

Order no.: REF-30252514

Nose Dock



Specification

Business division MUNK Günzburger Steigtechnik	Sector Aviation	Type mobile	Height adjustable
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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

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

- Work platform chassis: 4 swivel castors Ø 200 mm with parking brake (ideal stop)
- 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.

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



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