MUNK
Sicherheit. Made in Germany.



Order no.: REF-30158574

Platform stairs 45° movable with fold-down platform & scissor railings

Specification

Business division	Sector	Type	Height
MUNK Günzburger Steigtechnik	Commercial vehicles	mobile	fixed

Facts

- Total length: approx. 5,304 - 5,992 mm
- Total width: 1,039 mm + 1,239 mm
- Total height: 2,700 mm
- Platform length: 3,490 mm + 1,060 mm foldable at the PF end face
- Platform width: 850 mm + 1,050 mm
- Platform height: 1,600 mm
- Step width (SB): 800 mm + 1,000 mm
- Step depth (ST): 240 mm
- Inclination: 45°
- Platform covering: grooved aluminium
- Mobile, 4 swivel castors with directional lock: Ø 160 mm with central foot brake under first step
- Surface load: 150 kg/m²

Description

Client's Request and Task

A leading manufacturer of crane trucks required a specialized work platform for the assembly area of its crane booms. A crucial aspect was the platform's flexibility, as the crane boom needs to swing over the platform during assembly without the railings being in the way. The platform ladder had to be usable for various types of cranes, individually adaptable, easily operable by one employee, protect the product from damage, and be stable, reliable, and compliant with standards. A special focus was placed on simple and quick handling.

Customer Requirements

- Work platform for the assembly area of crane trucks
- Flexibility for use with various types of cranes

- Total load: 300 kg
- Step load: 150 kg

- Easy operability and protection from damage
- Stable, reliable, and standard-compliant execution

Our Solution

Platform Ladder Concept
The solution consists of two symmetrically designed, mobile platform ladders with a 45° inclination, one for each the left and right side. Each ladder has a foldable platform that is locked via a hinge. Scissor railings on the longitudinal side can be unlocked from the upper platform using a foot pedal. These railings are extendable and equipped with gas pressure dampers to ensure easy handling. Additionally, protective tubes on the sides opposite the railings and in the ascent area protect the product.

Technical Data and Safety Features
The total length of the platform ladder is approximately 6000 mm, with a width of about 1000 mm and a height of 2700 mm. The platform itself is 3500 mm long, with an additional 1060 mm foldable at the front, and has a width of 850 mm. The platform height is 1600 mm. The ladder is equipped with a ribbed aluminum platform and is mobile thanks to four steering casters with direction locks and a foot central brake under the first step.

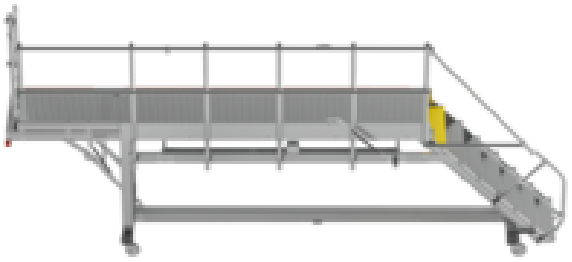
Load Capacities
The platform ladder is designed for a surface load of 150 kg/m² and has a total load capacity of 300 kg. Each step can bear a load of up to 150 kg.

Conclusion
The platform stairs movable with a 45° inclination and foldable platform provides an ideal solution for the specific requirements of crane truck construction. With its flexibility, ease of handling, and safety features, it efficiently supports assembly work while simultaneously meeting the highest standards of occupational safety and product quality.

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
Sicherheit. Made in Germany.

Corporate certifications

Standards for quality and sustainability

Nachhaltigkeit
EcoVadis
sustainable supply management
CSR-Rating in Silber 2022