

ARION 450M-440M-420M

Operator's Manual

Original operator's manual

Using the operator's manual

This is the original operator's manual. It will simply be referred to as the "operator's manual" throughout this document.

According to the requirements of modified European directive 2003/37, this operator's manual complies with the standard ISO 3600.

This operator's manual complies with the regulations currently in force in the tractor's first country of delivery.

This operator's manual contains the instructions for using, adjusting, servicing, cleaning and transporting the tractor. It is essential to be familiar with all of these instructions in order to:

- improve the output of the tractor.
- increase the tractor's availability.
- prolong the tractor's service life.
- ensure the correct working conditions in terms of both safety and comfort.

Failure to carry out maintenance operations or incorrect use of the tractor can cause the following:

- An increased safety risk.
- Premature wear on the tractor.
- A reduction in tractor performance.
- Loss of output and time.

Have the tractor service performed regularly by an approved CLAAS distributor.

This operator's manual cannot be considered contractually binding. CLAAS has a policy of continuously making technical improvements to all its products, and therefore reserves the right to change without notice and at any time the details contained in this operator's manual.

The description of the models contained in this operator's manual was established from technical specifications known at the time the operator's manual was written. The operator's manual contains all of the equipment (standard or optional) that exists for these models. The presence of this equipment within the tractor depends on the tractor version and options chosen by the purchaser and the country of sale for this tractor.

Servicing operations during the warranty period are mandatory; failure to carry them out will invalidate the contractual warranty.

Failure to observe the instructions for use and maintenance of the tractor as described in this operator's manual definitively excludes any possibility of recourse to the CLAAS warranty system.

The instruction and warning plates affixed to the tractor give important information about possible risks relating to use. Following these instructions will guarantee your safety during use!

Front/rear implements have a separate operator's manual.

The CLAAS distribution network is available to respond to any questions that you may have relating to the content of this operator's manual.

Important information concerning this operator's manual

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Important information concerning this operator's manual appears on the back of the manual:

| | Description |
|---|--|
| 1 | Address of CLAAS company headquarters |
| 2 | Phone number to call if necessary |
| 3 | Address of CLAAS company website |
| 4 | Reference for this operator's manual |
| 5 | Designation for this operator's manual |
| 6 | Language code for this operator's manual |
| 7 | Publication date for this operator's manual |
| 8 | Country where this operator's manual was printed |

The reference, designation and publication date of this operator's manual also appear at the bottom of each page of the operator's manual. The reference of the operator's manual should be quoted in any query concerning the operator's manual and when ordering additional copies.

Structure based on tractor subassemblies

Where permitted by the contents, the sections in this operator's manual are categorised on the basis of the tractor subassemblies. These subassemblies are structured identically in each section of this operator's manual.

The operator's manuals for CLAAS products are structured differently depending on the group of products to which they refer. CLAAS always endeavours to retain this subassembly-based document structure for each of its products.

Search and find

This information structure based on the tractor subassemblies means it is easier and quicker to find the information you are looking for. The table of contents and the headers also make it easier to find information.

Furthermore, the index of this operator's manual is another useful tool for finding subjects. The index is found in the final pages of this operator's manual.

Direction indications

The terms used to locate the components on the tractor (e.g.: front, rear, right-hand and left-hand) are always in the context of the direction of travel of the tractor.

In the illustrations, the direction of travel may be indicated by a direction arrow.

Specific terminology

In this operator's manual, "implement" refers to any equipment hitched to the tractor, whether carried or towed.

Likewise, the term "risk zone" refers to all locations with an increased risk of accident:

- around the tractor and the implements hitched to the tractor.
- between the tractor and the carried/towed implements.
- In the deployment or movement area of the implements.

Optional and additional equipment

Optional equipment consists of tractor equipment variants. Different variants are available but only one can be fitted at a time.

Additional equipment consists of tractor equipment variants which can be fitted as accessories but which are not part of the tractor's standard equipment.

The two terms refer to the possible variants. Standard equipment and equipment variants may vary depending on the country.

Symbols and instructions

Text and illustrations



Photos and graphics have been kept neutral wherever possible. If this is not the case, additional information is added underneath the illustration.

Texts and illustrations have been kept neutral wherever possible. If this is not the case, the preceding subtitle takes into account the differences.

