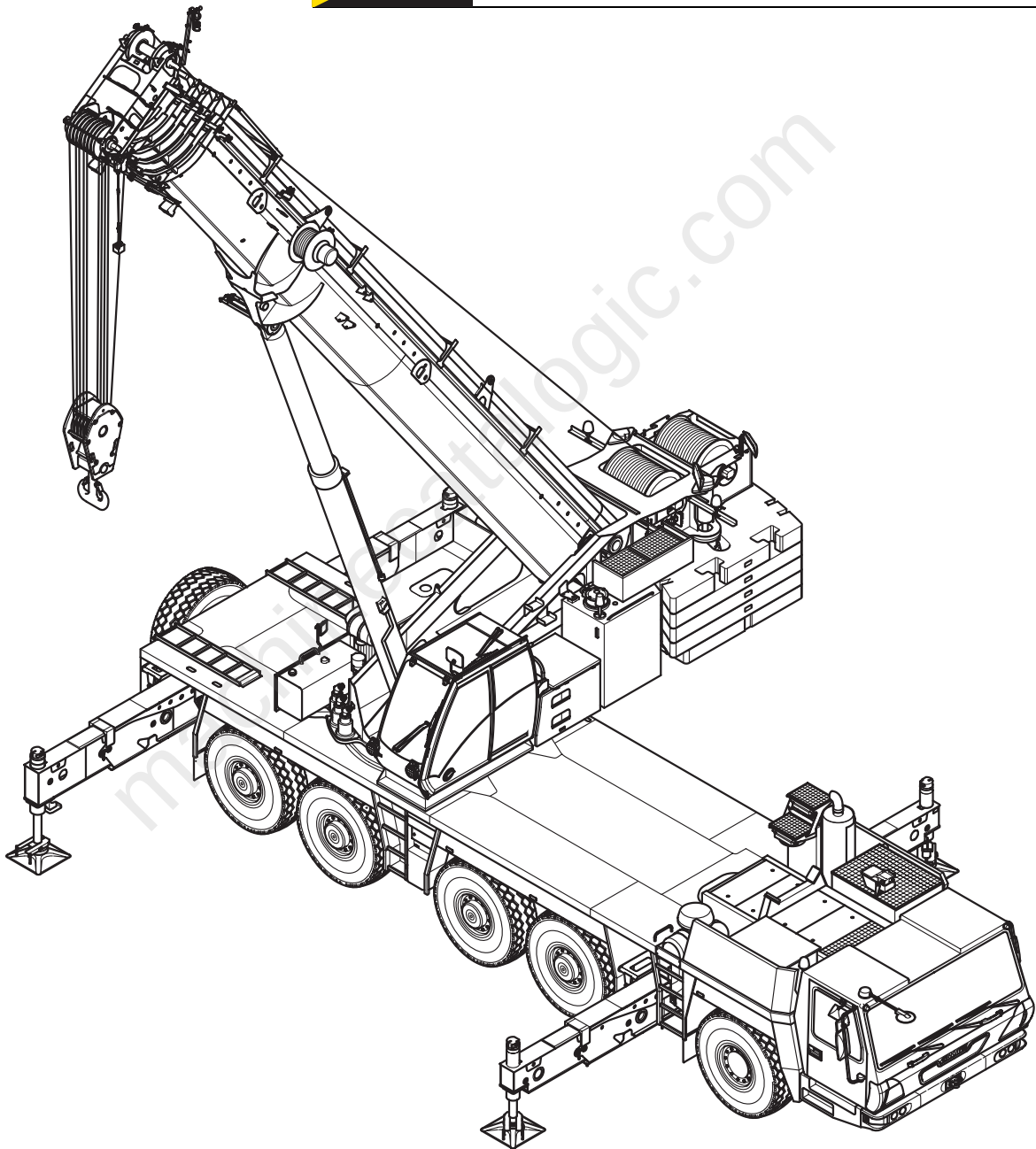


GROVE®

GMK 5170



Operating instructions Part 1 – Driving



Manitowoc®
Crane Group

Serial number

3 112 583 en

16.01.2009

A **Manitowoc** Company

1	Switching the measuring range	➡ p. 3 - 58
2	Display of current inclination	➡ p. 3 - 59
3	Overall level pre-selection	➡ p. 3 - 58
4	Front level pre-selection	➡ p. 3 - 58
5	Left level pre-selection	➡ p. 3 - 58
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7	Right level pre-selection	➡ p. 3 - 58
8	Setting the on-road level	➡ p. 3 - 59
9	Vehicle level display	➡ p. 3 - 59
10	Suspension display	➡ p. 3 - 54
	Suspension on/off	➡ p. 3 - 54
11	Lower level	➡ p. 3 - 58
12	Raise level	➡ p. 3 - 58
13	Suspension operating pressure gauge¹⁾	➡ p. 3 - 54

