



Order no.: REF-30167057

Suspended work platform (nacelle)

Specification

Business division MUNK Günzburger Steigtechnik	Sector Industrial systems	Type mobile	Height fixed
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Facts

- Platform length: 1,600 mm
- Platform width: 1,000 mm
- Platform height lower edge: 1,300 or 280 mm lower
- Suspension from HEB beam (195 x 200 mm) by means of head trolley
- Platform covering: aluminium warded plate
- Surface load: 1.5 kN/m²
- Total load: 200 kg
- Own weight: 90 kg (the heaviest part is approx. 20 kg)

Description

Client's Request and Task

Our mission was to develop a specialised work platform that meets the high standards of our client for maintenance work over electroplating baths. Our clients required a work gondola that not only enhances the safety and ergonomics for their employees during maintenance tasks but is also quick and straightforward to assemble and perfectly aligned with the existing structures.

Customer requirements

- Use of a gondola over an electroplating bath
- Possibility for maintenance and component replacement
- Simple integration into existing structures and systems

- Two fixed heights for the work platform
- Easy handling of individual parts without a forklift
- Rapid assembly within a maximum of 20 minutes
- Stable, reliable and standard-compliant construction

Our Solution

Work Platform Concept

Our concept includes a suspended work platform, precisely designed for the needs over an electroplating bath. It can be quickly and securely attached to existing HEB beams and meets all required criteria in terms of ergonomics and safety.

Adjustable Height and Safe Working

The platform can be locked at two fixed heights, covering different work requirements and enabling an ergonomic working position. The platform is equipped with a hook-on ladder and an inward-opening safety door (SI door) to secure and simplify access.

Assembly and Safety Features

The assembly of the work platform is straightforward and can be accomplished in a very short time, without the need for a forklift. Additionally, spring clips and a lever mechanism during hooking and unhooking provide extra safety. A brake with a push rod tensioner and rubber buffers ensures that the platform is firmly and safely positioned.

Flexibility and Protection

The platform consists of two parts that can be pulled apart for work over the bath. A hook-on railing, adjustable for both platform heights, offers additional protection. The gondola and all metal parts are specially coated due to the vapours from the electroplating bath, preventing corrosion.

Technical Details and Ergonomics

With a platform length of approximately 1400 mm and a width of 1000 mm, the platform provides ample space for maintenance tasks. The aluminium tread plate coverings contribute to safety and an ergonomic standing position. The maximum surface load of 1.5 kN/m² and a total load of 200 kg with a self-weight of 90 kg underline the robustness of the construction.

Conclusion

The tailor-made work platform represents an efficient and standard-compliant solution for the specific challenges of our client. With its thoughtful design and consideration of all safety and ergonomic requirements, it facilitates an optimal working environment over the electroplating bath, resulting in high employee satisfaction and increased productivity in maintenance tasks and in the event of disruptions.

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