Specific formatting is used to distinguish the type of information. The different formatting used in this operator's manual is as follows:

| Formatting | Meaning | Description |
|----------------------|----------------------|---|
| Description | Descriptive text | Additional information on the subject |
| - Action instruction | Action | Action which must be performed successively |
| <i>Result</i> | Result of the action | Result of actions carried out |

Links to other sections in the operator's manual, or to other operator's manuals, are indicated by the following symbols:

| Symbol | Meaning | Description |
|--|---|---|
|  | Consult the page indicated or the index of this operator's manual | This symbol indicates that additional information on this subject is available in another part of this manual. |
|  | Consult the index of the corresponding operator's manual | This symbol indicates that additional information on this subject is available in the corresponding machine or implement operator's manual. |

A page number and the title of the section concerned in the operator's manual may also be added to help the reader to find the necessary information. Example:

[Symbols and instructions](#)

Highlighting dangers and warnings

In the operator's manual, all points concerning personal safety and the safe use of the tractor are indicated by the following symbols. The safety advice must be passed on to all users.

DANGER!

Nature and cause of danger.

Consequences: death or serious injuries.

► Measures to follow to prevent danger.

WARNING!

Nature and cause of danger.

Consequences: death or serious injuries may result.

► Measures to follow to prevent danger.

 **CAUTION!**

Nature and cause of danger.

Consequences: minor injuries may result.

- ▶ Measures to follow to prevent danger.
-

NOTICE!

Nature and cause of danger.

Consequences: equipment may be damaged.

- ▶ Measures to follow to prevent danger.
-

Information!

Nature and origin of notes.

Consequences: more efficient use or simpler assembly.

- ▶ Measures to follow.
-

Environment!

Nature and cause of danger.

Consequences: damage caused to the environment.

- ▶ Measures to follow to prevent danger.
-

Validity of the operator's manual

This operator's manual is valid for the following tractors:

| Description | Type | Tractor serial number | |
|-----------------|------|-----------------------|----|
| | | from | to |
| ARION 450M-420M | A32 | A4300050 | |

The operator's manual describes the possible equipment for your tractor. The tractor's equipment is shown on the order confirmation.

Technical information

The technical specifications, dimensions and weights are provided on a non-binding basis. CLAAS reserves the right to modify them as part of technical development, subject to errors.

Appropriate use

CLAAS's ARION 400 range of tractors/farm tractors has been designed exclusively for professional use in line with the recognised rules governing farming practices and agricultural work.

The ARION 400 tractor has been designed and adapted to tow, push, move and carry the implements/equipment/loads authorised by the manufacturer, and to control certain implements or compact using implements (weights) authorised by the manufacturer as part of agricultural work.

The farm tractor must only be used, maintained and repaired by persons with a thorough knowledge of the tractor, who are aware of the possible risks. The tractor must only ever be used by qualified personnel who have been trained how to drive it. Always keep children away from the tractor and agricultural machinery.

Appropriate use also requires strict observance of the instructions contained in the operator's manual, as well as the operating, maintenance and repair regulations laid down by the manufacturer. When an implement or trailer is hitched to the tractor, always comply with the instructions in this operator's manual as well as the instructions in the operator's manual for the hitched implement or trailer. Do not use the tractor/machine or tractor/trailer assembly unless all these instructions have been followed.

Specific accident prevention instructions, as well as general rules concerning technical safety, health and safety regulations and the highway code, must be observed by the user and owner.

Any use other than that defined above will be considered inappropriate and will release the manufacturer from any liability in the event of damage or injury; the user alone will bear the risks resulting from such misuse.

You can obtain detailed, personalised information from CLAAS to ensure correct use in specific cases.



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Inappropriate use

Any use not foreseen by the manufacturer shall be considered to be inappropriate, and therefore as misuse. The manufacturer accepts no responsibility in case of damage; such use is entirely at the user's own risk.

Examples of inappropriate use of CLAAS tractors and farm tractors from the ARION 400 range:

- Use of surfaces or spaces not defined as working or maintenance areas in the operator's manual.
- Failure to follow the information in the operator's manual when performing adjustment, cleaning or maintenance operations.
- Carrying out breakdown or maintenance work while the system is in operation and/or the engine is running.
- Non-compliance with the warnings on the tractor or in the operator's manual.
- Untrained persons carrying out maintenance or repair work.
- Unauthorised modifications to the tractor.
 - o Equipment modification
 - o Software modification or addition.
- Installation of unauthorised equipment.
- Use of replacement parts other than original CLAAS parts.
- Use of devices or equipment not authorised by the manufacturer.
- Use of implements or devices or equipment which are not compatible with each other.
- Use in sporting events.
- Exceeding the total technically authorised weight.
- Transporting persons outside of the seats intended for this purpose.
 - o Depending on the tractor equipment, a passenger seat may be used to transport one person.

European regulations

ARION 400 tractors put in circulation meet modified European Directive 2003/37.

For countries which do not form part of the European Union, respect the relevant applicable national prescriptions.

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