |
|---|---|---|---|---|
| Height | h1 | mm | 110 | 110 |
| Total height | h2 | mm | 170 | 170 |
| ISO-length | V | mm | 2260 | 2260 |
| Dimensions steerable | L1 x B1 | mm | 1120 x 2850 | - |
| Dimensions straight-line | L2 x B2 | mm | - | 325 x 2650 |
| Weight | | kg | 120 | 45 |
| ORDER NO. | | | 12 121 085-WZ | 08 141 085-WOC |

# TANDEM TROLLEYS TWISTLOCK

**For transporting containers up to 60 metric tons, height 300 mm**

## DESCRIPTION



- "Twistlock" version for outdoor transport on paved surfaces. Includes turntables fitted with "Twistlock" to secure containers to transport trolleys. Including 2-parts connecting bars fixed length 2.26 m and handlebar with towing eye.
- Safe transport of containers.
- Containers can be moved with extremely low installation height.
- Lock-to-hold mechanism between the trolley and the containers (Twistlock).
- Compatible with all ISO-containers.
- The load capacity specifications refer to a maximum speed of 2 km/h.

Also
**AVAILABLE**
with extended track rods
on request.

matching
CASTORS
Page 56-57



Twistlock system for Series G
Please refer to page 32-33 for technical details

| TYPE | | | JTL 20 G TL | JFB 20 G TL | JTLB 30 G TL | JFB 30 G TL |
|---|---|---|---|---|---|---|
| Height | h1 | mm | 215 | 215 | 215 | 215 |
| Total height | h2 | mm | 300 | 300 | 300 | 300 |
| ISO-length | V | mm | 2 260 | 2 260 | 2 260 | 2 260 |
| Dimensions steerable | L1 x B1 | mm | 1 260 x 2 700 | - | 1 620 x 2 870 | - |
| Dimensions straight-line | L2 x B2 | mm | - | 460 x 3 000 | - | 460 x 3 000 |
| Weight | | kg | 215 | 114 | 323 | 140 |
| BESTELNR. | | | 12 203 140-TL | 10 203 140-TL | 12 303 140-TL | 10 303 140-TL |

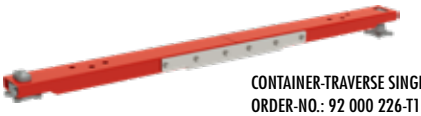
# CONTAINER-TRAVERSE

**With Twistlock-fitting up to 36 metric tons, height 260 mm**

Additional mounting hardware/drill holes for the traverse are offered to suit the specific application.

## DESCRIPTION

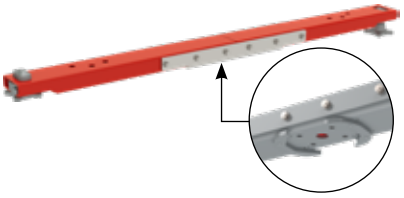
- Safe transport of ISO-containers and special containers up to 36 metric tons.
- Containers can be moved with extremely low installation height.
- Assembled in two parts for easy handling and storage.
- Compatible with all ISO containers.
- Lockable twistlock version to ISO dimension 2.26 m (not adjustable).
- Optionally a trapezium drawbar can be adapted.
- The dimension of the traverse is within the container contour.
- For the T1 and T2 container traverse, the load is firmly secured. With the T3 traverse, the load rests on top of a trolley.
- Installation height of the crossbar: 80 mm.



CONTAINER-TRAVERSE SINGLE
ORDER-NO.: 92 000 226-T1



CONTAINER-TRAVERSE WITH TOWING BAR
ORDER-NO.: 92 000 226-T2



CONTAINER-TRAVERSE WITH ADAPATER FOR TROLLEYS
ORDER-NO.: 92 000 226-T3

**POSSIBLE COMBINATIONS:**

| STEERABLE TROLLEYS | ORDER NO. TROLLEY | ORDER NO. CONTAINER-TRAVERSE WITH ACCESSORIES | TRANSPORT TROLLEYS | ORDER NO. TRANSPORT TROLLEYS | ORDER NO. CONTAINER-TRAVERSE WITH ACCESSORIES | LOAD CAPACITY IN KG* |
|---|---|---|---|---|---|---|
| JLA-e 5/12 G | 22 005 200-G | 92 000 226-T3 | 1x JFB 7 K | 08 071 085-DH | 92 000 226-T1 | 12 000 |
| JLA-e 5/12 G with Stroke | 22 005 210-G Stroke | 92 000 226-T3 | 1x JFB 7 K | 08 071 085-DH | 92 000 226-T1 | 12 000 |
| 2 x JKB 4 K | 2 x 14 041 085-VU | 92 000 226-T2 | 1 x JFB 7 K | 08 071 085-D | 92 000 226-T1 | 15 000 |
| 1x JLF 5 | 16 050 085-D | 92 000 226-T3 | 2 x JLF 5 | 2 x 16 050 085-D | 92 000 226-T1 | 15 000 |
| 2 x JLF 5 | 2 x 16 050 085-D | 92 000 226-T2 | 2 x JLF 5 | 2 x 16 050 085-D | 92 000 226-T1 | 20 000 |
| 2 x JKB 6 K | 2 x 14 061 085-VU | 92 000 226-T2 | 1 x JFB 10 K | 08 101 085-D | 92 000 226-T1 | 22 000 |
| 2 x JKB 8 K | 2 x 14 080 085-VU | 92 000 226-T2 | 1 x JFB 14 K | 08 141 085-D | 92 000 226-T1 | 29 000 |
| 1 x JTLB 14 K | 1x 12 121 085-D | 92 000 226-T1 | 1 x JFB 14 K | 08 141 085-D | 92 000 226-T1 | 28 000 |
| 1 x JLB 15 G | 09 153 140-V | 92 000 226-T3 | 1x JFB 15 G | 10 153 140-V | 92 000 226-T1 | 30 000 |
| JLA-e 15/30 G | 22 015 200-G | 92 000 226-T3 | 1 x JFB 15 G | 10 153 140-V | 92 000 226-T1 | 30 000 |
| JLA-e 15/30 G with Stroke | 22 015 210-G Stroke | 92 000 226-T3 | 1 x JFB 15 G | 10 153 140-V | 92 000 226-T1 | 30 000 |
| 2 x JKB 10 G | 2 x 14 103 140-VU | 92 000 226-T2 | 1 x JFB 20 G | 10 203 140-V | 92 000 226-T1 | 36 000 |
| 2 x JKB 14 G | 2x 14 143 140-VU | 92 000 226-T2 | 1 x JFB 30 G | 10 303 140-V | 92 000 226-T1 | 36 000 |
| 1x JTL 20 G | 12 203 140-V | 92 000 226-T1 | 1 x JFB 20 G | 10 203 140-V | 92 000 226-T1 | 36 000 |
| 1 x JTLB 30 G | 12 303 140-V | 92 000 226-T1 | 1 x JFB 30 G | 10 303 140-V | 92 000 226-T1 | 36 000 |
| 1x JLB 20 G | 09 203 140-V | 92 000 226-T3 | 1x JFB 20 G | 10 203 140-V | 92 000 226-T1 | 36 000 |
| 1 x JLB 30 G | 09 303 140-V | 92 000 226-T3 | 1x JFB 30 G | 10 303 140-V | 92 000 226-T1 | 36 000 |
| 1 x JLAe 25/50H | 22 025 200-H | 92 000 226-T3 | 1 x JFB 25 G | 10 251 141-V | 92 000 226-T1 | 36 000 |
| 1 x JLAe 25/50H | 22 025 200-H | 92 000 226-T3 | 1 x JFB 40 H | 10 401 206-H | 92 000 226-T1 | 36 000 |

*Load must rest as a surface load on Container-Traverse.

# EXAMPLES OF USE CONTAINER-TRAVERSE

**Example**: Container traverse suitable for standard tandem steering systems. The traverse is firmly connected to the turntables by screwing and thus forms a secure transport unit.

**UPON REQUEST**
Special dimensions and higher load capacities available.





# JACK WITH SPECIAL TOE FOR CONTAINERS



Hydraulic jack with special toe for containers:
The special toe fits in the container corners for safe lifting of ISO containers, can also be upgraded. Available for all hydraulic jacks series G-plus, G-Plus EX, and JHS 10 ku (see page 14-16, 19).

## EXAMPLES OF POSSIBLE COMBINATIONS CONTAINER-TRAVERSE:



**JFB 30 G with traverse T1**



**JLA-e 15/30 G with traverse T3**



**JKB 10 G with traverse T2**

# MOVE FLEXIBLY.

**Agile. Easy. Efficient.**



JUNG



# MULTI-PURPOSE TROLLEYS SERIES M

**For loads up to 15 metric tons, height 150 mm**

## DESCRIPTION

■ Combines leading swiveling castors with trailing rigid castors. Swiveling lead-castors make steering easier by up to 80%.

■ Ergonomic: Reduces handling effort for user.

■ Better directional stability on long straight-line paths with trailing rigid castors.

■ Trolleys can be used as steerable, adjustable or tandem trolley.

■ Low installation height. Low weight.

■ Extremely manoeuvrable thanks to ball-bearing turntable with anti-slip coating.

■ Ideal for transporting loads on slalom paths including 90° true-to-course straightline, turning and sideways maneuvering.

■ Floor protective, non-marking coating.

■ Each trolley can be used for either steerable or straight-line movements.

■ An additional towing bar for steering rear-trailing trolleys and achieving a tighter turning radius is included in the set.

■ The load capacity specifications refer to a maximum speed of 2 km/h.

ACCESSORIES
Page 54-55





| Loads up to | | | 3,5 t | 5 t |
|---|---|---|---|---|
| **TYPE** | | | **JLF 3,5** | **JLF 5** |
| Load capacity | | kg | 3 500 | 5 000 |
| Number of castors / twin castors | | Pieces | 4/2 | 4/4 |
| Castor dimensions | | mm | 85 x 43 | 85 x 43 |
| Height | | mm | 150 | 150 |
| Supporting surface per cassette | Ø C | mm | 150 | 150 |
| Dimensions | L1 x B1 | mm | 410 x 420 | 410 x 420 |
| Handlebar with pulling eye | | | - | - |
| Connecting bar | | | - | - |
| Weight JUWAthan®plus | | kg | 25 | 28 |
| **ORDER NO.** | | | **16 035 085-D** | **16 050 085-D** |

Registered design EU No. 002267487 - 001 European patent No. 2 662 261 B1



Example as tandem transport trolley



Example as adjustable trolley

**ALSO WITH CONTAINER TRAVERSE**



(p. 42-43)

**TESTED**
according to technical regulation ANSI/ASME (USA)

**matching CASTORS**
**Page 56-57**





| Loads up to | | | 12 t | 15 t |
|---|---|---|---|---|
| **TYPE** | | | **JLF SET 12** | **JLF SET 15** |
| Load capacity | | kg | 1 x 5 000 + 2 x 3 500 | 3 x 5 000 |
| Number of castors/twin castors | | Pieces | 3 x 4/2 x 2 + 1 x 4 | 3 x 4/3 x 4 |
| Castor dimensions | | mm | 85 x 43 | 85 x 43 |
| Height | | mm | 150 | 150 |
| Supporting surface per cassette | Ø C | mm | 150 | 150 |
| Dimensions | L1 x B1 | mm | 410 x 420 | 410 x 420 |
| Handlebar with pulling eye | L | mm | 1 210 | 1 210 |
| Connecting bar | Ø x L | mm | 20 x 1 200 | 20 x 1 200 |
| Weight JUWAthan®plus | | kg | 89 | 95 |
| **ORDER NO.** | | | **16 120 085-D** | **16 150 085-D** |

# 360° MOVEMENT.

**Precise. Efficient. Compact.**





# REVOLVING TRANSPORT TROLLEYS JKB

**For loads up to 12 metric tons, height 110* mm**

**TESTED** according to technical regulation ANSI/ASME (USA)

## DESCRIPTION

■ Optional connecting bars can be fixed without tools by clamping down on adapter.
■ High load capacity at low weight.
■ Mix and match revolving trolleys with transport trolleys: JKB 2 to JKB 8 have the same height as transport trolleys series K.
■ Handle bar and connecting bars available as accessories (see page 54).
■ Bearing supported swiveling castors allow 360° maneuverability.
■ All products are also available in a set of two with price advantage.
■ In addition, all the trolleys have a platform center hole to allow attachement to the load.

■ **With locking mechanism:** for fixing the castors in place so that the track is maintained even on uneven floors or when changing direction.
The directional lock can be secured or released under load. Can be used for electrically powered chassis as a trailer or steering wheel, as the castors run true to track.
■ When using 2 units of JKB 2 with locking mechanism, we recommend using the connecting rod (see pages 54-55).

■ **Unrivalled:** The narrow castors reduce rolling and turning resistance to a minimum.
■ **Hint:** 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 payload, ergonomics and handling of the devices.
■ The load capacity specifications refer to a maximum speed of 2 km/h.

All revolving transport
**WITH LOCKING MECHANISM**

**ACCESSORIES** Page 54

**JUWAmid + JUWAthan®**





| Loads up to | | | 2 t | 4 t |
|---|---|---|---|---|
| **TYPE** | | | **JKB 2 K** | **JKB 4 K** |
| Load capacity | | kg | 2000 | 4000 |
| Number of castors | | Pieces | 6 | 12 |
| Castor dimensions | Ø x l | mm | 85 x 43 | 85 x 43 |
| Height | | mm | 110* | 110* |
| Supporting surface per cassette | Ø C | mm | 150 | 250 |
| Cassette dimensions | L1 x B1 | mm | 528 x 495 | 690 x 475 |
| Weight JUWAmid | | kg | 20 | 37 |
| **ORDER NO. with JUWAmid** | | | **14 020 085-P** | **14 042 085-P** |
| **ORDER NO. with JUWAthan®** | | | **14 020 085-VU** | **14 042 085-VU** |

*Due to technical changes, there may be tolerances of up to + 4.5 mm in the installation height since 2014.

