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**TALOS 130-120**

**User manual**

**Original user manual**

## Validity of the operator's manual

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

Description	Type	Tractor serial number	
		From	To
TALOS 120	A38	217301xxxx	
TALOS 130		217401xxxx	

The operator's manual describes the possible equipment for your tractor. Your tractor's equipment is listed in your 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 TALOS range of farm tractors has been designed exclusively for professional use in line with the recognised rules governing farming practices and agricultural work.

The TALOS agricultural tractor has been designed and adapted to tow, push, move, carry or activate 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.

Appropriate use also supposes the observance of the instructions contained in the operator's manual, as well as the operating, maintenance and repair regulations laid down by the manufacturer.

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.

## Inappropriate use

Any use not foreseen by the manufacturer shall be considered to be inappropriate, and therefore incorrect. The manufacturer accepts no liability in the event of damage or injury; such use is entirely at the user's own risk.

Examples of inappropriate use of CLAAS tractors/farm tractors from the TALOS 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 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.
- installation of unauthorised equipment.
- use of replacement parts other than original CLAAS parts.
- use of devices/equipment not authorised by the manufacturer.
- use of implements/devices/equipment which are not compatible with each other.
- use in sporting events.
- exceeding the total technically permissible weight.
- the transport of persons.

# Safety and accident prevention instructions

This list is not comprehensive. Evaluate the risks taken in the work space on an ongoing basis.

- ▶ In all circumstances, respect the legislation relating to driving wheel-fitted farming tractors applicable in your country.
- ▶ Never exceed the maximum authorised speed. If necessary, consult the police or your insurance company for more information.
- ▶ The loads on the front and rear axle must not exceed the maximum authorised loads.  
Load capacities
- ▶ Never exceed the authorised tow weights for the tractor.  
Maximum authorised tow weights
- ▶ Before any movement, check the tractor's brakes.
- ▶ Before any movement, check the braking efficiency of rolling implements if they have a braking system.
- ▶ CLAAS tractors have been designed for farming applications. However, certain working environments likely to cause the tractor to tip over must be banned:
  - ▶ Unstable river banks.
  - ▶ Steep slopes.
- ▶ If the tractor is equipped with a cab, the doors must be securely closed when travelling on roads.
- ▶ Use of the tractor on public roads is prohibited if the wheel weights of the tractor protrude past the tyres.
- ▶ Before travelling on the road:
  - ▶ Adjust the mirrors to optimise the field of vision.
  - ▶ Clean the mirrors if necessary.
- ▶ Make sure that the equipment is hitched correctly and safely locked in position.
- ▶ Whenever possible, avoid using busy roads.
- ▶ When transporting equipment on a public road, use the warning device required by the highway code.
- ▶ Check that the signalling systems are operating correctly.
- ▶ The signalling devices must be clearly visible.
- ▶ The working lights must under no circumstances be lit on the road.
- ▶ Brake pedals must always be coupled when travelling on the road.
- ▶ Do not use the hand accelerator when the tractor is travelling on the road.
- ▶ Do not use the differential lock on roads or when cornering.
- ▶ Before travelling on the road, disengage the rear power take-off.
- ▶ Before travelling on the road, position the hitched, mounted or semi-mounted implements in the transport position. If the implement has transport wheels, use them.
- ▶ The instructions on wearing the driver's and instructor's seat belt are set by the traffic regulations in the country of use. Comply with the regulations in force in the country where the tractor is used.
- ▶ When driving on rough roads or tracks, reduce your speed.
- ▶ Ensure that nobody is standing in the risk zone between the tractor and implement.
- ▶ Ensure that nobody is standing next to the lifting zones.
- ▶ Ensure that nobody is present near the wheels before using the tractor.
- ▶ When the tractor is parked unintentionally or deliberately on a public road and represents a danger to traffic, it is essential to:
  - ▶ Switch on the hazard warning lights.
  - ▶ Place a warning triangle ahead of the danger zone (according to the regulations in force in the country where the tractor is used).
- ▶ Slow down before changing direction.
- ▶ Lower the implements to the ground before exiting the tractor.
- ▶ When travelling downhill, always remain in gear: never declutch. The gear selected should be the same as would be used to climb an equivalent gradient.
- ▶ Always use equipment in good condition, suited to the power of the tractor and the type of work to be performed.

- ▶ Always use protective equipment appropriate for the work to be performed (safety shoes, gloves, overalls, mask, boots, etc.).
- ▶ Extended exposure to a high noise level may cause hearing conditions, even deafness. To avoid these risks, wear hearing protection such as ear plugs.
- ▶ Keep sufficient distance between power lines and the tractor/implement assembly.
- ▶ Each time the tyres are replaced or swapped, a new check should be carried out if tyres other than those originally designed for the model are to be used.
- ▶ The following 2 conditions should be observed when hitching a trailer or implement:
  - ▶ The limit values authorised by the hitches  
Hitches
  - ▶ The limit values authorised by the country's traffic regulations.
- ▶ Above a certain size, the trailer or the rolling implement hitched to the tractor must be equipped with a braking device.
- ▶ Check the compatibility of the pressure (hydraulic or pneumatic) delivered by the braking device of the tractor's trailer (depending on equipment) with the pressure accepted by the rolling implement.
- ▶ Periodically check (or have checked) the condition of the brakes on rolling implements hitched to the tractor (a rolling implement with a faulty braking device will risk the safety of the trailer by overloading the braking device of the tractor). CLAAS declines any liability in relation to the poor maintenance (or adjustment) of the braking device of the rolling implement hitched to the tractor.

