



## General instruction for spare parts

Our instructions are part of the scope of delivery of spare parts for your RUTHMANN-Steiger/hydraulic work platforms. It contains information about the prerequisites and use of the components, and references on safe handling.

Some of the components can also pose a risk for persons even if used the proper manner. These instructions highlight the hazards and their causes, and give references for safe working.

### **Important:**

#### **Notes for fitters/inspectors (must be read and observed):**

You are responsible for work carried out on the hydraulic work platform and all associated functions. For your own safety and that of others, you must therefore follow the instructions:

- The basis for all tests and repairs are the operation & maintenance instructions for your RUTHMANN-Steiger/hydraulic work platform as well as the current valid spare parts lists including drawings.
- The operating & maintenance instructions and the spare parts lists including drawings are to be kept on hand while the work is being carried out. The instructions must be read carefully before work starts.
- Notes in the instructions that are highlighted with a hand (warning) and notes with a warning triangle draw (attention) to particular dangers. These notes are to be followed with care.
- Maintenance and repair works are only carried out by an authorised and qualified person. The required personal safety equipment must be provided and used at all times.
- At the relevant regulations and rules, such as the German (UVV) accident prevention regulations, the (BetrSichV) health and safety regulations, and other official rules must be adhered to for all work carried out.
- The terms of reference laid down in BG Directive 945 "Inspection of hydraulic work platform" and BGI 720 "Safe handling of mobile hydraulic work platform" are to be observed for all tests and checks carried out.
- Attention must be paid to the correct handling of hazardous materials. The safety data sheets for the work are available, and the measures to be taken are known.
- The individual work steps must be carefully planned. The required equipment must be kept ready.
- The fitter/inspector must be familiar with the operation of the RUTHMANN-Steiger/hydraulic work platform in all permitted operational modes before any work is carried out.
- All safety and hazard notes on the RUTHMANN-Steiger/hydraulic work platform must be observed.
- The proper functioning of the RUTHMANN-Steiger/hydraulic work platform and its integrated safety equipment must be checked before and after every repair. Operation of the RUTHMANN-Steiger/hydraulic work platform is not permitted if a breakdown or malfunction of a piece of safety equipment is known, noted or suspect!
- The fitter/inspector must determine the cause of a fault or damage on the RUTHMANN-Steiger/hydraulic work platform. If the cause is not clear, further checks should be made where necessary or the technical service department at Ruthmann should be consulted. Use of the RUTHMANN-Steiger/hydraulic work platform is not permitted if the cause of a fault or damage is not known.
- Use of the RUTHMANN-Steiger/hydraulic work platform is not permitted if any welding seams damaged.
- According to DIN 18800, Part 7, welding work on load-bearing and other safety –relevant parts of the hydraulic work platform may only be carried out by a certified welding firm that meets the extensive quality requirements laid down in ISO 3834-2.
- Work on the hydraulic unit of the hydraulic work platform must be carried out conform to the terms of reference defined in DIN 24346 "Hydraulic Systems" and ISO 4413 "Fluid Technology – Hydraulics Guidelines" and further applicable rules.
- The chassis must be inspected in line with the instructions issued by the manufacturer of the vehicle on which the work platform is mounted.
- Instructions for the operation and maintenance of the vehicle on which the work platform is mounted are to be found in the technical documentation provided by the vehicle manufacturer.
- The vehicle battery may only be charged using a battery charger if the battery cable has been disconnected.
- Only original spare parts must be used.
- For spare parts order observe the spare parts lists including drawings. The type and serial number of RUTHMANN-Steiger/hydraulic work platform as well as part number must be stated.

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