



Order no.: REF-30233440

## Bridging step 45° in Z-shape

### Specification

Business division <b>MUNK Günzburger Steigtechnik</b>	Sector <b>Industrial systems</b>	Type <b>stationary</b>	Height <b>fixed</b>
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### Facts

- Platform length (PFL 1): 2,860 mm
- Platform width (PFB 1): min. 1,200 mm
- On one platform end face with suspension bracket for stairs
- Platform length (PFL 2): 960 mm
- Platform width (PFB 2): 650 mm
- On the long side of the platform facing away from the object with suspension bracket for stairs
- Platform height top edge (PFH): 1800 mm
- Overall width (B 1): 1,300 mm
- Overall width (B 2): 700 mm
- Clearance height (LH): 1,682 mm (for PFL 1)
- Clearance height (LH): approx. 1,682 mm (for PFL 2)

### Description

#### Client's Request and Task

An innovative manufacturing company required a specialized bridging step for its facility, designed to span roller conveyors and tailored specifically to maintenance requirements. The challenge was to develop a bridging step that is easy to disassemble, ergonomic, and safe for employees, while being stable, reliable, and compliant with standards.

#### Customer Requirements

- Specialized bridging step for production facilities
- Easy disassembly for maintenance purposes
- Individual adaptation for various types of facilities
- High stability and work safety

- Clear width (LW I): min. 1,892 mm at PFL 1
- Clear width (LW II): min. 800 mm at PFB 1
- Step width staircase 1 (SB 1): 1,050 mm
- Step width staircase 2 (SB 2): 600 mm
- Step depth stairs 1/2 (ST): 240 mm
- Inclination of stairs 1/2 (W): 45°
- Fastening: Bottom fixing bracket 10 pieces
- Covering: Aluminium grated
- Surface load: 1.5 kN/m<sup>2</sup>
- Step load: 150 kg

### **Our Solution**

#### **Design of the Bridging Step**

We developed a 45° bridging step in Z-shape, consisting of two platforms with different lengths and widths, connected by two attachable staircases. Six supports with foot angles ensure the secure attachment of the bridging step. A surrounding, plug-in handrail and railing system provide additional safety.

#### **Technical Features**

The main platform has a length of 2860 mm and a width of at least 1200 mm, while the second platform is 960 mm long and 650 mm wide. Both platforms are located at a height of 1800 mm above the ground. The staircases have a 45° inclination, with step widths of 1050 mm and 600 mm, and a step depth of 240 mm. The covering is made of grooved aluminium.

#### **Safety and Comfort Aspects**

The platforms are designed to carry a surface load of 1.5 kN/m<sup>2</sup>, with a step load capacity of up to 150 kg.

#### **Conclusion**

The 45° bridging step in Z-shape offers a tailor-made, safe, and flexible solution for the specific requirements of the manufacturing company. With its easy disassembly, ergonomic design, and high stability, it improves efficiency and safety during maintenance work at the production facilities.

## **Information on sustainability criteria**

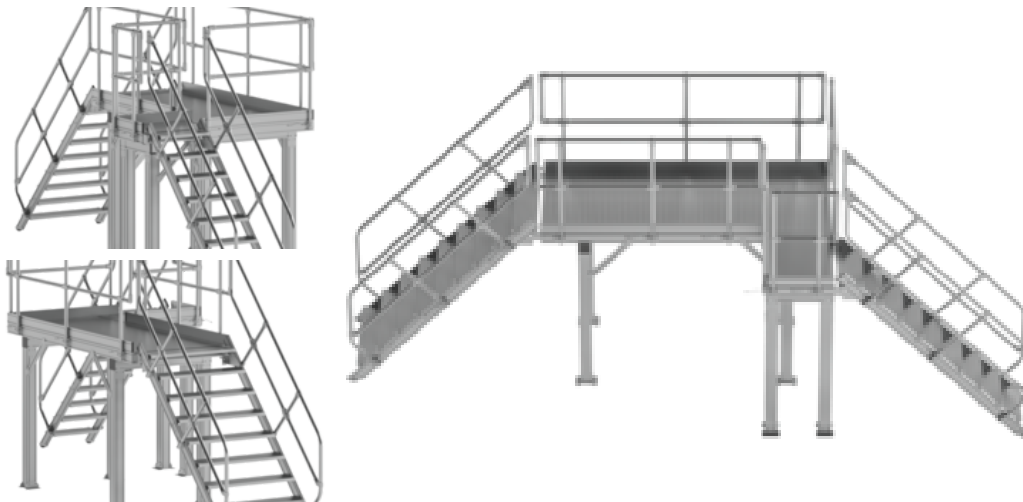
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- Corporate certification: ISO 9001
- Corporate certification: EN 1090
- Corporate certification: EcoVadis
- RoHS
- REACH
- The MUNK Group complies with a Code of Conduct

- The Supply Chain Act does not apply due to our size
- The materials used are listed in the technical specification
- Resource-saving production: own photovoltaic systems
- Energy-efficient consumption during production: LED lighting
- Repairability, durability and quality: 15-year warranty on series products made in Germany
- Recyclability: Our products are mostly made of aluminium, steel or wood and can be fed directly into the recycling process.
- Socially acceptable working conditions in production: fair wages, gender equality
- Economical and recyclable packaging: no use of polystyrene, predominantly use of wood and cardboard, small amounts of plastic
- No health hazards for the users

## More product pictures

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## Added value

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From decades of experience, we know that individual requirements require special solutions. That's why we are here to help you realize your custom construction.

Get inspired by our reference products and make your unique idea a success. We look forward to supporting your project with our expertise and dedication. Contact our competent team for more information and assistance.

With MUNK Group by your side, your custom construction becomes a reality: Safety. Made in Germany.

### What we offer

- On-site consultation and project planning
- Custom development according to your requirements
- Precision manufacturing
- Functional and cost-effective access solutions
- Maximum workplace safety
- Fast delivery
- Compliance with all relevant German, English, and international standards and regulations, such as BetrSichV, DGUV regulations, Machinery Directive 2006/42/EC

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## Corporate certifications

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on sustainability criteria

