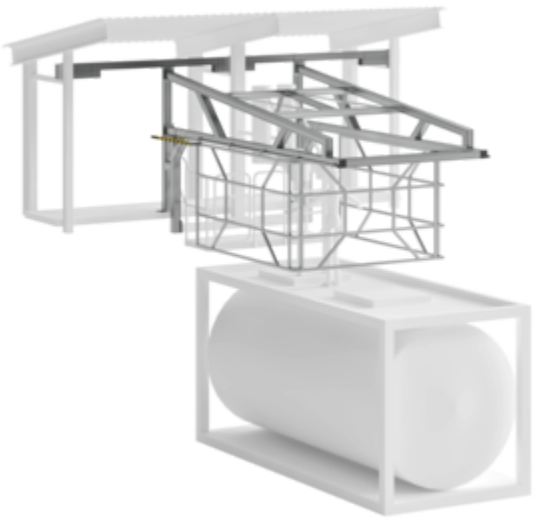
MUNK
Sicherheit. Made in Germany.



Order no.: REF-7377253

Loading station

Specification

Business division	Sector	Type	Height
MUNK Günzburger Steigtechnik	Gebäude und Außenanlagen	stationär	fix

Facts

- Length of upper frame (PFL): approx. 5,430 mm
- Width of top frame (PFB): 2,530 mm
- Railing frame length: 4,205 mm
- Railing frame width: 2,530 mm
- Railing frame height: 1,608 mm
- Railing frame height (lower edge - front): approx. 4,100 mm
- Railing frame height (lower edge - rear): approx. 3,600 mm
- Railing frame height (lower edge - container): 350 mm
- Overall length (L): 5,840 mm
- Total width (B): 6,260 mm
- Total height (H): 2,816 mm

Description

Client's Request and Task

A leading company in the chemical industry tasked us with designing a loading station specifically for the safe filling of ISO containers with sulfuric acid. It was crucial to create a workspace that protects employees from the elements, offers ergonomic working conditions, and operates entirely without electricity. The requirements included a stable, reliable, and standard-compliant execution that takes into account the unique challenges of handling sulfuric acid.

The goal was to develop a solution that provides an enclosed and secured work area for the operator, while accommodating the process-related variable height positions of the ISO container nozzles. Our task was to ensure the safety of employees in all weather conditions while simultaneously supporting an efficient workflow

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

that guarantees high productivity, even considering the strictest safety and ergonomic standards.

Customer Requirements

- Loading station for the safe filling of ISO containers with sulfuric acid
- Stable, reliable, and standard-compliant construction without electricity
- Enclosed and secured work area for the employee

Our Solution

Loading Station Concept
We present a loading station that, as an integral part of operational logistics, provides fall protection during the filling processes of containers. The station is connected via an upper frame, securely mounted to an existing client-side steel frame. A railing basket rigidly attached to the upper frame ensures maximum safety as an all-around fall protection.

Specifications and Flexibility
The loading station offers sliding railings on both longitudinal sides to facilitate the introduction of the filling hose and adapts to the variable heights of the container nozzles. Personnel can access the roof of the container through a safety door, thus working protected in a defined area.

Safety Aspects
The construction without electricity adds an additional level of safety, as no spark formation is possible – a crucial aspect when handling sulfuric acid. The stable design ensures reliable stability in various weather conditions.

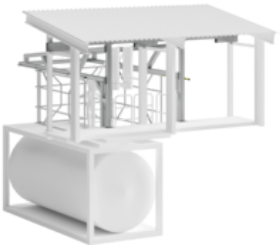
Technical Data and Load Capacity
The station was designed to meet the specific load requirements for loading sulfuric acid. The dimensions of the railing frame and the upper frame ensure a generous working area, and the overall construction provides sufficient height for container filling.

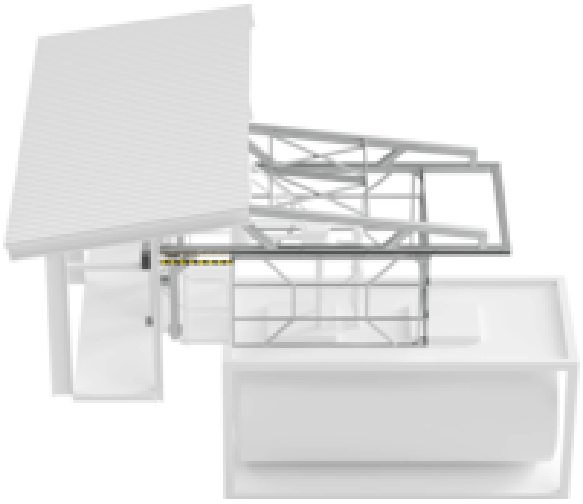
Modularity and Adaptation
Our loading station can be easily integrated into existing operational structures and, due to its modular design, can be adapted to different container sizes and types. This ensures a flexible and future-proof investment for our client.

Conclusion
The custom-designed loading station meets all specific requirements of our client for the safe and efficient filling of ISO containers with sulfuric acid. By forgoing electricity, coupled with the robust construction and ergonomic design, the station not only offers the highest level of safety but also optimal support for work processes – a valuable addition to operational safety management.

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