



Order no.: REF-30233440

Bridging step 45° in Z-shape

Specification

Business division MUNK Günzburger Steigtechnik	Sector Industrial systems	Type stationary	Height fixed
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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/m²
- 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/m², with a step load capacity of up to 150 kg.

Conclusion

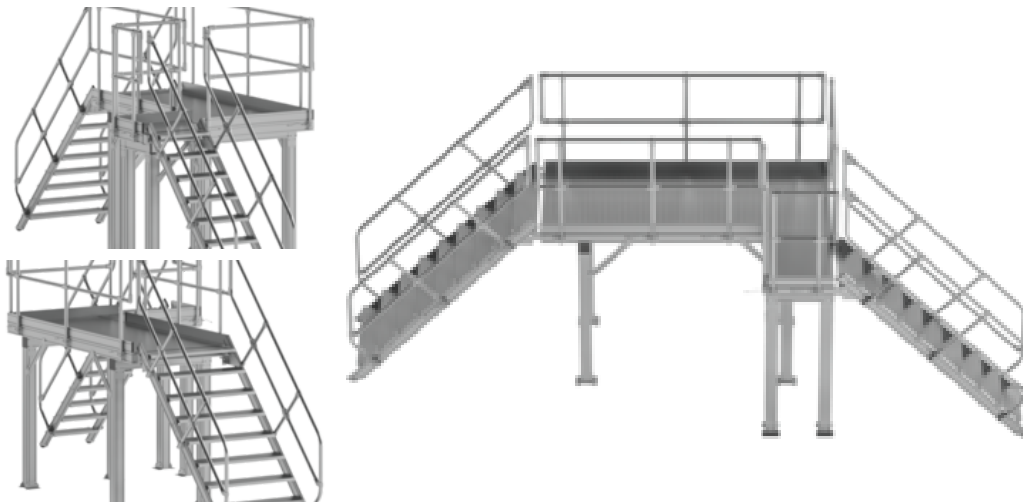
The 45° bridging step in Z-shape offers a tailor-made, safe, and flexible solution for the specific requirements of the manufacturing company. With its easy disassembly, ergonomic design, and high stability, it improves efficiency and safety during maintenance work at the production facilities.

Information on sustainability criteria

- 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



Added value

Trust us as your competent partner for tailored access equipment solutions. From analysis and design to construction and premium after-sales service, we are the industry leader.

★ Analysis

We set the benchmark when it comes to evaluating access equipment requirements. Our experts take the time to fully understand your specific needs. Following a thorough analysis, we present a customised solution precisely tailored to your individual circumstances. Rely on us to identify your challenges and provide innovative solutions.

★ Design

We lead the way in planning bespoke solutions. With creativity, technical expertise, and a deep understanding of access equipment, we develop groundbreaking concepts. Our experienced team designs outstanding solutions that meet the highest safety standards while maximising efficiency and ergonomics for you. Let our expertise and innovative strength impress you.

★ Construction

In construction, we set the bar high. Our engineers and production planners possess unique expertise and extensive experience in access equipment. Using state-of-the-art technologies and high-quality materials, we realise your design down to the smallest detail. Precision and quality are our top priorities, ensuring bespoke solutions that meet the highest demands.

★ Production

At our modern production facilities in Günzburg, we professionally and efficiently bring your plans and requests to life. Our specialists in access equipment, electronics, and mechanics focus on one thing: quality that delivers on its promises. Every construction, big or small, is crafted with the utmost care and precision and rigorously tested before shipping.

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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★ **After Sales**

Our commitment doesn't end with the completion of your bespoke solution. We excel in after-sales service. Through assembly, maintenance, inspections, and repairs, we ensure your customised access equipment remains in perfect condition. Our reliable team offers top-tier customer service, ensuring your satisfaction is always our priority.



Corporate certifications

on sustainability criteria



Management System
ISO 9001:2015
ISO 14001:2015
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