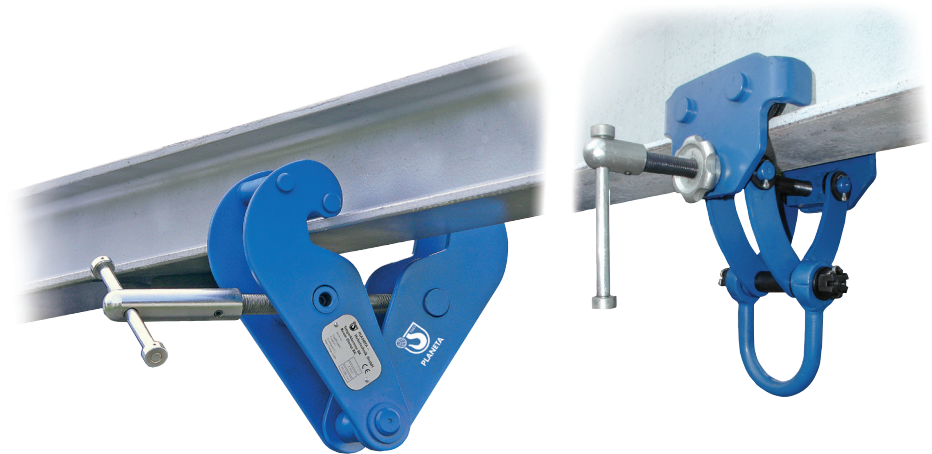


Operation and Maintenance Manual

Beam Clamp BK and Trolley BR

Installation - Operation - Maintenance



IMPORTANT – READ PRIOR USE!

PLANETA-Hebetechnik GmbH • Resser Str. 17 & 23 • D-44653 Herne
Tel. +49 2325 9580-0 • Fax +49 2325 77077 • info@planeta-herne.de • www.planeta-hebetechnik.de

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Contents

| | |
|-------------------------------------|---|
| SAFETY | 4 |
| 1. Generally | 5 |
| 2. Important Notes | 5 |
| 3. Security advices | 6 |
| 4. Security advices | 6 |
| 5. Security advices | 6 |
| 6. Maintenance and inspection | 7 |
| 7. Spare Parts | 7 |
| EC-Declaration of Conformity | 8 |
| Factory Test Report | 9 |

SAFETY

| | |
|------------------------|-----------------------------|
| <p>1</p> | <p>2</p> |
| <p>3</p> | <p>4</p> |
| <p>5</p> | <p>6</p> |
| <p>Trägerklemme BK</p> | <p>Träger-Rollklemme BR</p> |

1. Generally

Beam Clamp BK and Trolley BR

Available in the following capacities:

| Type | Load capacity in kg | Flange width in mm |
|-----------|---------------------|--------------------|
| BK – 10 | 1000 | 75-230 |
| BK – 20 | 2000 | 75-230 |
| BK – 30 | 3000 | 80-320 |
| BK – 50 | 5000 | 90-320 |
| BK – 100 | 10000 | 90-320 |
| BR – 10 | 1000 | 64-203 |
| BR – 20 | 2000 | 76-203 |
| BR – 30 | 3000 | 76-203 |
| BR – 50 | 5000 | 100-305 |
| BR – 60-S | 6000 | 75-200 |

2. Important Notes

- Read instruction and make it available to operators on the device before using it.
- Operator must be instructed properly with the device. Never leave the device under load unattended!
- Never exceed carrying capacity indicated on the name plate. Do not draw any pull and lifting ropes or chains respectively over angles.
- Do not transport persons or loads with the product over areas below which persons could be staying.
- Device must be checked once a year by a technical expert, in case of harder operating conditions more often. Ask your retailer or PLANETA. The enterpriser is liable in case of damages and has to provide test certificates.
- Check the device regarding damages, unfastened screws or twists before using it and eliminate failures.
- Repair works on PLANETA hoisting devices shall only be carried out by the manufacturer or an instructed repair shop respectively by using PLANETA spare parts.
- Check load carrying constructions, load securing devices, mountings, cross beams etc. regarding load carrying capacity and condition of the required loads by a technical expert.

- Non-observance of the instruction, improper use, and corrosion by insufficient protection or product alterations without authority result in the expiry of the warranty.
- Risk of corrosion in case of continuous contact with unfavourable atmospheric conditions as for example high humidity or harmful environmental influences as for example atmospheres with acid vapours, corrosive gases or high dust concentration cause early wear. This effectuates no claim under warranty.

3. Security advices

- Never use beam clamp unless securely fastened to girder or structure.
- Always make sure beam, girder or structure is suitable for beam clamp and that safe working load has been applied.

4. Assembly advices before initiation

- The jaws of the clamp may be opened and closed by turning the threaded bar accordingly.
- Make sure the beam clamp has the correct size, capacity and beam span for the beam, girder or structure to be used.
- When attaching to beam or structure, ensure that the jaws are seated correctly and adequately tightened.

5. Operation

When you follow strictly this manual, you can use the beam clamp for attaching lifting material with the same load bearing capacity.

Special Notes BR-Trolley

- Open the head spindle till the wheels fits over the beam.
- Close the spindle till the wheels are laid full on the beam. Please leave 1-2 mm clearance between the flanges of the wheels and the edge of the flange.
- Please tighten the safe nut now against the side plate.

6. Maintenance and inspection

- Depending on use, all moving parts including the threaded bar, should be greased once or twice yearly.
- During this procedure, check if all components are free of distortion, wear or corrosion and ensure the clamp functions smoothly.

7. Spare Parts

BK-Clamp: **1.** Clamping plate **2.** Clamping jaw **3.** Support pin **4.** Fitting pipe **5.** Nut
6. Cross handle **7.** Handle **8.** Spring pin **9.** Bolt **10.** Hanging beam
11. Screw bar **12.** Washer

BR-Trolley: **1.** Side plate **2.** Wheel **3.** lock nut **4.** spindle **5.** shackle



EC-Declaration of Conformity

In the sense of 2006/42/EC Guidelines, Appendix II A, 2004/108/EG, Appendix I and 2006/95/EG, Appendix III

Herewith we declare,

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that the product

| | |
|-------------------|-----------------------------|
| Beam clamp | Type BK & BR |
| Capacity | 1.000 kg – 10.000 kg |
| Trolley | Type BR |
| Capacity | 1.000 kg – 5.000 kg |

which was developed for lifting and lowering of loads, in the standard version, including load capacity control, is intended for installation in a machine and meets the basic requirements for the following EC directives, as applicable for the delivered scope:

EG-Maschinenrichtlinie 2006/42/EG

Authorized for the compilation of the relevant technical documentation:

**Dipl.-Ing. Matthias B. Klawitter, CE-Koordinator,
PLANETA-Hebetechnik GmbH, Resser Straße 17, D-44653 Herne**

Herne, 23.04.2014

PLANETA-Hebetechnik GmbH



Dipl.-Ing. Paul H. Klawitter
(Chief executive officer)

Is responsible for the completion, installation and commissioning according to the manual responsible:

Location: Date:

Responsible for:

Company:

Your in charge of supplier: