

LEXION 670 / 660 / 650 / 630 / 620

LEXION 670 TERRA TRAC

LEXION 660 TERRA TRAC

LEXION 670 MONTANA

LEXION 630 MONTANA

Operator's Manual

Original Operator's Manual

Validity of manual

Machine	Type	Vehicle identification number	
		From	To
LEXION 670	C74	C7400011	–
LEXION 670	C70	C7000011	–
LEXION 670 TERRA TRAC	C74	C7400011	–
LEXION 670 MONTANA	C74	C7400011	–
LEXION 660 TERRA TRAC	C74	C7400011	–
LEXION 660	C74	C7400011	–
LEXION 650	C74	C7400011	–
LEXION 630	C73	C7300011	–
LEXION 630 MONTANA	C73	C7300011	–
LEXION 630 Rice	C73	C7300011	–
LEXION 620	C73	C7300011	–

Information about this Operator's Manual

Read this Operator's Manual thoroughly in order to make yourself familiar with safe and correct operation, maintenance and transportation of the machine. This avoids injuries and machine damage. If you cannot understand parts of the Operator's Manual, contact a CLAAS Sales Partner.

This Operator's Manual is part of the machine and must be handed over to the buyer of the machine in case of resale. In case of loss or damage, the Operator's Manual and the safety decals applied to the machine can be reordered from a CLAAS Sales Partner. This Operator's Manual is also available in other languages.

Directions such as front, rear, right and left refer to the direction of forward travel.

Symbols and notes

Symbol	Meaning
	Reference to page or documentation containing further information
*	Optional equipment
	Procedure instruction
	Lubricate grease points with multi-purpose grease.
	Lubricate grease points with lubricating oil.

NOTICE!
The note describes how to facilitate operation or avoid material damage.

Optional equipment

The Operator's Manual describes all machine types, series equipment and optional equipment available at the time of final editing of this Operator's Manual.

In this Operator's Manual, optional equipment is marked with a <*>.

- If you have any questions regarding the equipment, please contact a CLAAS sales partner.

Qualified specialist workshop

A qualified specialist workshop has the specialist knowledge, tools and qualifications that are required to properly carry out the required work, e.g.

- ▶ Maintenance work
- ▶ Repair work
- ▶ Installation and conversion

The qualified specialist workshop documents the work carried out in accordance with the CLAAS regulations. The present documentation may constitute a prerequisite for warranty claims.

CLAAS recommends a CLAAS Sales Partner.

Maintenance notes

Respecting the specified maintenance intervals ensures optimum performance, reliability and safety of the machine.

CLAAS recommends having maintenance work carried out by a qualified specialist workshop.

Notes on warranty

Warranty claims result from the conditions of sale agreed with the CLAAS Sales Partner.

Before delivery, the specialist workshop has carried out a pre-delivery inspection in accordance with the service booklet. The specialist workshop must confirm this inspection and delivery to the customer in the delivery advice. The instructions in this Operator's Manual, the service booklet and the post-harvest check or annual check must be observed. Failure to observe these instructions may result in loss of warranty claims.

Maintenance work that is not described in this Operator's Manual may be carried out only by a qualified specialist workshop.

Spare parts and technical questions

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- ▶ Enter the vehicle identification number into the adjacent field.
The vehicle identification number can be found on the identification plate.
- ▶ Please specify the vehicle identification number when ordering spare parts and in case of technical questions.

Intended use

The CLAAS combine harvester is designed exclusively for professional use in line with the recognised regulations of agricultural practices in agricultural harvesting of grain.

The combine harvester is a self-propelled harvesting machine with a fitted front attachment (machine), which is approved by the manufacturer, and is suitable and intended for harvesting grain in fields during travel. Grain here refers to cultivated cereal and legume crops such as wheat, rye, barley, oats, rice, rape seed, maize, durra, soya beans and sunflowers.

The combine harvester takes the grain from the front attachment and conveys it via a conveying unit to the threshing and separating units. There, the grains are separated from straw and chaff. The straw and chaff are deposited on the field using the distribution units behind the combine harvester. The grain is stored temporarily in the combine harvester's grain tank and then loaded on a transport vehicle by a conveying unit.

When the combine harvester is driven on public roads, a front attachment approved by the manufacturer can be fitted on the front, depending on the applicable regulations, and driven with the combine harvester, or a trailer approved by the manufacturer that is loaded with the front attachment can be coupled to the trailer hitch and towed.

The machine may only be used, maintained and serviced by persons who are familiar with the machine and briefed on the hazards that may arise as a result of the machine's functions.

Compliance with the conditions of operation, maintenance and servicing as specified in the operator's manual and by the manufacturer also constitute essential elements for the intended use.

The relevant accident prevention regulations, all other generally recognised regulations on safety and occupational medicine and the road traffic regulations must be observed by users and owners at all times.

Any use other than this is considered <unintended>, and the manufacturer is not liable for any resulting damage. All liability in this case is borne by the user.

For specific details, you may request information on intended use in exceptional situations from CLAAS.

Reasonably foreseeable misuse

Any use outside of the intended use is a use not planned by the machine manufacturer and therefore represents a misuse in the sense of the Machinery Directive. The manufacturer accepts no liability for damage resulting from this. All liability is borne by the user.

Misuse of the CLAAS combine harvester includes:

- Use of areas and spaces not described as workplace, maintenance place or access area in the Operator's Manual
- Performance of adjustment work, cleaning work and maintenance work against the specifications in the Operator's Manual
- Performance of fault elimination and servicing work with drives and/or the diesel engine running
- Non-observance of warning signs on the machine and in the Operator's Manual
- Performance of servicing and repair work by untrained personnel
- Unauthorised modifications to the machine
- Attachment of non-approved additional equipment
- Use of spare parts that do not meet CLAAS requirements
- Use in a stationary position
- Use to harvest goods that are not classified as grain
- Use as a carrier vehicle for units not approved by the manufacturer
- Use as a general towing vehicle / carrier vehicle
- Use for compacting goods and subsurfaces
- People transport
- Goods transport

Hazard signs



This hazard sign warns of risks of injury.

- To avoid injuries and death, follow all measures marked by this hazard sign.

Signal word

The warnings in this Operator's Manual are introduced by the hazard sign and a signal word. The signal word expresses the extent of the hazard.



DANGER identifies a dangerous situation that leads to death or serious injury if not avoided.



WARNING identifies a dangerous situation that may lead to death or serious injury if not avoided.



CAUTION identifies a dangerous situation that may lead to slight injuries if not avoided.

Importance of Operator's Manual

The Operator's Manual is an important document and a part of the machine. It addresses the user and contains safety-relevant information. Only the procedures specified in the Operator's Manual are safe.

- ▶ Read and observe the safety chapter of the machine before using it for the first time.
- ▶ Read and observe the relevant chapters of the Operator's Manual before starting work.
- ▶ When failing to understand content or when help is needed, contact a CLAAS Sales Partner.

Observing safety decals and warnings

Safety decals on the machine and warnings in the Operator's Manual warn you of hazards in danger areas and are important parts of the machine's safety equipment. Missing or unidentifiable safety decals increase the risk of serious and fatal injuries.

- ▶ Read and observe the safety instructions and warnings in the Operator's Manual and the safety decals on the machine before putting the machine into operation.
- ▶ Clean any dirty safety decals.
- ▶ Replace any missing and unidentifiable safety decals with new ones immediately.
Safety decals on diesel engine
- ▶ Apply the appropriate safety decals to spare parts.
Safety decals on diesel engine
- ▶ Spare parts and components from suppliers may contain safety instructions that are not mentioned in this Operator's Manual.

Requirements for all persons working with the machine

All persons working with the machine must meet the minimum requirements below in order to avoid accidents:

- They are physically capable of controlling the machine.
- They are healthy and do not suffer from tiredness.
- They are not under the influence of drugs.
- They can carry out the work described in this Operator's Manual safely.
- They understand the functions of the machine and can identify and avoid hazards involved in the work.
- They have understood the Operator's Manual and can put the information provided in the Operator's Manual into action.
- They are familiar with the safe driving of vehicles.
- For road travel, they are familiar with the relevant road traffic rules and have the necessary driver's licence.

Children in danger

Children cannot judge hazards and behave unpredictably. This is why children are particularly endangered.

- ▶ Never allow children to accompany you on the machine.
- ▶ Keep children away.
- ▶ Before starting off and before starting any machine movements, ensure that there are no children in the hazard area.

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complete manual.



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