

Order no.: REF-30200767

Special mobile scaffolding

Specification

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

- Platform length: approx. 1,500 / 1,800 mm each (8 pieces)
- Platform width: approx. 750 mm
- Platform height: max. 4,095 mm
- Platform height adjustable by means of two hand cranks in 280 mm increments
- Side frame height: 4,600 mm
- Total height: 5,700 mm
- Decking: Screen-printed wood
- Chassis: High-quality, steerable castors with brakes
- Surface load: 150 kg/m²
- Total load: 300 kg
- Step load: 150 kg

Description

Client's Request and Task

A large brewery company faced the challenge of developing a specialized scaffolding system for maintenance and cleaning work on various brewing kettles. The requirements included a special mobile scaffolding that could be flexibly adapted to different kettle contours while enabling ergonomic and safe working. A particular focus was on the modular structure in various lengths and standard-compliant execution, to efficiently support a wide range of tasks, such as cleaning and polishing the brewing kettles. The scaffolding also needed to be highly stable and reliable and capable of being used by several employees simultaneously.

Customer Requirements

- Special mobile scaffolding for various brewing kettles
- Modular structure in various lengths
- Ergonomic and safe working
- Stable, reliable, and standard-compliant execution

Our Solution

Special Scaffolding Concept

The developed special scaffolding consists of two scaffold parts that can be flexibly combined using connecting platforms. Each scaffold part includes two side frame sections and a 5-part crossbeam construction on two levels. The platform length is variable and adapts to different brewing kettle sizes, with a total of eight clamp-on platforms (four per scaffold) each measuring 1500 / 1800 mm in length and railings that can be inserted on both sides.

Contour Adaptation and Safety Features

For optimal adaptation to the brewing kettle contours, the scaffolding includes four special platforms (two per scaffold) with collision protection and lockable sheets for additional safety. The contour adaptation is covered with an orange protective tube, and a yellow/black edge protection on the lower frame provides additional safety. For work on the brewing kettle pipes, a modified standard scaffold is used.

Technical Data and Flexibility

The platforms have a width of approximately 1050 mm and are height-adjustable, with a maximum platform height of about 4000 mm. The side frames measure 4600 mm in height, resulting in a total scaffold height of about 5100 mm. The decking is made of wood screen-print, and the scaffold is equipped with high-quality swivel casters with locks.

Load Capacities

The scaffolding is designed for a surface load of 150 kg/m² and a total load of 300 kg, with a step load of 150 kg.

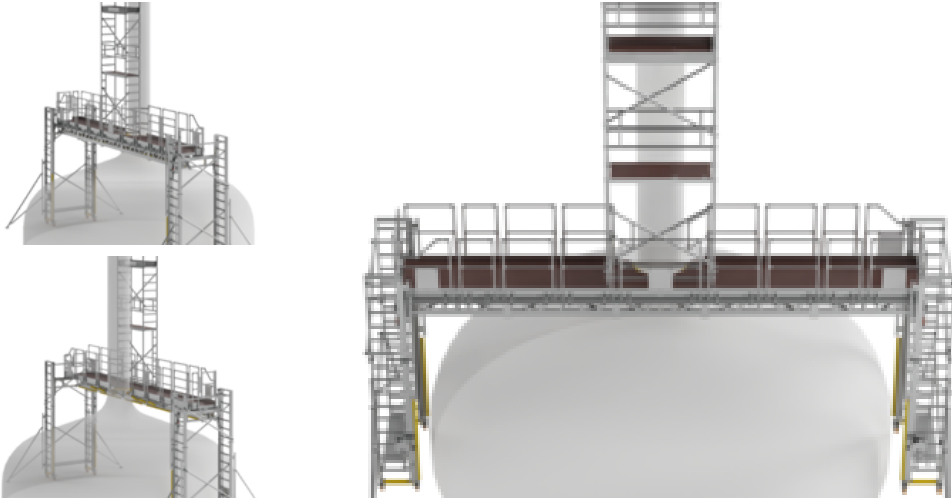
Conclusion

The special mobile scaffolding provides a tailor-made and flexible solution for the diverse requirements in the brewery. With its ergonomic construction, high adaptability, and safety features, it not only meets the specific needs of the brewery but also significantly contributes to efficiency and occupational safety in the maintenance and care of brewing kettles.

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