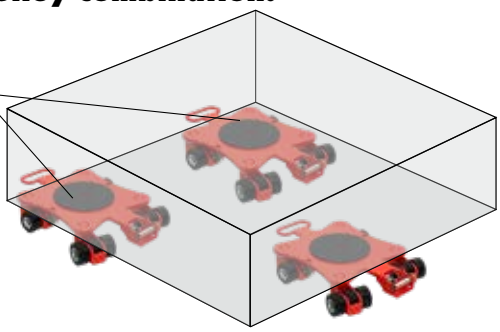



Revolving trolley JKB with directional lock

The K-Series revolving transport trolleys are also available
**WITH WHITE**
Polyamide-Wheels
Upgrade item number: 92 050 091-P

## EXAMPLE FOR LOAD DISTRIBUTION
**trolley combination:**

Locking of the rear revolving transport trolleys.



matching CASTORS Page 56-57

JUWAmid + JUWAthan®

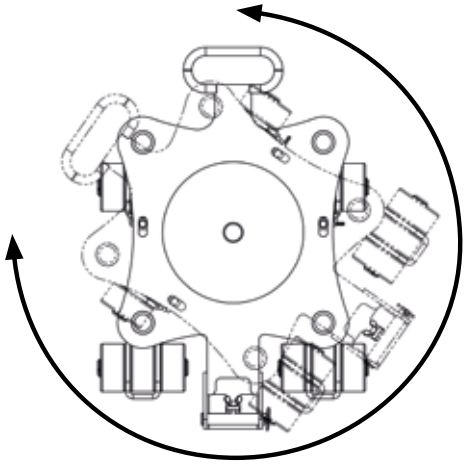


| | | | |
|---|---|---|---|
| Loads up to | | | 6 t |
| **TYPE** | | | **JKB 6 K** |
| Consist of | | | 1 x JKB 6 K |
| Load capacity | | kg | 6 000 |
| Number of castors | | Pieces | 16 |
| Castor dimensions | Ø x l | mm | 85 x 43 |
| Height | | mm | 110* |
| Supporting surface per cassette | Ø C | mm | 250 |
| Cassette dimensions | L1 x B1 | mm | 675 x 525 |
| Weight JUWAmid | | kg | 41 |
| **ORDER NO. with JUWAmid** | | | **14 061 085-P** |
| **ORDER NO. with JUWAthan®** | | | **14 061 085-VU** |

*Due to technical changes, there may be tolerances of up to + 4.5 mm in the installation height since 2014.

# REVOLVING TRANSPORT TROLLEYS JKB

**For loads up to 28 t metric tons, height 110* mm/180 mm**



Remains on track thanks to locking



Revolving trolley JKB in action

The K-Series revolving transport trolleys are also available
**WITH WHITE**
Polyamide-Wheels
Upgrade item number: 92 050 091-P

ACCES-SORIES
Page 55

JUWAmid + JUWAthan®



| Loads up to | | | 8 t |
|---|---|---|---|
| **TYPE** | | | **JKB 8 K** |
| Load capacity | | kg | 8 000 |
| Number of castors | | Pieces | 20 |
| Castor dimensions | Ø x l | mm | 85 x 43 |
| Height | | mm | 110* |
| Supporting surface per cassette | Ø C | mm | 250 |
| Cassette dimensions | L1 x B1 | mm | 895 x 740 |
| Weight JUWAmid | | kg | 65,5 |
| **ORDER NO. with JUWAmid** | | | **14 080 085-P** |
| **ORDER NO. with JUWAthan®** | | | **14 080 085-VU** |

*Due to technical changes, there may be tolerances of up to + 4.5 mm in the installation height since 2014.



**NEW: WITH LOCKING!**

**TESTED**
according to technical regulation ANSI/ASME (USA)

## DESCRIPTION

■ JKB 10 G/JKB 14 G have the same height as transport trolleys series G.

■ High load capacity at low weight.

■ Bearing supported swiveling castors allow 360° maneuverability.

■ All products are also available in a set of two with price advantage.

■ In addition, all the trolleys have a platform center hole to allow attachement to the load.

■ **With locking mechanism:** for fixing the castors in place so that the track is maintained even on uneven floors or when changing direction.
The directional lock can be secured or released under load. Can be used for electrically powered chassis as a trailer or steering wheel, as the castors run true to track.

■ **Unrivalled:** The narrow castors reduce rolling and turning resistance to a minimum.

■ Towing bar as accessories (see pages 54).

■ **Hint:** 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 payload, ergonomics and handling of the devices.

■ The load capacity specifications refer to a maximum speed of 2 km/h.

All revolving transport
**WITH LOCKING MECHANISM**

matching **CASTORS** Page 56-57

JUWAmid + JUWAthan®

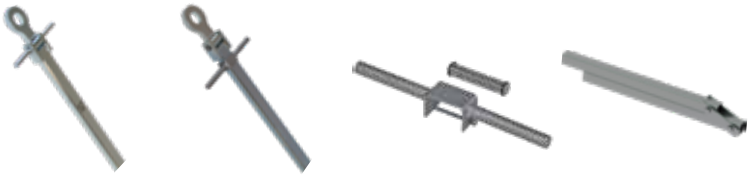




| Loads up to | | | 10 t | 14 t |
|---|---|---|---|---|
| **TYPE** | | | **JKB 10 G** | **JKB 14 G** |
| Load capacity | | kg | 10 000 | 14 000 |
| Number of castors | | Pieces | 8 | 12 |
| Castor dimensions | Ø x l | mm | 140 x 59 | 140 x 59 |
| Height | | mm | 180 | 180 |
| Supporting surface per cassette | Ø C | mm | 250 | 250 |
| Cassette dimensions | L1 x B1 | mm | 975 x 665 | 975 x 720 |
| Weight JUWAthan® | | kg | 127 | 152 |
| **ORDER NO. with JUWAthan®** | | | **14 103 140-VU** | **14 143 140-VU** |

# USEFUL ACCESSORIES

## For transport trolleys



| TRANSPORT TROLLEYS SERIES K | | HANDLE BAR WITH TOWING EYE | TOWING BAR COMPLETE WITH REMOVABLE HANDLE | REMOVABLE HANDLE | EXTENDED CONNECTING BAR |
|---|---|---|---|---|---|
| | | JLB 3 K | JLB 6 K - JL 14 K | JLB 6 K - JL 14 K | JFB 6 K - JFB 14 K |
| Dimensions | mm | 1 165 length | 1 210 length | 330 x 45 x 40 | 2 360 length |
| Catalogue page | | 26 | 26-29 | 26-29 | 26-29 |
| **ORDER NO.** | | **92 010 148-B** | **92 010 122-B** | **92 090 300-B** | **92 010 063-B** |



| REVOLVING TRANSPORT TROLLEYS JKB 2 K - JKB 8 K | | HANDLE BAR | CONNECTING ROD | |
|---|---|---|---|---|
| | | JKB 2 K - JKB 8 K | JKB 2 K | JKB 4 K - JKB 8 K |
| Dimensions | mm | 1070 length | 1 200 length | 2 400 length (2 x 1 200) |
| Catalogue page | | 50-52 | 50 | 50-52 |
| **ORDER NO.** | | **92 030 085-L** | **92 030 085-V** | **92 040 085-V** |



| REVOLVING TRANSPORT TROLLEYS JKB 10 G - JKB 14 G | | TOWING BAR |
|---|---|---|
| | | JKB 10 G - JKB 14 G |
| Dimensions | mm | 1 485 length |
| Catalogue page | | 53 |
| **ORDER NO.** | | **92 226 042-B** |