## Driving the tractor

- ▶ Do not enter or exit the tractor when it is in motion.
- ▶ Adapt the speed to the conditions of the environment in which the tractor is used.
- ▶ On journeys involving travelling downhill, use the engine brake and maintain a suitable speed.
- ▶ Consider the wheelbase and the inertia mass of hitched implements.
- ▶ Caution: risk of overturning.
- ▶ Do not turn sharply when working on slopes.
- ▶ During a break in work, even if only brief, stop the engine and apply the handbrake.
- ▶ Lower the implements to the ground before exiting the tractor.
- ▶ Consider the wheelbase and the inertia mass of hitched implements.
- ▶ Start turning in good time.
- ▶ Do not correct the tractor's steering suddenly when turning.
- ▶ When changing direction, observe traffic carefully on both sides.
- ▶ When travelling with a trailer or a hitched implement, check the steering angle in order to prevent the implement from making contact with the tractor (for example, with the tractor tyres). In case of contact, decelerate the load immediately. If necessary, reverse the tractor and take the bend with a wider radius.
- ▶ With large steering angles, implements may protrude past the outer edge of the bend. Beware of any persons or obstacles on the edge of the road as well as traffic in the opposite direction.
- ▶ In the event of malfunctions on major safety components such as the steering or brakes:
  - ▶ Immobilise the tractor immediately in a safe location.
  - ▶ Switch off the engine.
  - ▶ Chock the tractor's wheels.
  - ▶ Call an approved CLAAS distributor before using the tractor again.

# Checking the condition of the tractor

Maintaining the tractor in the best possible condition, by carrying out all routine maintenance (oil changes, level checks, overhauls, adjustments and thorough cleaning) will allow the efficiency and safety of the tractor to be optimised when working.

Check the following items first:

- ▶ High-temperature components:
  - ▶ Check that airborne particles (straw, grass, wood chips, etc.) do not accumulate in high-temperature areas.
  - ▶ Clear debris from around the engine and the exhaust system.
  - ▶ For implements hitched on the front/rear or sides of the tractor, inspect and clean the areas where various types of material can accumulate.
- ▶ Brakes:
  - ▶ Check that the brakes work properly.
  - ▶ Check the operation of the handbrake and service brake.
  - ▶ Check that when the brakes are activated (service brakes or handbrake), the tractor's front axle is engaged (for tractors equipped with four-wheel drive).
- ▶ Steering:
  - ▶ Check the operation of the hydrostatic steering.
- ▶ Transmission:
  - ▶ Check the transmission oil level (especially if external auxiliary hydraulic systems are used).
- ▶ Hydraulic circuit:
  - ▶ Check the condition of the circuit (unions, pipes, hoses), particularly that of the steering actuator supply hoses with double-action through-rods.
- ▶ Electrical circuit:
  - ▶ Check the condition of the electrical system (cables, headlights, indicator lights, hazard lights, warning beacons, windscreen wipers, etc.).
- ▶ Lighting - indicators:
  - ▶ All lighting and indicating equipment must not only be in working order, but must be fully visible; clean it if necessary.
  - ▶ Carry a spare set of bulbs.
  - ▶ Replace any defective element.

Only fit original CLAAS parts. Approved CLAAS distributors are available to supply all parts and products required for maintaining your tractor in perfect condition.

Using components which are not checked or authorised by CLAAS reduces the efficiency and safety of the tractor when working and travelling.

## **Climbing into and out of the tractor**

The step used to access the cab must be cleaned regularly to prevent falls or slipping when climbing into and out of the cab.

### **Climbing into the tractor**

To climb into the tractor:

- ▶ Position yourself in front of the step for accessing the driving position.
- ▶ Open the door (depending on equipment).
- ▶ When climbing the steps, take them one at a time and always use the handles/handrails provided:
  - ▶ Only move one hand when both feet are supported.
  - ▶ Only move one foot when gripping with both hands.
- ▶ Sit in the driver's seat.
- ▶ Close the door (depending on equipment).
- ▶ Pass the seat belt around the waist and fasten the seat belt.

### **Climbing out of the tractor**

To climb out of the tractor:

- ▶ Lower the implements to the ground.
- ▶ Check that all the controls are disengaged.
- ▶ Apply the handbrake.
- ▶ Switch off the engine.
- ▶ Unfasten your seat belt.
- ▶ Get out of the seat.
- ▶ Open the door (depending on equipment).
- ▶ When descending the steps, take them one at a time and always use the handles/handrails provided:
  - ▶ Only move one hand when both feet are supported.
  - ▶ Only move one foot when gripping with both hands.
- ▶ Close the door (depending on equipment).

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