

ORIGINAL INSTRUCTIONS

OPERATOR'S MANUAL

C314X

Mini Track Loader

machinecatalogic.com

Part number 92808896 (B280201086)

1st edition English (NA)

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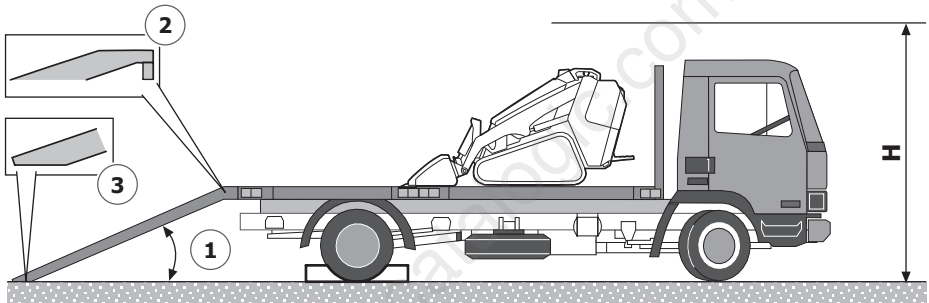
4.2 - Loading/unloading operations

It is recommended to use a special platform while loading and unloading the machine from the means of transport.

However, it is permitted to use loading ramps, in this case also consult the use and maintenance manual provided by the manufacturer of the ramps.

Before using loading ramps to load or unload the machine:

- perform loading/unloading operations on flat and compact ground, keep a safe distance from the edges of canals or roads;
- ensure that the nominal load capacity of the ramps is adequate for the weight of the machine and that each ramp is at least as wide as the track;
- the ramps must **NOT** form an angle (1) greater than 15° (27% slope);



- fit the ramps so that the axis of the machine is aligned to the track axis;
- the ramps must be rigidly connected (2) to the truck deck to avoid possible disconnection while the machine is being loaded;
- at the point of contact between the ramp and the ground (3) do not allow a level difference greater than 50 mm (2.0 in); therefore, choose ramps with a bevelled support;
- make sure the parking brake of the means of transport is engaged;
- apply wedges to block the wheels of the means of transport;
- place a non-slip mat on the loading platform of the truck, in the area where the machine will be placed;
- if necessary, remove the bucket or equipment to suit the size or maximum capacity of the means of transport. These must be transported appropriately;
- check that the maximum height (H) falls within the limits set by current standards.

6.8.8 - LIFETIME DATA COUNTER Screen

The **LIFETIME DATA COUNTER** screen contains meters that analyse the entire life of the machine and of the battery:

- **KEY-ON HOURS:** time during which the machine was switched on. The data counter is active when the following conditions occur: emergency stop button deactivated, ignition key positioned on 1 and battery not charging;
- **HOURS OF USE:** time during which the machine was turned on with the engine running;
- **CHARGING HOURS:** time during which the machine is charging. The data counter is disabled when the charge status reaches 100%;
- **BATTERY ENERGY:** amount of energy that the battery absorbs during charging for its entire life cycle;
- **CHARGING AMPERE-HOURS:** amount of current that the battery draws during charging throughout its life cycle.

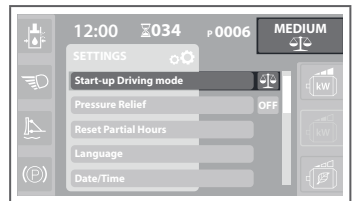
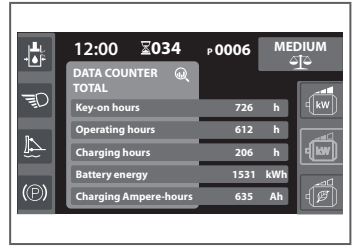
These counters cannot be reset.

6.8.8.1 - START-UP DRIVING MODE

By selecting the **START-UP DRIVING MODE** option in the **SETTINGS** screen, it is possible to select *Drive speed and control sensitivity* mode that will be active each time the machine is started.

Turn the navigation hand grip to select the desired setting, confirm the selection by pressing the hand grip.

For specific settings, see section "6.8.9 - *DRIVE SPEED AND CONTROL SENSITIVITY* screen" to page 6-23.





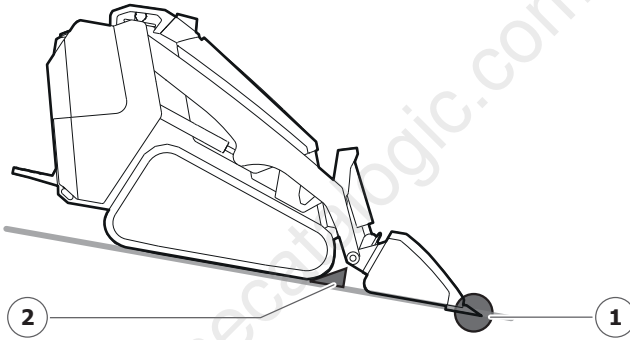
WARNING

Do not get off the machine with the equipment raised, always lower it to the ground.

Do not leave the machine turned on.

Should it be unavoidable to park the machine on a slope it is necessary to:

- it is necessary to check that the slope is **less than 10°**;
 - position the bucket down the slope and make sure the teeth or blade of the bucket are dug in the soil (**1**), if no equipment that can be dug into the ground is present, just rest the bucket on the ground;
 - appropriately block (by means of wedges **2**, not supplied) both tracks.
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VISCOSITY OF THE LUBRICATING OIL

The lubricant oil viscosity is chosen according to the ISO classification.

In order to choose the correct ISO class, knowing the **operating temperature** of the oil is essential.

The ISO classification does not determine the quality of a lubricating oil.

If the viscosity is too high, the hydraulic system may not work correctly or get damaged; if the viscosity is too low, the performance of the machine may be reduced.

The viscosity of the hydraulic oil changes as its temperature changes. The oil can operate at a viscosity between 13 and 860 mm²/s (cSt); the ideal conditions at which maximum performance is achieved, occur at a viscosity between 15 and 35 mm²/s (cSt).

It is difficult to correlate the ambient temperature with the operating temperature of the hydraulic oil, because the operating temperature is linked, in addition to the ambient temperature, to the way the machine is used and to the type of work being carried out. The table below gives the indicative values that can help in the selection of the oil, if in doubt contact the *Service Centre*.

Viscosity class	Reference viscosity at +40°C (104°F)	Ambient temperature	
	mm ² /s (cSt)	min.	max
ISO VG 32	32	-20°C (-4°F)	+30°C (+86°F)
ISO VG 46	46	-5°C (-23°F)	+40°C (+104°F)
ISO VG 68	68	+5°C (+41°F)	+50°C (+122°F)

Full Version Available

New Holland C314X Mini Track Loader
Operator's Manual (92808896) (April 2026)

This is a short preview. The complete document contains all sections, diagrams, part numbers or specifications, and full procedures.

VIEW THE FULL MANUAL