| MULTI-PURPOSE TROLLEYS SERIE M | | HANDLE BAR WITH TOWING EYE | CONNECTING ROD |
|---|---|---|---|
| | | JLF 3,5 - JLF 5 | JLF 3,5 - JLF 5 |
| Dimensions | mm | 1 210 length | 1 200 length |
| Catalogue page | | 46 | 46 |
| **ORDER NO.** | | **92 010 022-B** | **92 030 085-V** |



| TANDEM TROLLEYS | | EXTENDED CONNECTING ROD | | |
|---|---|---|---|---|
| | | JTLB 6 K | JTLB 14 K | JTL 20 G & JTLB 30 G |
| Dimensions | mm | Length on request | Length on request | Length on request |
| Catalogue page | | 38 | 38 | 39 |
| **ORDER NO.** | | **92 010 160-B** | **92 010 161-B** | **92 010 163-B** |



| TRANSPORT TROLLEYS SERIES G | | EXTENDED CONNECTING ROD |
|---|---|---|
| | | JFB 15 G - JFB 30 G |
| Dimensions | mm | 3 000 length (two-piece) |
| Catalogue page | | 32-33 |
| **ORDER NO.** | | **92 090 060-B** |

Our transport boxes can be moved with pallet trucks and forklifts!



| TRANSPORT BOXES | | TOOL BOX |
|---|---|---|
| | | On request |
| Dimensions | mm | 1 200 x 800 x 500 |
| Suitable for | | 2x JH 6 or 2x JH 10 G Plus, as well as one set of JLB / JFB 6 or 7 K professional |
| **ORDER NO.** | | **92 120 800-TK** |

# STURDY CASTORS FOR ANY APPLICATION

**High quality coatings**

## DESCRIPTION

■ **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: The basis of the **JUWAthan®** castor is a further advanced coating (plus) based on **JUWAthan®plus** castor. A coating of a special polyurethane-based compound is applied to an aluminium core. The thickness of the rubber has been optimised to such an extent that the rolling resistance is reduced by more than 30 %. A weight saving of almost 35 % per castor was also achieved by the new construction.

■ **JUWAthan® Professional:** The professional series castor was developed based on the **JUWAthan®plus** castor. The side-by-side double castor system provides higher load capacity (2x2 ball bearings) and offers greatly reduced rolling resistance. Turning of the steerable trolley requires less force because the castors can turn against one another resulting in extremely reduced friction between surface and castor. The much lower friction resistance also causes directional stability.

■ The load capacity specifications refer to a maximum speed of 2 km/h.



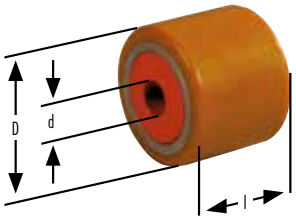



| JUWAthan® plus | | | SERIES K | SERIES K PROFESSIONAL | JKB | SERIES G |
|---|---|---|---|---|---|---|
| Load capacity | | kg | 750 | 875 | 375 | 1 250 |
| Dimensions | D x l | mm | 85 x 85 | 85 x 85 | 85 x 43 | 140 x 59 |
| Inside diameter | d | mm | 25 | 25 | 25 | 35 |
| Weight | | kg | 0,8 | 1,05 | 0,5 | 1,85 |
| ORDER NO. | | | 95 050 057-V | 95 050 089-D | 95 050 131-V | 95 050 047-V |




| JUWAthan® | | | SERIES S | SERIES H |
|---|---|---|---|---|
| Load capacity | | kg | 1 000 | 2 500 |
| Dimensions | D x l | mm | 90 x 60 | 200 x 83 |
| Inside diameter | d | mm | 25 | 70 |
| Weight | | kg | 1,2 | 9,05 |
| ORDER NO. | | | 95 050 304-V | 95 050 390-D |

*We grant a 5-year warranty on the operability of our JUWAthan® castors, except in cases of improper use or normal wear.




## DESCRIPTION

■ **JUWAmid**-castor design: Two precision ball bearings are pressed into a high quality polyamid coating.

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

| RECOMMENDED USE | | | |
|---|---|---|---|
| | | Castor type and coat | |
| Recommended use for | JUWAthan®<br>JUWAthan® plus<br>JUWAthan® Professional | JUWAmid | Steel |
| Plain and clean floors | ✓ | ✓ | |
| For any floors, swarf resistant | ✓ | | |
| Bad floors with roughness | | | ✓ |





| JUWAmid | | | ■ JKB | ■ JKB | ■ SERIES K |
|---|---|---|---|---|---|
| Load capacity | | kg | 375 | 375 | 750 |
| Dimensions | D x l | mm | 85 x 43 | 85 x 43 | 85 x 85 |
| Inside diameter | d | mm | 25 | 25 | 25 |
| Weight | | kg | 0,35 | 0,35 | 0,85 |
| ORDER NO. | | | ■ 95 050 088-P | ■ 95 050 091-P | ■ 95 050 023-P |




| STEEL | | | ■ SERIES K | ■ SERIES S |
|---|---|---|---|---|
| Load capacity | | kg | 750 | 1 000 |
| Dimensions | D x l | mm | 85 x 85 | 90 x 60 |
| Inside diameter | d | mm | 25 | 25 |
| Weight | | kg | 2,4 | 2,8 |
| ORDER NO. | | | ■ 95 050 043-S | ■ 95 050 305-S |

# MOVE
# INNOVATIVELY.

**Flexible. Driven. Efficient.**





# TROLLEYS ELECTRIC-POWERED

**For loads up to 50 metric tons, height 180 mm/230 mm**

## DESCRIPTION

- Practical, with battery and handy remote control! The remote control can be switched from two-handed to one-handed operation (flexible left/right). The one-handed operation allows to move the trolley exactly straight ahead.
- Spare a towing vehicle.
- Very compact dimensions.
- Low charging time of 4-5 h; Alternatively high-speed charger = 2-3 h. Available as accessory.
- Batteries are interchangeable.
- High running time (at full load under ideal conditions) by direct-driven motor.
- 360° maneuverable.
- Continuously adjustable speed.
- Compatible with series G (p. 32-33) and series H (p. 34-35). Transport trolleys are not included
- LiFePo4 battery technology.
- **Scope of delivery:** JLA-e, remote control, and charger. JLA-e cable connection for the remote control.

