

Order no.: REF-30120928

## Self-propelled electric work platform



### Specification

Business division <b>MUNK Günzburger Steigtechnik</b>	Sector <b>Commercial vehicles</b>	Type <b>mobile</b>	Height <b>adjustable</b>
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### Facts

- Platform length: 8000mm
- Platform width: 800mm + extension: 350mm
- Platform height: 1420mm–1850mm (adjustable range: 430mm, continuously adjustable)
- Platform surface: grooved aluminum / extension: ribbed aluminum sheet
- Cross extension: on the longitudinal side using linear motors
- Height adjustment: stepless by means of hand cranks and threaded spindles
- Drive: speed 0.2m/min - 16m/min continuously adjustable
- 4 castors 230xØ50mm with polyurethane tread, mobile in guide rail (firmly anchored to the floor)

### Description

#### Client's Request and Task

Our task was to develop a work platform that facilitates the assembly of roofs and the conversion of vehicles into campers and caravans. The platform needed to be individually adaptable to various vehicle types, offer protection against damage, and enable ergonomic working for employees.

#### Customer Requirements

- Assembly and conversion of vehicles on the platform
- Individual adaptability to the height and width of different vehicles
- Protection of vehicles from damage
- Synchronization of the platform with vehicle movements

- Surface load: 150 kg/m<sup>2</sup>
- Total load: 500 kg
- Step load: 150 kg
- Integration of media connections on the platform
- Individually adjustable speeds for the forward and backward movement of the work platform
- Maximum occupational safety and user-friendliness

## **Our Solution**

### **Work Platform Concept**

Our solution consists of two self-propelled electric work platforms, also known as stages. Each stage is individually adjustable in width, height, and speed, allowing for effortless servicing of different vehicle types.

### **Adjustable Speed, Width, and Height**

The working speed of the platforms is individually adjustable to ensure an optimal production flow. The working height can be manually adjusted via an ergonomically placed hand crank and threaded spindles. This feature enables various assembly heights and ergonomic working for employees. Using electric extensions, the platform width can be maximized, reducing the risk of falling.

### **Media Supply and Equipment**

The work platforms are equipped with media connections such as electrical outlets and compressed air to facilitate the work process. Shelving and perforated sheet cladding provide space for work materials. Swiveling cross bridges ensure a transition between the two work platforms.

### **Safety and Flexibility**

Optical and acoustic signals visualize the movements of the platforms. Access is via adjustable stairs on both sides, each with safety doors. Contact strips on the platform sides, distance sensors, and emergency stop controls on the platforms ensure additional safety. Product protection is guaranteed by impact protection.

### **Control and Limitation**

Both stages are controlled independently and can be used in automatic or manual mode. The area of longitudinal movement can be individually selected. For this work platform, the operating range is approximately 20 meters.

### **Electrical Supply**

The electrical supply is via a busbar system. The control cabinet is securely attached to the base frame and offers the operator good accessibility.

### **Conclusion**

The innovative work platform offers measurable added value to the customer. Thanks to its adaptable properties, the assembly of roofs and the conversion of vehicles can be made more efficient. The ability to individually adapt to various vehicle types enables a smooth workflow and simultaneously protects the vehicles from damage. The flexibility in speed and height ensures ergonomic working, which increases productivity and employee satisfaction. With media connections and versatile equipment, the work process is further optimized. The work platform is thus a practical and standard-compliant solution that exceeds the specific requirements of the customer and represents clear added value in terms of efficiency and safety.

### **Information on sustainability criteria**

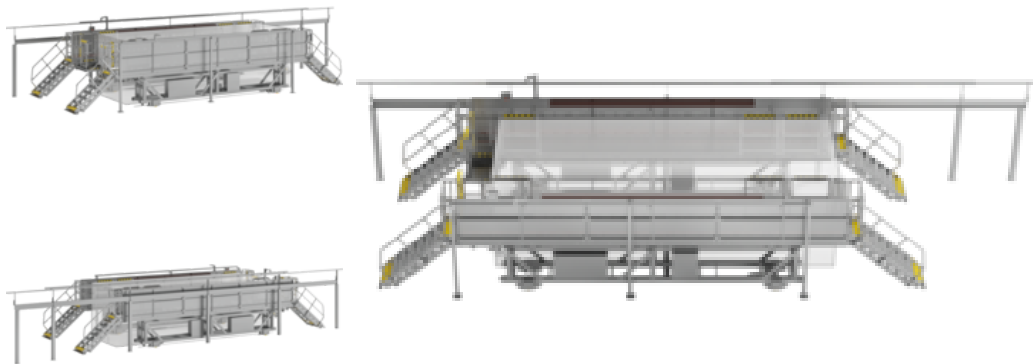
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- Corporate certification: ISO 9001
- Corporate certification: EN 1090
- Corporate certification: EcoVadis
- RoHS
- REACH
- The MUNK Group complies with a Code of Conduct
- The Supply Chain Act does not apply due to our size
- The materials used are 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

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## Added value

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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

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on sustainability criteria

