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Order no.: REF-30233440

Bridging step 45° in Z-shape

Specification

Business division	Sector	Type	Height
MUNK Günzburger Steigtechnik	Industrial systems	stationary	fixed

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.

We reserve the right to make technical changes and price changes.

More product pictures







Added value

Trust in us as your competent partner in the field of individual access equipment solutions. We are industry leaders from analysis to conception and design to first-class after-sales service.

★ Analysis

We set standards in the evaluation of access equipment requirements. Our experts take sufficient time to understand your specific needs. After a thorough analysis, we will present you with a tailor-made design that is perfectly tailored to your individual circumstances. Rely on us to identify your challenges and solve them in an innovative way.

★ Concept

We are leaders in the planning of special designs. With creativity, technical know-how and a deep understanding of access equipment, we develop pioneering concepts. Our experienced team designs outstanding solutions that meet the highest safety standards and maximise your efficiency and ergonomics. Let yourself be impressed by our competence and innovative strength.

★ Design

We set the bar high in design. Our engineers and production planners have unique specialist knowledge and many years of experience in the field of access equipment. With the latest technologies and high-quality materials we realise your concept down to the smallest detail. Precision and quality are the first priority – for your special designs that meet the highest demands.

★ Production

In our modern production halls at our headquarters in Günzburg, we can implement your planning and wishes professionally and efficiently. Our specialists in access equipment, electronics and mechanics always have only one thing in mind: Quality that delivers what it promises. That's why every design, whether large or small, is manufactured with the highest quality and precision and thoroughly tested before shipment.

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

Open contact form



★ After sales

Our commitment does not end with the completion of the special design. We are unbeatable in after-sales service. With assembly, maintenance, testing and repairs, we ensure that your special design always remains in perfect condition. Our reliable team provides you with superior customer service and ensures that your satisfaction is first and foremost.



MUNK
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Corporate certifications

Standards for quality and sustainability

Nachhaltigkeit
EcoVadis
sustainable supply management
CSR-Rating in Silber 2022