JLA-e ACCESSORIES Page 66-67





| Loads up to | | | 12 t | 30 t |
|---|---|---|---|---|
| **TYPE** | | | **JLA-E 5/12 G** | **JLA-E 15/30 G** |
| Load capacity | | kg | 5000 | 15000 |
| Pulling capacity | | kg | 12000 | 30000 |
| Number of castors | | Pieces | 4 | 16 |
| Castor dimensions | Ø x l | mm | 140 x 59 | 140 x 59 |
| Height | | mm | 180 | 180 |
| Supporting surface of turnable | Ø C | mm | 150 | 215 |
| Dimensions | L1 x B1 | mm | 740 x 900 | 835 x 1215 |
| Weight without battery + controller | | kg | 146 | 198 |
| Weight battery + box | | kg | 45 | 45 |
| Weight charger | | kg | 2 | 2 |
| Speed | | m/min | 10 | 6,5 |
| Operational time | | h | 4-5 | 4-5 |
| Operating mode in acc. with VDE 0530 | | | S1 | S3 60% |
| Battery and charger | | Pieces | 1 x | 1 x |
| Remote control, charger and belt with holder | | Pieces | 1 x | 1 x |
| **ORDER NO.** | | | **22 005 200-G** | **22 015 200-G** |



Trolley JLA-e 15/30 G facelift

JLA-e
ACCES-
SORIES
Page 66-67



| Loads up to | | | 50 t |
|---|---|---|---|
| **TYPE** | | | **JLA-E 25/50 H** |
| Load capacity | | kg | 25 000 |
| Pulling capacity | | kg | 50 000 |
| Number of castors | | Pieces | 16 |
| Castor dimensions | Ø x l | mm | 200 x 83 |
| Height | | mm | 230 |
| Supporting surface of turnable | Ø C | mm | 250 |
| Dimensions | L1 x B1 | mm | 1 140 x 1 750 |
| Weight without battery + controller | | kg | 578 |
| Weight battery + box | | kg | 45 |
| Weight charger | | kg | 2 |
| Speed | | m/min | 10 |
| Operational time | | h | 2-3 |
| Operating mode in acc. with VDE 0530 | | | S3 60% |
| Battery and charger | | Pieces | 1 x |
| Remote control, charger and belt with holder | | Pieces | 1 x |
| **ORDER NO.** | | | **22 025 200-H** |

# JLA-E TROLLEY CONFIGURATIONS

## DESCRIPTION

■ Practical, with battery and handy remote control! The remote control can be switched from two-handed to one-handed operation (flexible left/right). The one-handed operation allows to move the trolley exactly straight ahead.

■ Spare a towing vehicle.

■ Very compact dimensions.

■ Low charging time of 4-5 h; Alternatively high-speed charger = 2-3 h. Available as accessory.

■ Batteries are interchangeable.

■ High running time (at full load under ideal conditions) by direct-driven motor.

■ 360° maneuverable.

■ Continuously adjustable speed.

■ Compatible with series G (p. 32-33) and series H (p. 34-35). Transport trolleys are not included

■ LiFePo4 battery technology.

■ **Scope of delivery**: JLA-e, remote control, and charger. JLA-e cable connection for the remote control.

JLA-e ACCESSORIES Page 66-67





**JLA-E CONFIGURATIONS**

| TYP | | | JLA-E 5/12 G | JFB 7 K | JLA-E 15/30 G | JFB 15 G |
|---|---|---|---|---|---|---|
| Load capacity | | kg | 5 000 | 2 x 3 500 | 15 000 | 2 x 7 500 |
| Pulling capacity | | kg | 12 000 | | 30 000 | |
| Number of castors | | Pieces | 4 | 2 x 4 | 16 | 2 x 6 |
| Castor dimensions | Ø x l | mm | 140 x 59 | 85 x 85 | 140 x 59 | 140 x 59 |
| Height | | mm | 180 | 180 | 180 | 180 |
| Supporting surface of turnable | Ø C | mm | 150 | 170 x 170 | 215 | 220 x 120 |
| Dimensions | L1 x B1 | mm | 740 x 900 | 325 x 200 | 835 x 1215 | 460 x 205 |
| Weight without battery + remote control | | kg | 146 | 27 | 198 | 71 |
| Weight with battery + Box | | kg | 45 | | 45 | |
| Weight charger | | kg | 2 | | 2 | |
| Speed | | m/min | 10 | | 6,5 | |
| Operational time | | h | 4-5 | | 4-5 | |
| Operating mode in acc. with VDE 0530 | | | S1 | | S3 60% | |
| Battery with charger | | Pieces | 1 x | | 1 x | |
| Remote control, charger and belt with holder | | Pieces | 1 x | | 1 x | |
| **BESTELL-NR.** | | | **22 005 200-G** | **08 071 085-DH** | **22 015 200-G** | **10 153 140-V** |

TESTED
according to technical regulation DGUV



JFB 25 G

## TROLLEY CONFIGURATIONS

**Includes:**

- Electric-powered trolley.
- High performance accumulator with pulse charging device.
- Remote control with battery, charger and belt holder. The remote control can be switched from two-handed to one-handed operation - flexible (left/right).
- Adequate transport trolley.



Pulse charger



radio remote control



belt pouch

JLA-e ACCES-SORIES Page 66-67



### JLA-E CONFIGURATIONS

| TYP | | | JLA-E 25/50 H | JFB 25 G |
|---|---|---|---|---|
| Load capacity | | kg | 25 000 | 2 x 12 500 |
| Pulling capacity | | kg | 50 000 | |
| Number of castors | | Pieces | 16 | 2 x 10 |
| Castor dimensions | Ø x l | mm | 200 x 83 | 140 x 59 |
| Height | | mm | 230 | 230 |
| Supporting surface of turnable | ØC | mm | 250 | 220 x 120 |
| Dimensions | L1 x B1 | mm | 1 140 x 1 750 | 460x330 |
| Weight without battery + remote control | | kg | 578 | 90 |
| Weight with battery + Box | | kg | 45 | |
| Weight charger | | kg | 2 | |
| Speed | | m/min | 10 | |
| Operational time | | h | 2-3 | |
| Operating mode in acc. with VDE 0530 | | | S3 60% | |
| Battery with charger | | Pieces | 1 x | |
| Remote control, charger and belt with holder | | Pieces | 1 x | |
| **BESTELL-NR.** | | | **22 025 200-H** | **10 251 141-V** |

# TROLLEYS WITH STROKE ELECTRIC-POWERED

**For loads up to 30 metric tons, height 180 mm/200 mm**

## DESCRIPTION

■ Stroke max. 50 mm. The load can be moved in the extended state.

■ Practical, with battery and handy remote control. The remote control can be switched from two-handed to one-handed operation (flexible left/right). The one-handed operation allows to move the trolley exactly straight ahead.

■ High running time (at full load under ideal conditions) by direct-driven motor.

■ Low charging time of 4-5 h; Alternatively high-speed charger = 2-3 h. Available as accessory.

■ Spare a towing vehicle.

■ Operating mode according to VDE0530.

■ 360° maneuverable.

■ Continuously adjustable speed.

■ Very compact dimensions.

■ Compatible with series G (p. 32-33). Transport trolleys are not included.

■ LiFePo4 battery technology.

