

Order no.: REF-30578985

Height-adjustable work platform with safety cage



Specification

Business division MUNK Günzburger Steigtechnik	Sector Commercial vehicles	Type mobile	Height adjustable
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Description

Client's Request and Task

The goal was a mobile access solution for the maintenance of buses with varying body heights. The platform needed to adapt steplessly to different vehicle heights, protect vehicles from damage, and bring workers safely and comfortably to working height.

Customer Requirements

- Mobile use in bus maintenance
- Height-adjustable access solution for indoor use
- Adaptation to different vehicle heights
- Protection of vehicles from damage
- Comfortable, safe access and egress
- Compliant with DIN EN ISO 14122:2016 and DGUV regulations

Our Solution

Design Concept

The height-adjustable work platform with safety

cage is a flexible, mobile access solution for bus maintenance. It adapts steplessly to vehicle heights between 1,900 and 3,150 mm and redeploys quickly between workstations.

Height Adjustment

The platform height adjusts steplessly between 1,900 and 3,150 mm – covering different bus types without conversion. The paired braking system secures the platform reliably in the selected working position.

Access Solution

The integrated internal vario stairway provides comfortable, safe access – space-saving, with no additional footprint on the outside.

Safety Cage and Fall Protection

The fold-out safety cage with lowerable toe board reliably protects workers from falls. The gap to the vehicle reduces to a minimum.

Vehicle Protection

Rubber buffers along the longitudinal side prevent damage to vehicle surfaces – work directly on the bus without risking the paintwork.

Mobility and Positioning

Double castors (Ø 150 × 80 mm) with directional locks allow easy manoeuvring. The paired braking system secures the platform reliably in the working position.

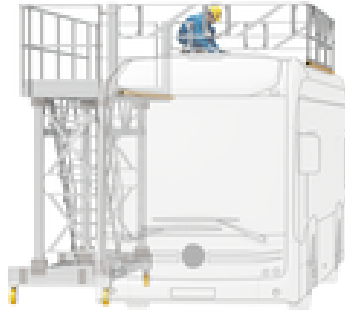
Standards Compliance and Safety

The platform fully meets DIN EN ISO 14122:2016 and the applicable DGUV regulations. Load capacity: 2.50 kN/m², 400 kg total.

Conclusion

The height-adjustable work platform with safety cage adapts flexibly to different bus types. Stepless height adjustment, reliable vehicle protection, and standards-compliant design make it a practical solution for bus maintenance.

More product pictures



Added value

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

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★ 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.



Corporate certifications

Standards for quality and sustainability

