

Order no.: REF-30226991

Slewing ring work platform



Specification

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

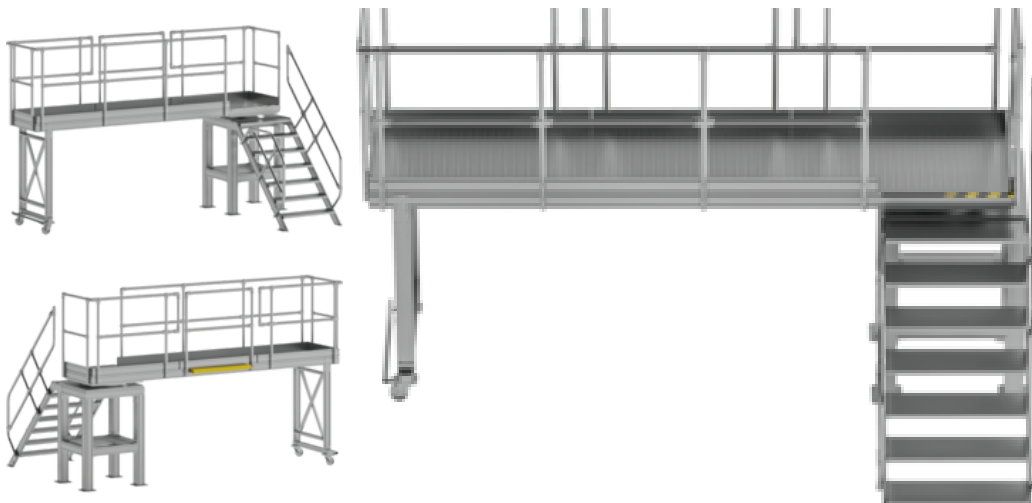
The custom-made slewing ring work platform provides significant added value for excavator assembly. By combining flexible rotation and ergonomic design, our solution not only improves the efficiency of the assembly process but also prioritizes the safety and satisfaction of employees. The slewing ring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

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



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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Corporate certifications

on sustainability criteria



Management System
ISO 9001:2015
ISO 14001:2015
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ID 9108612548



Nachhaltigkeit
EcoVadis
sustainable supply management
CSR-Rating in Silber 2022

