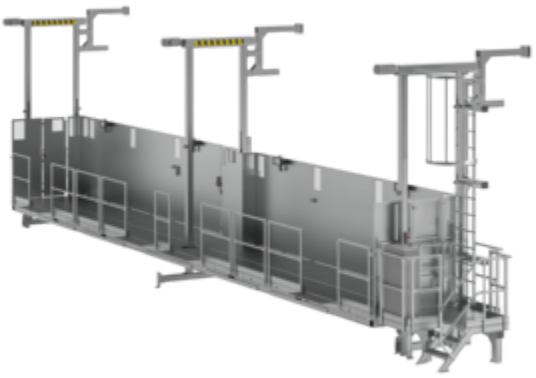
MUNK
Sicherheit. Made in Germany.



Order no.: REF-30273121

Work platform with electric height adjustment

Specification

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

Facts

- Platform: Decking: Steel grating R12, flaps: Aluminium hot-rolled sheet R9
- Platform: Platform length PFL: 15,440 mm
- Platform: Platform width PFB: 1,750 mm + flaps 400 mm
- Platform: Platform height PFH min.: 650 mm
- Platform: Platform height PFH max.: 2,950 mm
- Platform: Adjustment range V: 2,300 mm, infinitely variable
- Platform: Total width B: approx. 1,900 mm
- Platform: Total height H: approx. 4,830 mm
- Platform: Railing: Railing on 3 sides, clad with perforated sheet metal on the rear and both ends, partially pluggable on the front long side
- Platform - special features: 4 LED spotlights

Description

Client's Request and Task

In the course of an innovative project, a client with special needs approached us: the development of a multifunctional working platform that not only withstands the harsh environment of a production facility but also supports efficient workflow and considers the well-being of employees. The platform had to be transported to the basement through a small opening in the ceiling for assembly. Additionally, it was essential to design the height adjustment so that it was not only safe but also quick to minimize waiting times and increase overall efficiency. The challenge lay not only in the physical design of the product but also in integrating dynamic and responsive elements that would enable seamless integration into the client's operational flow. Furthermore, the construction had to ensure that users always have comfortable and safe access to their work area, with a focus on

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

- Platform - special features: Media supply on platform
- Platform - Special features: 4 230V/50Hz work sockets
- Platform - Special features: 4 hinged platform extensions on the front long side
- Platform - special features: Contact strip attached to the underside of the platform (2x long side and 2x front side)
- Platform - special features: 3 operating points on the platform and 3 outside as access points
- Access: Three access doors to the platform (electrically monitored): 2x front side (SS), 1x long side (LS)
- Access: Vertical height (stairs) SS-SH: 650 mm
- Access: Vertical height SS-SH: 1,000 mm
- Access: Vertical height LS-SH: 1,600 mm
- Access: Step width SB: 600 mm
- Access: Step depth ST: 235 mm
- Access: Inclination 45°
- Access: Decking: R12 steel grating
- Access: Handrail: one-sided right
- Access: Emergency descent ladder mounted at the front end, rotated 90°
- Control: Drive motor: 400V/50Hz
- Control: Motor power: 3 x 1.1kW
- Control unit: Protection class: IP 55
- Control: Control voltage 24V DC
- Control: Synchronisation monitoring
- Control: Adjustment speed 3.0 m/min
- Control: Controlled via dead man's function
- Surface load: 200 kg/m²
- Total load: 1,000 kg
- Step load: 150 kg

ergonomic handling and accident prevention. Thus, we faced the task of developing a tailor-made product that represents a symbiosis of technical sophistication and user-centered design.

Customer Requirements

- Reliable operation in dusty and oily environments
- Assembly-friendly components for transport through a narrow ceiling opening
- Working platform with variable height adjustment
- Accessibility of the working platform from three sides
- Increasing the speed of height adjustment for more efficient processes
- Ergonomic and safe working environment for employees
- Stable, reliable, and standard-compliant construction of the working platform

Our Solution

Working Platform Concept
The answer to these requirements was the development of a working platform with electric height adjustment, enabled by the use of electric motors and a threaded spindle for precise height adjustments. The construction was specifically designed for transport through a small opening and features assembly-friendly components.

Flexible Access and Adjustment Options
The working platform offers access from three sides to meet the diverse requirements of different working positions. Continuous height adjustment using threaded spindles and monitoring the synchronization of the drive motors enable quick and precise positioning.

Integrated Safety Features and Ergonomics
The platform features flaps for widening to create additional space and enhance safety. The cladding with aluminum perforated sheet and the fixed staircase with platform ensure safe access. An

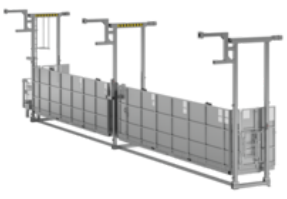
emergency descent ladder and multiple operating points increase the functionality and safety of the construction.

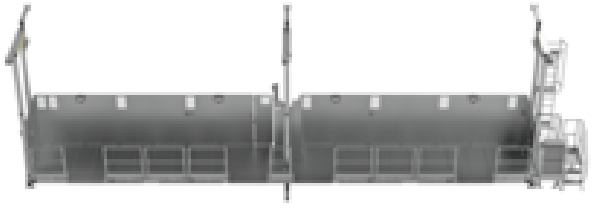
Technical Integration and Approvals
The technical specifications of the working platform were precisely tailored to the load requirements and desired adjustment speed. The system is firmly anchored and approved for personnel transport, with a load limit that ensures safety and standard compliance.

Conclusion
This custom-made working platform embodies an intelligent synthesis of functionality, ergonomics, and safety. The solution tailored to customer needs not only improves work processes but also significantly contributes to employee satisfaction. The platform offers optimal adaptation to the complex challenges of our client's industrial environment through its robust construction and easy handling.

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