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Order no.: REF-30226991

Slewing ring work platform

Specification

Business division	Sector	Type	Height
MUNK Günzburger Steigtechnik	Industrial systems | Commercial vehicles	partly mobile	fixed

Facts

- Platform length (PFL): 4,100 mm, of which 3,300 mm can be swivelled
- Platform height (PFH): 1,600 mm
- Platform width (PFB): 850 mm
- Platform surface / step surface: grooved aluminium
- Stair inclination: 45°
- Step width: 800 mm
- Step depth: 240 mm
- Handrail: on both sides
- Total load: 300 kg

Description

Client's Request and Task

In an industry where precision and efficiency are of utmost importance, our client approached us with the specific request to optimize the assembly processes of excavators. The goal was to develop a solution that not only significantly reduces the setup times of excavators but also improves the working conditions for the assembly teams. The challenge was to construct a slewing ring work platform that seamlessly integrates into existing workflows and simultaneously sets new standards in terms of ergonomics and safety. Particular emphasis was placed on a stable and reliable construction that not only meets but exceeds all applicable standards.

The platform was to provide not just a physical platform but also act as a catalyst for a more efficient and safe working environment. A key part

of the task was therefore to design the platform in such a way that it allows for quick setup of the excavator through an innovative, rotatable platform. Every aspect of the design aimed to make the work more ergonomic for employees and reduce the risk of accidents to an absolute minimum. This required a creative approach to design a construction that sets new standards in both functionality and handling.

Customer Requirements

- Use of a slewing ring work platform in excavator assembly
- Quick and efficient setup of the excavator
- Creation of an ergonomic and safe working environment
- Stable, reliable construction that complies with standards

Our Solution

Platform with Access Stairs
The slewing ring work platform was equipped with a comfortable access staircase, securely attached to the support structure of the slewing ring and offering handrails on both sides.

Stable Support Structure
The solid support structure of the slewing ring is fixed with floor plates and holds the rotatable platform, which can be locked at this point. A support cross with wheels on the outside provides additional stability and flexibility.

Rotatable Platform
The walkway is rotatable by 360° and has a locking mechanism. The operation of the rotatable platform is manual and can be swiveled over the access in the resting position.

Safety in Focus
A surrounding rigid railing ensures safety, while a segment of the railing in the middle on the product-facing side is removable to facilitate access. The platform frame is additionally equipped with a

protective hose in the area of the removable railing.

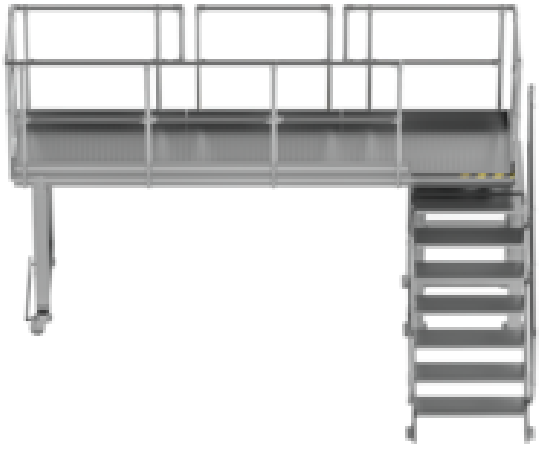
Technical Specifications
The slewing ring work platform features a non-slip surface thanks to the ribbed aluminum covering. With a platform length of 4100 mm, of which 3300 mm are rotatable, a platform height of 1600 mm, and a width of 850 mm, it offers ample space for efficient work. The access staircase is ergonomically designed with a 45° inclination and a step width of 800 mm. The maximum load capacity of the platform is 300 kg, highlighting the robustness and reliability of our construction.

Conclusion
The custom-made slewing ring work platform provides significant added value for excavator assembly. By combining flexible rotation and ergonomic design, our solution not only improves the efficiency of the assembly process but also prioritizes the safety and satisfaction of employees. The slewing ring work platform stands as a synonym for an innovative, safe, and standard-compliant working environment, specifically tailored to the needs of our customers.

More product pictures







Added value

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

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