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Order no.: REF-30252514

Nose Dock



Specification

Business division	Sector	Type	Height
MUNK Günzburger Steigtechnik	Aviation	mobile	adjustable

Facts

- Working platform: Platform size: approx. 3,300 x 2,100 mm with cut-out; contour adjustment with Top Grip aluminium chequer plate (R11)
- Working platform: Platform height max. (PFH max.): 2,100 mm
- Working platform: Platform height min: (PFH min.): 1,500 mm
- Working platform: Adjustment range (V): 600 mm
- Working platform: Mechanical height adjustment via forklift pockets
- Working platform: Railing: all-round rigid on the outer sides, with Si door at the entrance
- Working platform: Decking: Grooved aluminium
- Work platform chassis: 4 swivel castors Ø 200 mm with parking brake (ideal stop)

Description

Client's Request and Task

Our task was to develop a custom-made Nose Dock working platform, specifically designed for efficient and precise maintenance of helicopter fronts. It was essential that the platform allows for exact contour adaptation, supports ergonomic and safe working, and complies with all applicable standards.

Customer Requirements

- Precise adaptation to the contour of the helicopter front for accurate maintenance work
- Ergonomic working conditions for personnel
- Stable, reliable, and standard-compliant construction of the working platform

- Working platform - Chassis: Wheel width: 80 mm
- Working platform - chassis: chassis beam width FB: 2,050 mm
- Platform steps: Access via separate platform steps on wheels
- Platform steps: Platform height top edge (PFH): 1,800 mm
- Platform stairs: Step width (SB): 800 mm
- Platform stairs: Platform width (PFB): 850 mm
- Platform stairs: Platform length (PFL): 1,030 mm
- Platform stairs: Inclination (W): 45°
- Platform stairs: Step depth (ST): 240 mm
- Platform stairs: Tread: Aluminium grooved; all steps yellow RAL 1021
- Platform stairs: Handrail: Rigid on both sides
- Platform stairs: Railing: rigid on one long and one short side
- Platform stairs: Castors: 4 x Ø 160 mm with ideal stop
- Platform stairs: Surface load: 1.50 kN/m²
- Platform stairs: Total load: 500 kg
- Platform stairs: Step load: 150 kg

Our Solution

Nose Dock Concept
The Nose Dock working platform consists of a main platform and an integrated platform staircase. The main platform is precisely tailored to the contours of the helicopter front, thus allowing for strut-free and accurate assembly.

Adaptability and Safety
With a variable platform height of 1,500 mm to 2,100 mm and mechanical height adjustment via forklift pockets in 100 mm increments, our solution offers high flexibility and adaptability to different work situations. A surrounding, rigid railing with a self-closing safety door ensures maximum work safety.

Technical Execution and Materials
The Nose Dock working platform is made from a combination of steel and aluminum elements, providing both stability and lightness. The contour adaptation is made of steel sheet, while the platform is designed with an aluminum chequer plate with Top Grip for a non-slip standing surface.

Flexibility and Mobility
Thanks to the casters with locking brakes, the platform can be flexibly positioned and fixed. The separate platform staircase provides a safe and comfortable access option to the work platform and can be easily moved for maximum freedom of movement.

Load Capacity and Dimensions
The platform is designed for a total load of up to 500 kg and a surface load of 1.50 kN/m². The platform dimensions are approximately 3,300 x 2,100 mm, providing ample space for maintenance work.

Conclusion
With the Nose Dock working platform, we offer a highly specialized and reliable solution for the maintenance and assembly of helicopter front windshields. The ergonomic design and standard-

compliant execution meet the specific requirements of our client and provide a safe, adaptable, and efficient working environment.

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