



**W50**  
**W60**  
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**W80**

**Workshop  
Manual**



PROVEN PERFORMANCE

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**SECTION 0**

**SAFETY INSTRUCTIONS**



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## FUNDAMENTAL SAFETY INSTRUCTIONS

### WARNINGS AND SYMBOLS

The following signs are used in the Workshop Manual to designate exceptionally important information:

	<b>Precautionary rules and measures designed to protect the operator and other persons from life-threatening hazards or injury and to prevent extensive damage to property.</b>
	<b>Information and precautionary measures designed to prevent damage to the machine and other property.</b>

### RISKS RESULTING FROM FAILURE TO OBSERVE THE SAFETY INSTRUCTIONS

	<p><b>This wheeled loader has been built in accordance with state-of-the-art standards and recognized safety regulations.</b></p> <p><b>Nevertheless, its use may constitute a risk if it is still operated despite a suspected or obvious defect or if it is inexpertly repaired.</b></p> <p><b>There is then a potential</b></p> <ul style="list-style-type: none"><li>- risk to life and limb</li><li>- risk of the machine and other assets being damaged.</li></ul> <p><b>The wheeled loader must be stopped immediately if suspected or obvious damage represents a risk to the safety of the operator, of other persons at the deployment site, or of other assets.</b></p> <p><b>All components are carefully coordinated. Original parts must be used to ensure smooth running and a long service life.</b></p>
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### ORGANIZATIONAL MEASURES

The Operation and Maintenance Instruction Manual must always be at hand at the deployment site of the machine, e.g. in the container provided.

In addition to the Operation and Maintenance Instruction Manual, observe and instruct the user in all other generally applicable statutory and other mandatory regulations relevant to accident prevention and environmental protection.

These compulsory regulations may also deal, for example, with the handling of hazardous substances, the issuing/wearing of personal protective equipment, or traffic regulations.

The Operation and Maintenance Instruction Manual must be supplemented by instructions covering the duties involved in supervising and notifying special organizational features, such as job organization, working sequences or deployed personnel.

The personnel assigned to work on the machine must have read the operating instructions and in particular the Safety Instructions section before starting work. Reading the instructions after work has begun is too late. This applies especially to persons working only occasionally on the machine, e.g. during setting-up or servicing.

Check at least occasionally whether the work is being carried out in compliance with the Operation and Maintenance Instruction Manual and with attention being paid to risks and safety factors.

Long hair must be tied back or otherwise secured, garments must be close-fitting, and no jewellery including rings may be worn. Injury may result from such items being caught up in the machinery or catching on moving parts.

Use personal protective equipment wherever required by the circumstances or by law.

Observe all safety instructions and warnings attached to the machine.

See to it that safety instructions and warnings attached to the machine are always complete and perfectly legible.

In the event of safety-relevant modifications or changes in the behaviour of the machine during operation, stop the machine immediately and report the malfunction to the competent authority/person.

Never make any modifications, additions or conversions which might affect safety without the supplier's approval. This also applies to the installation and adjustment of safety devices and valves as well as to welding work on load-bearing elements.

Spare parts must comply with the technical requirements specified by the manufacturer. Spare parts from original equipment manufacturers can be relied upon to do so.

Replace hydraulic hoses within stipulated and appropriate intervals, even if no safety-relevant defects have been detected.

Adhere to prescribed intervals or those specified in the Operation and Maintenance Instruction Manual for routine checks and inspections.

For the execution of maintenance work, tools and workshop equipment equal to the task on hand are absolutely indispensable.

The personnel must be familiar with the location and operation of fire extinguishers.

Observe all fire-warning and fire-fighting procedures.

## SELECTION AND QUALIFICATION OF PERSONNEL

Any work on / with the machine must be executed by reliable personnel only. Statutory minimum age limits must be observed.

Deploy only trained or instructed staff and set out clearly the individual responsibilities of the personnel for operation, set-up, maintenance and repair.

Make sure that only authorized personnel works on / with the machine.

Define the machine operator's responsibilities – also with regard to observing traffic regulations giving the operator the authority to refuse instructions by third parties that are contrary to safety.

Do not allow persons to be trained or instructed or persons taking part in a general training course to work on or with the machine without being permanently supervised by an experienced person.

Work on the electrical system and equipment of the machine must be carried out only by a skilled electrician or by instructed persons under the supervision and guidance of a skilled electrician and in accordance with electrical engineering rules and regulations.

Work on chassis, brake and steering systems must be performed only by skilled personnel specially trained for such work.

Work on the hydraulic system must be carried out only by personnel with special knowledge and experience of hydraulic equipment.

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