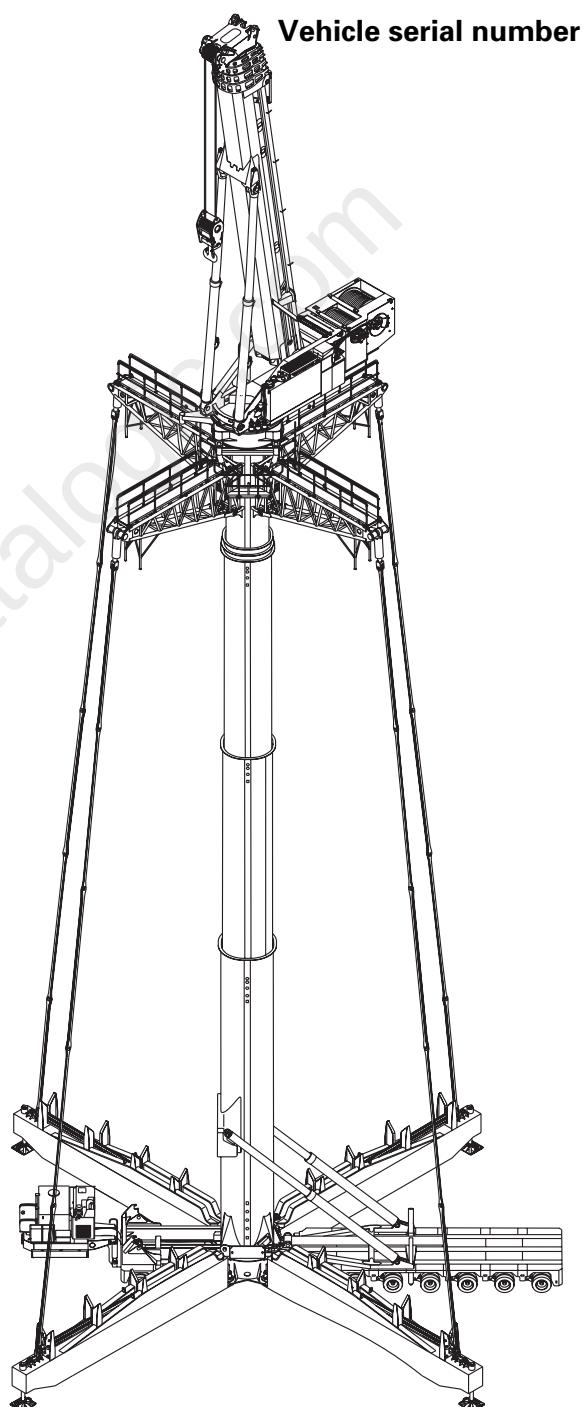
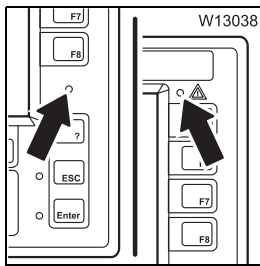


GROVE **GTK 1100**

Operating instructions

Part 1 – Rigging/crane operation

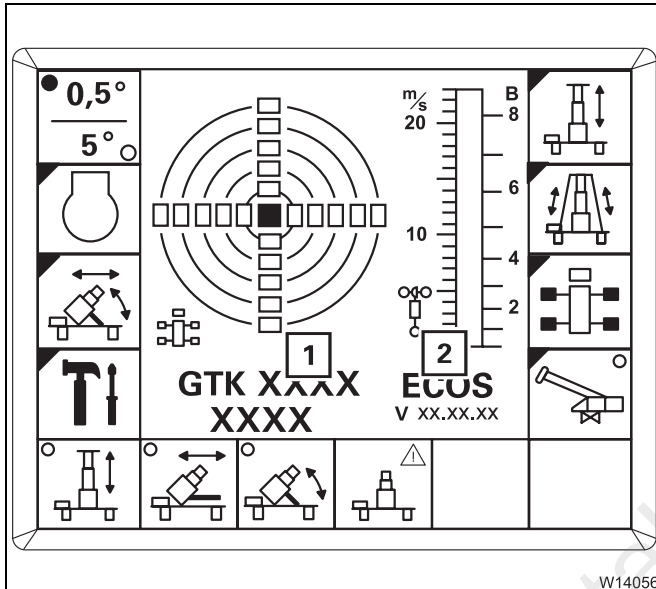




Sensor for brightness

Registers the brightness of the operating environment. The brightness of all displays is automatically adjusted.

