



Order no.: REF-30158574

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

Specification

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

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

- Surface load: 150 kg/m²
- 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.

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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