JLA-e ACCES-SORIES Page 66-67



| Loads up to | | | 12 t |
|---|---|---|---|
| **TYPE** | | | **■ JLA-E 5/12 G WITH STROKE** |
| Load capacity | | kg | 5000 |
| Pulling capacity | | kg | 12000 |
| Number of castors | | Pieces | 4 |
| Castor dimensions | Ø x l | mm | 140 x 59 |
| Height | | mm | 180 |
| Stroke | | mm | 50 |
| Supporting surface of turnable | Ø C | mm | 170 |
| Dimensions | L1 x B1 | mm | 975 x 900 |
| Weight without battery + controller | | kg | 164,5 |
| Weight battery + box | | kg | 45 |
| Weight charger | | kg | 2 |
| Speed | | m/min | 10 |
| Operational time | | h | 4-5 |
| Operating mode in acc. with VDE 0530 | | | S1 |
| Battery and charger | | Pieces | 1 x |
| Remote control, charger and belt with holder | | Pieces | 1 x |
| **ORDER NO.** | | | **■ 22 005 210-G HUB** |

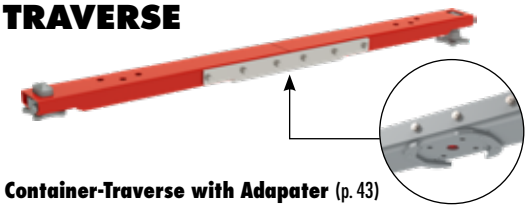


Retracted turnable

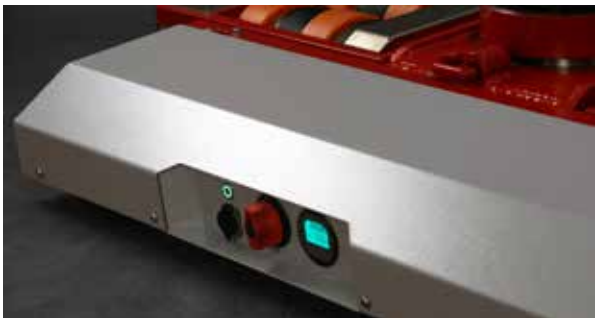


Extended turnable

**ALSO WITH CONTAINER TRAVERSE**



**Container-Traverse with Adapater** (p. 43)



JLA-e 15/30 G facelift with stroke and high-performance battery

JLA-e
**ACCES-SORIES**
Page 66-67



| Loads up to | | | 30 t |
|---|---|---|---|
| **TYPE** | | | **JLA-E 15/30 G WITH STROKE** |
| Load capacity | | kg | 15 000 |
| Pulling capacity | | kg | 30 000 |
| Number of castors | | Pieces | 16 |
| Castor dimensions | Ø x l | mm | 140 x 59 |
| Height | | mm | 200 |
| Storke | | | 50 |
| Supporting surface of turnable | ØC | mm | 215 |
| Dimensions | L1 x B1 | mm | 1 050 x 1 215 |
| Weight without battery + controller | | kg | 257,5 |
| Weight battery + box | | kg | 45 |
| Weight charger | | kg | 2 |
| Speed | | m/min | 6,5 |
| Operational time | | h | 4-5 |
| Operating mode in acc. with VDE 0530 | | | S3 60% |
| Battery and charger | | Pieces | 1 x |
| Remote control, charger and belt with holder | | Pieces | 1 x |
| **ORDER NO.** | | | **22 015 210-G HUB** |

# USEFUL ACCESSORIES

**For electric-powered transport trolleys**

## POWER SUPPLY

- Suitable for JLA-e 5/12 G und 15/30 G
- Cable length to the JLA-e: 10 m
- Cable length to the network: 2 m
- Output voltage DC: 48 V nominal
- Input voltage AC: 100-240 V
- Mains frequency: 50-60 Hz
- Temperature range: -25° C up to + 70° c operational
- Mounted on castors with push handle and cable holder.
- Weight: 18 kg



| TROLLEYS ELECTRIC-POWERED | | POWER SUPPLY |
|---|---|---|
| | | JLA-e 5/12 G & JLA-e 15/30 G |
| Dimensions | mm | 210 x 316 x 394 |
| Weight | kg | 18 |
| ORDER NO. | | 23 900 003-B |





| TROLLEYS ELECTRIC-POWERED | | FAST CHARGER | BATTERY EXTENSION CABLE SET | | DRIVE WHEEL | |
|---|---|---|---|---|---|---|
| | | JLA-e 5/12 G<br>JLA-e 15/30 G<br>JLA-e 25/50 H | JLA-e 5/12 G<br>JLA-e 15/30 G<br>JLA-e 25/50 H | JLA-e 5/12 G<br>JLA-e 15/30 G<br>JLA-e 25/50 H | JLA-e 5/12 G<br>JLA-e 15/30 G | JLA-e 25/50 H |
| Dimensions | mm | - | 5 000 long | 10 000 long | 140 x 118 x 35 | 200 x 83 x 70 |
| ORDER NO. | | 23 050 556-E | 93 151 003-B5 | 93 151 003-B10 | 93 050 157-V | 93 050 521-V |







| TRANSPORT BOXES | | TRANSPORT BOX JLA-E | |
|---|---|---|---|
| | | JLA-e 5/12 G | JLA-e 15/30 G |
| Dimensions | mm | 1320 x 880 x 760 | 1320 x 880 x 760 |
| Weight | kg | 190 | 190 |
| **ORDER NO.** | | **93 005 001-S** | **93 015 001-S** |

Our transport boxes can be moved with pallet trucks and forklifts!



| TRANSPORT BOXES | | TRANSPORT BOX JLA-E FOR STROKE | |
|---|---|---|---|
| | | JLA-e 5/12 G for stroke | JLA-e 15/30 G for stroke |
| Dimensions | mm | 1320 x 1100 x 760 | 1320 x 1100 x 760 |
| Weight | kg | 205 | 205 |
| **ORDER NO.** | | **93 005 001-H** | **93 015 001-H** |



| TRANSPORT BOXES | | TRANSPORT BOX JLA-E 25/50 H |
|---|---|---|
| | | JLA-e 25/50 H |
| Dimensions | mm | 1 940 x 1 268 x 600 |
| Weight | kg | 355 |
| **ORDER NO.** | | **93 200 125-H** |

# TROLLEY
# AIR-POWERED

**For loads up to 30 metric tons, height 180 mm**

## DESCRIPTION

- Ecofriendly, uses only compressed air.
- Spare a towing vehicle.
- Low maintenance propulsion system.
- No need to charge any batteries.
- 360° maneuverable.
- Compatible with G-series transport trolleys (page 32-33).
- All hoses are detachable for compact and easy transport.
- Quick set up. Connect air supply hose and go.
- Requires standard shop air connection with 8 bar (116 psi) and air volume of 1500 L / min (25 L / s) or (53 SCFM).
- Continuously adjustable by adjusting the working pressure.
- Length of the air hose: 4 m
- Model JLA-p 15 / 30 G includes the trolley and remote control unit.
- Two air motors are independently controllable by two joysticks.
- Maneuverability: Forward, reverse, in place turning.
- Higher capacities available on request.