Manual input; p. 6 - 8.



ECOS display

Ignition on – *Carrier* main menu display

Symbols with blue corner = submenu

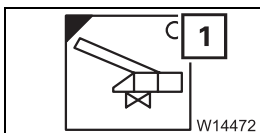
Open submenu – Press the button next to symbol 1x

Serial number and program version

- 1 Serial number
- 2 ECOS program version – always state in the event of malfunctions; p. 15 - 36

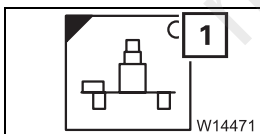
Power units display blocked

– In the *Carrier* main menu



- 1 – **Green:** Power units at the superstructure switched on – all power units at the carrier blocked
- **Black:** No power units at the superstructure switched on – switching on of the power units at the carrier released

– In the *Superstructure* main menu

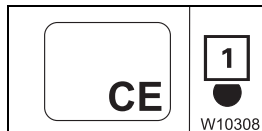


- 1 – **Green:** Power units at the carrier switched on – all power units at the superstructure blocked
- **Black:** No power units at the carrier switched on – switching on of the power units at the superstructure released

**Input confirmation**

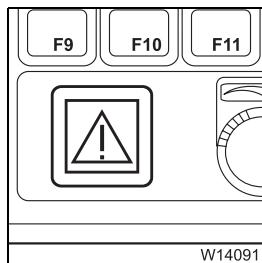
The lamp (1) lights up.

- **Press button once:**
 - In the *Rigging mode* submenu,
The *Check rigging mode* submenu opens
 - In the *Rigging mode monitoring* submenu,
The rigging mode is accepted, *Monitoring* submenu opens, lamp (1) goes out

**Acknowledgement**

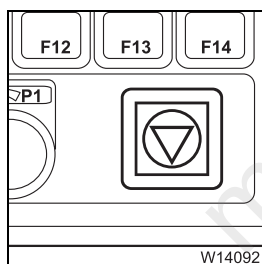
The lamp (1) lights up.

- **Press button once:** Buzzer tone off, error message acknowledged

**SLI early warning**

- **Flashing:**
 - Degree of utilization 90 to 100 % – buzzer¹⁾/horn on or
 - Error without shutdown or
 - SLI overridden
- **On:** Degree of utilization about 100 % – buzzer tone on – shutdown
- **Off:** Degree of utilization 0 – 90 %

➡ p. 9 - 26

**SLI shutdown**

- **On:**
 - Shutdown – buzzer¹⁾/horn on
 - Degree of utilization about 100 % or
 - Error
- **Off:** No shutdown

➡ p. 9 - 27

¹⁾ Buzzer on the *SLI* control unit





3 sheave hook block

Max. lifting capacity of the hook block 100 t

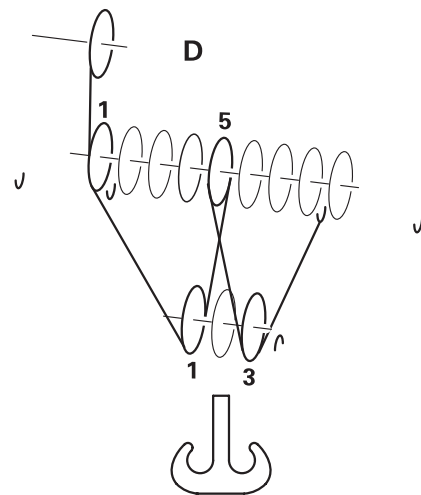
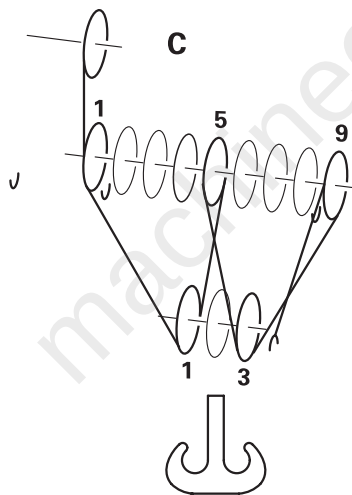
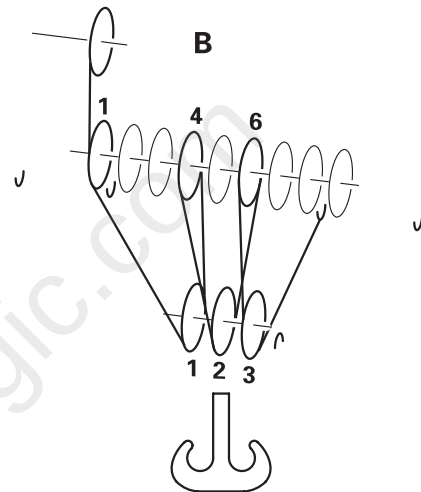
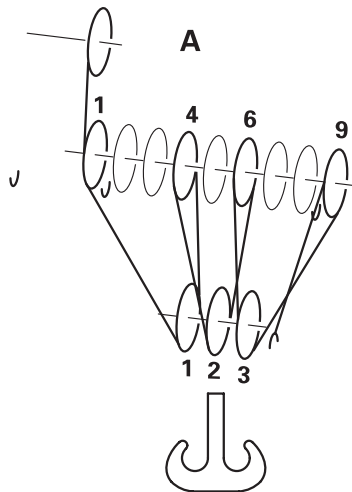
Max. lifting capacity with the GTK 1100:

A in case of reeving 7x¹⁾ 84 t

B in case of reeving 6x¹⁾ 72 t

C in case of reeving 5x¹⁾ 60 t

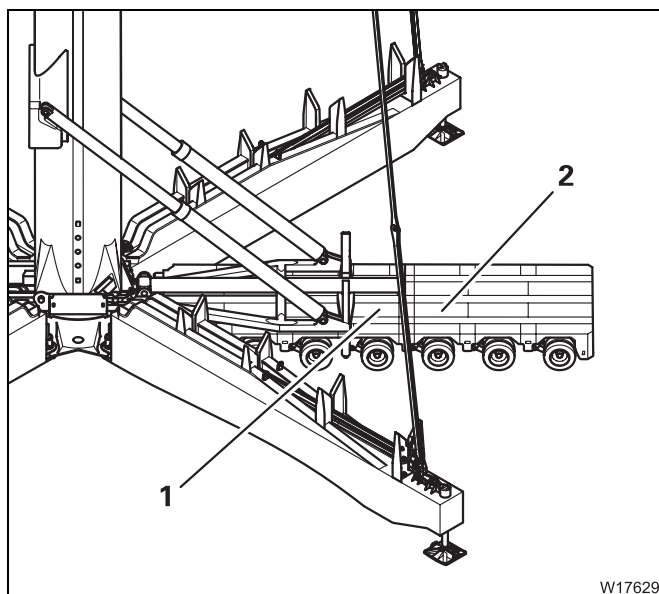
D in case of reeving 4x¹⁾ 48 t



W5664

¹⁾ Pay attention to the minimum weight as per the *Lifting capacity table*;
if required, install additional weights; ► p. 8 - 89.



11.9**Remove/install the 3-axis rear travel gear of the trailer.**

The 3-axis rear travel gear (2) is hoisted from the 4-axis rear travel gear (1) of the carrier on outriggers using an auxiliary crane or the GTK itself.

The information in the *separate operating manual of the trailer manufacturer* only refers to the unloaded trailer. Refer to the separate operating manual for actions according to trailer manufacturer specifications.

Safety instructions

Observe the following safety instructions during installation/removal.

**Danger of accidents if used improperly!**

Sling the 3-axis rear travel gear onto the slinging points provided only. Use suitable lifting gear and joining elements of sufficient load bearing capacity only.

**Risk of crushing due to swinging load**

Always guide the 3-axis rear travel gear with guide ropes and maintain sufficient distance. Ensure that there is nobody in the area between the rear travel gear and the mounting location.

**Risk of damage to the hoses and cables**

Always disconnect the hydraulic and electrical connections before you remove the 3-axis rear travel gear. This prevents the hoses from tearing or being damaged.

Dimensions and weight

Length x width: 4.5 x 3.0 m
Weight: approx 10.0 t



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Full Version Available

Grove GTK 1100 Tower Crane Operator Manual

Grove GTK 1100 tower crane operator manual, covering controls, safe operation, rigging and crane operation. 932-page searchable PDF. Instant PDF download.

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