¹⁾ Additional equipment



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Slewing

The following prerequisites must be fulfilled before slewing:

- The houselock is switched off.
- The counterweight lifting cylinders are fully retracted.
- Slewing is permissible with the current rigging mode;  p. 13 - 71.
- The current rigging mode is entered on the SLI.

If slewing is not permissible with the current rigging mode, the slewing gear is disabled.



Danger of overturning when slewing with an incorrectly set SLI!

Therefore always check before slewing whether the SLI code valid for the current rigging mode is displayed.

This prevents slewing operations from being released within impermissible ranges and the truck crane from overturning.



Risk of crushing during slewing!

Before slewing, actuate the horn and ensure there are no persons in the slewing range of the superstructure.

In this way, you prevent persons from getting crushed between the superstructure and the carrier or between the superstructure and other parts.



Risk of the main boom buckling!

Do not accelerate the slewing speed to such a degree that the load starts swinging.

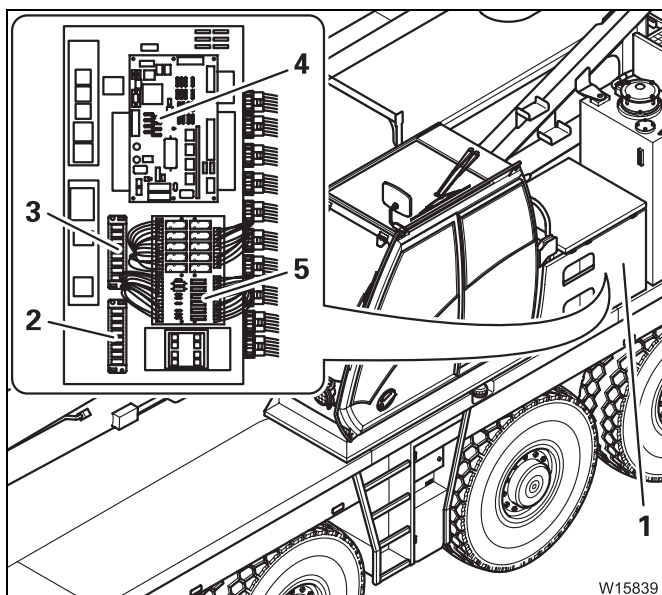
You can adjust the sensitivity of the control levers to the operating conditions;  *Setting the characteristic curve for the control levers*, p. 12 - 100.



With the *brake pedal* function, slewing movements are not braked automatically. If you let go of the control lever or move it to zero position, the slewing movement will slowly run down;  *Braking the slewing movement*, p. 12 - 93.

15.3.1

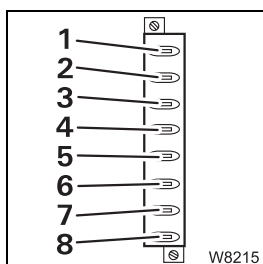
Fuses on the turntable



- Open the cover (1).
- Open the distribution box behind it. It contains
 - the fuse groups **F1** (3) and **F2** (2),
 - fuses on the circuit board (5).
 - fuses on the circuit board I/O-3 (4).

Fuse groups F1/F2

The following tables show the designations of the individual fuses, including their amperage and functions.



The designations 1 to 8 the tables correspond to the order from top to bottom (fuse 1 is the top fuse).

- Observe the instructions regarding fuse changes; p. 15 - 5.

Full Version Available

Grove GMK 5170 All Terrain Crane Operator Manual

Grove GMK 5170 all terrain crane operator manual, covering controls, safe operation, rigging and maintenance. 3 manuals in PDF. Instant PDF download.

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