JLA-p ACCESSORIES Page 66-67



| Loads up to | | | 15 t |
|---|---|---|---|
| **TYPE** | | | **JLA-P 15/30 G** |
| Load capacity | | kg | 15 000 |
| Pulling capacity | | kg | 30 000 |
| Number of castors | | Pieces | 16 |
| Castor dimensions | Ø x l | mm | 140 x 59 |
| Height | | mm | 180 |
| Supporting surface per cassette | Ø C | mm | 215 |
| Dimensions | L1 x B1 | mm | 650 x 1 000 |
| Weight without control box | | kg | 175 |
| Air consumption | | L/sec. | 25 |
| Required air pressure | | bar | 8 |
| **ORDER NO.** | | | **22 150 140-V** |

# TROLLEY SETS AIR-POWERED

**TESTED**
according to technical regulation DGUV V68 (German)

## TROLLEY SETS

### Set 2 includes:

- 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 (not overseas)



Underside view of JLA-p trolley

### Set 3 additionally includes:

- Transport trolley JFB 15 G (see page 32)



JLA-p Set in action





**JLA SETS**

| TYPE | | JLA-P SET 2 | JLA-P SET 3 |
|---|---|---|---|
| JLA-p incl. control box | | 1 x | 1 x |
| Hose length/diameter | | 30 m/19 mm | 30 m/19 mm |
| Cart + oil + chain spray | | 1 x | 1 x |
| JFB 15 G | | - | 1 x |
| Weight | kg | 175 | 338 |
| **ORDER NO.** | | **22 150 140-VP2** | **22 150 140-VP3** |

# MOVING
# IN FORMATION.

**Intelligent. Precise. Safe.**

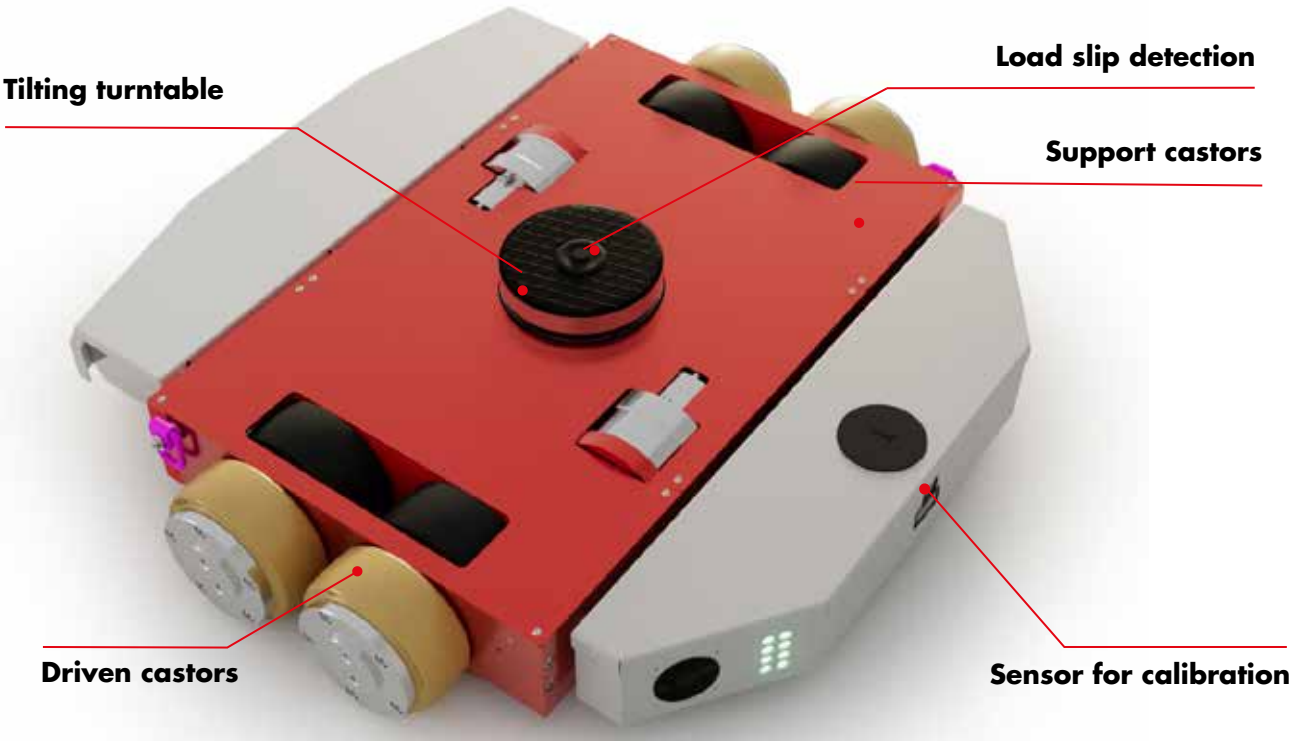


JUNG FORMIC



# » JLA-eForm

## ELECTRIC-POWERED TRANSPORT TROLLEYS IN FORMATION




Video JLA-eForm:

| TYPE | | | JLA-EFORM 15/30 H |
|---|---|---|---|
| Load capacity | | kg | 15 000 |
| Pulling capacity | | kg | 30 000 |
| Number of castors | | Pieces | 8 |
| Castor dimensions | Ø x l | mm | 200 x 78 |
| Height | | mm | 240 |
| Supporting surface of turntable | Ø C | mm | 215 |
| Dimensions | L1 x B1 | mm | 1100 x 1175 |
| Weight | | kg | 395 |
| Weight charger | | kg | 2 |
| Battery type | | | Li-Ion |
| Speed | | m/min | 9 |
| Operational time | | h | 4-5 |
| ORDER NO. | | | 24 015 100-H |

## DESCRIPTION

■ Developed in close collaboration with FORMIC Transportsysteme GmbH, the JLA-eForm combines decades of heavy-load transport expertise with cutting-ege drive technology.

■ The transport modules can be positioned flexibly under the load – depending on the center of gravity and available space – allowing optimal adaptation to a wide range of transport requirements.

■ The intuitive touchscreen control enables convenient and precise operation of all units. Depending on the application, up to three vehicles can be controlled simultaneously via a single remote.

### SAFETY SENSOR SYSTEM

A sensor for detecting load shifts enhances safety.

### OMNIDIRECTIONAL MANEUVERABILITY

The vehicles can move in all directions and are suitable for use in very confined spaces.

### FLEXIBLE POSITIONING

The transport trolleys can be positioned flexibly beneath the load, depending on the center of gravity and the available space.



### PRECISE POSITIONING

Accurate and sensitive positioning of the transport trolleys is possible.

### ROTATION AROUND ANY PIVOT POINT.

The load can be rotated around any pivot point.

### INTUITIVE TOUCHSCREEN CONTROL

A large touchscreen on the remote control enables comfortable and simultaneous control of up to three devices.



# ACCESSORIES FOR FORKLIFTS

**Transport dolly hitch, steering traverse & forklift clamps**

## DESCRIPTION

■ **FORKLIFT HITCH** for pushing and pulling loads. Includes lashing chain to secure to forklift truck. Suitable for all JUNG trolleys outfitted with a towing eye.

■ 3 metric tons traction force.*

■ Simply place on forklift forks, secure with lashing chain and go.

■ Easy maneuverability.

■ Capable of moving loads forward and in reverse.



| TYPE | | | ■ JRH 3 |
|---|---|---|---|
| Push/Pull force | | kg | 3000 |
| Dimensions L x W x H | L x W x H | mm | 425 x 590 x 325 |
| Hitch pin | Ø | mm | 40 |
| For forks | max. | mm | 90 x 170 |
| Fork separation | min. | mm | 240 |
| Weight | | kg | 35 |
| ORDER NO. | | | ■ 13 303 000-B |

*Equivalent to 60 tonnes of transport weight with JUNG landing gear on level ground.

## DESCRIPTION

■ **Forklift turntable** for maneuvering heavy loads with a forklift truck.

■ Thrust bearing supported turntable with anti-slip load pad.

■ Simply place on the forklift forks and go.

■ Reversed side equipped with anti-slip pads.

