MUNK
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Order no.: REF-30200767

Special mobile scaffolding

Specification

Business division	Sector	Type	Height
MUNK Günzburger Steigtechnik	Industrieanlagen	fahrbar	verstellbar

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

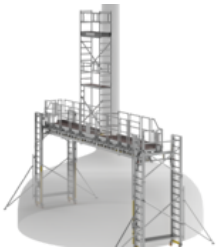
The platforms have a width of approximately 1050 mm and are height-adjustable, with a maximum platform height of about 4000 mm. The side frames measure 4600 mm in height, resulting in a total scaffold height of about 5100 mm. The decking is made of wood screen-print, and the scaffold is equipped with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

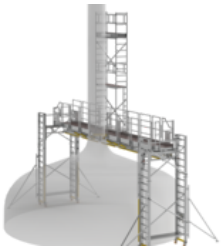
Load Capacities

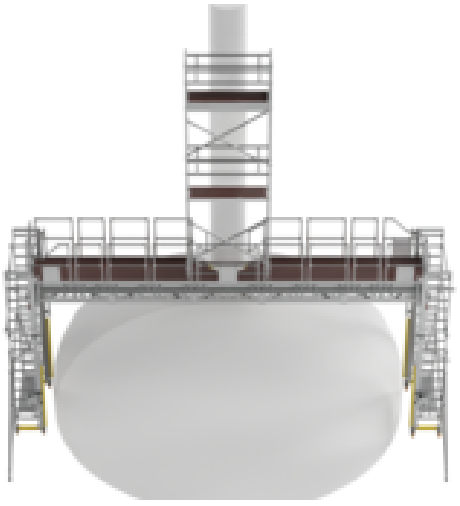
The scaffolding is designed for a surface load of 150 kg/m² and a total load of 300 kg, with a step load of 150 kg.

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.

More product pictures









Added value

We reserve the right to make technical changes and price changes.

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