■ Usable as steerable support for 3 or 15 t





| TYPE | | | ■ JLT 3 | ■ JLT 15 |
|---|---|---|---|---|
| Load capacity | | kg | 3000 | 15000 |
| Dimensions | L x W x H | mm | 550 x 240 x 100 | 550 x 300 x 174 |
| Supporting surface of turntable | Ø | mm | 150 | 250 |
| For forks | max. | mm | 180 | 180 |
| Fork separation | min. | mm | 200 | 200 |
| Weight | | kg | 18 | 43 |
| ORDER NO. | | | ■ 13 203 000-V | ■ 13 215 000-V |

## DESCRIPTION

■ **Set of forklift clamps with tie-down straps** for binding and securing.

■ Secure valuable and unstable loads against slipping.

■ Each set includes 2 screw type fork clamps, 2 eye type fork clamps and 2 tie-down straps.

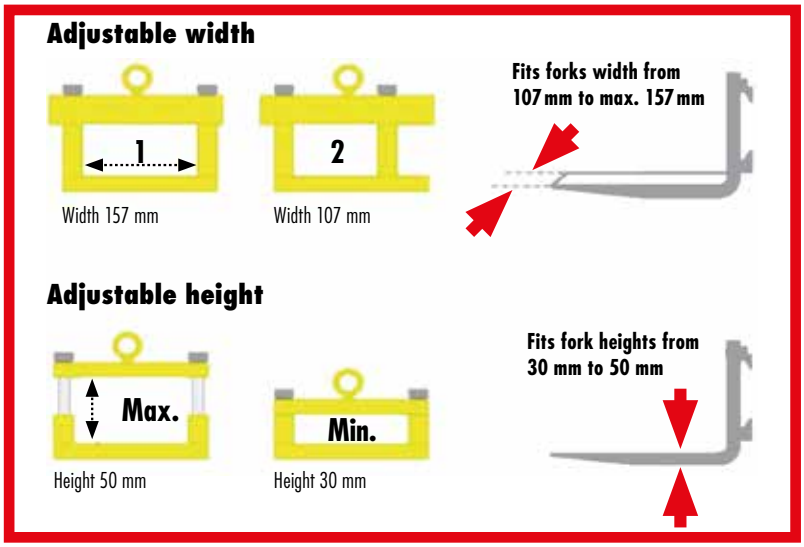
■ Simply attach the screw type fork clamps to the forks behind the load.

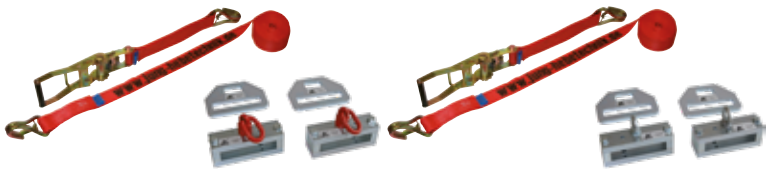
■ More safety for movement of top heavy loads.

■ Slide eye type fork clamps onto the tips of the forks and strap load in between for safe transport.



Secure loads with forklift clamps and tension belts



| TYPE | | ■ JGK-A | ■ JGK-R |
|---|---|---|---|
| Version | | with SWIVEL eye bolts | with FIXED eye bolts |
| Features | | turnable | fixed |
| Forks width | mm | 107 - 157 | 107 - 157 |
| Forks height | mm | 30 - 50 | 30 - 50 |
| Length of tie-down straps | mm | 5000 | 5000 |
| Bind capacity | daN | 400 | 400 |
| Weight | kg | 19 | 18 |
| **ORDER NO.** | | **■ 25 090 401-B** | **■ 25 090 451-B** |

# QUICKLY
# TRANSPORTED.



JUNG

# HYDRO-TRANSPORTER

**For loads up to 3,8 metric tons**

## DESCRIPTION

■ Hydro transporters are simple and very safe to use. The two halves of the hydro transporter are fastened to the sides of the device or goods to be transported (cabinets, safes, machines, boxes, etc.) using the lashing strap, creating a single transport unit.

■ After pumping up the movable part of the transporter on both sides the load is lifted and ready for moving.

■ Both transport units are easy to transport together.

■ Scope of delivery: 2 transport units, 2 connecting belts (5m)

■ Steering can be done by the top link bars on each unit, connected with the big wheels equipped with ball bearings. The linkage guarantees that the wheels are always in parallel direction.

■ High lifting height: 180 mm

■ The load capacity specifications refer to a maximum speed of 2 km/h.



Boxes, safes or machines - quick and easy to handle with the Hydro-Transporter!







| Loads up to | | | 1,8 t | 3 t | 3,8 t |
|---|---|---|---|---|---|
| **TYPE** | | | **JHT 18 S** | **JHT 30 S** | **JHT 38 S** |
| Load capacity | | kg | 1 800 | 3 000 | 3 800 |
| Lift | | mm | 180 | 180 | 180 |
| Height | H | mm | 1 010 | 1 080 | 1 090 |
| Length | B | mm | 540 | 585 | 640 |
| Belt length | | mm | 5 000 | 5 000 | 5 000 |
| Wheel diam. Ø | | mm | 150 | 200 | 200 |
| Weight | | kg | 82 | 103 | 107 |
| **ORDER NO.** | | | **30 181 002-H** | **30 301 001-H** | **30 351 002-H** |

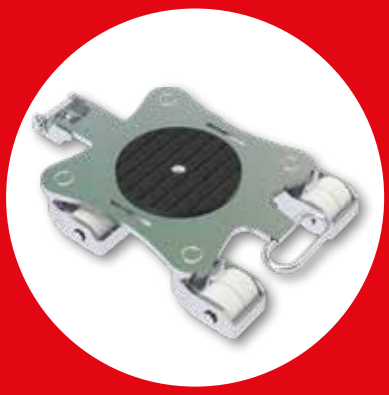
# NICKEL-PLATED STEEL EQUIPMENT & CUSTOMISED SOLUTIONS

## NICKEL-PLATED STEEL EQUIPMENT

- Better surface protection in case of collision damage (no chipping of the topcoat).
- Improved protection against corrosion.
- Good application in sensitive environments such as clean rooms.
- Surface protection, solvent resistance.



**JH 6 G plus**



**JKB 3**

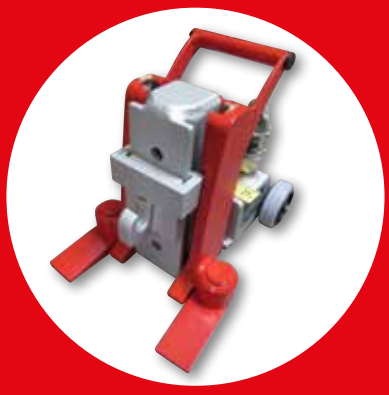
## CUSTOMISED SOLUTIONS



**Towing devices**



**Special types of lifting toes/Special adapter for jacks**





**Customised transport set JLF & JKB**



**Special turntable JLA-e**



**Special Construction JLB 20 G**

# CATALOG OVERVIEW

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**Tugger trains for intralogistics**



**Support technology/ Ground protection**



**Industrial hydraulics BVA**



**Leveling castors**



**Lifting bags**

**Custom solution needed?**
We solve uncommon lifting and transport problems by custom solutions - safe, fast and cost effective. Please do not hesitate to contact us!

**Design, manufacturing, consulting, sales and service:**

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**jung-hebetechnik.de**

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