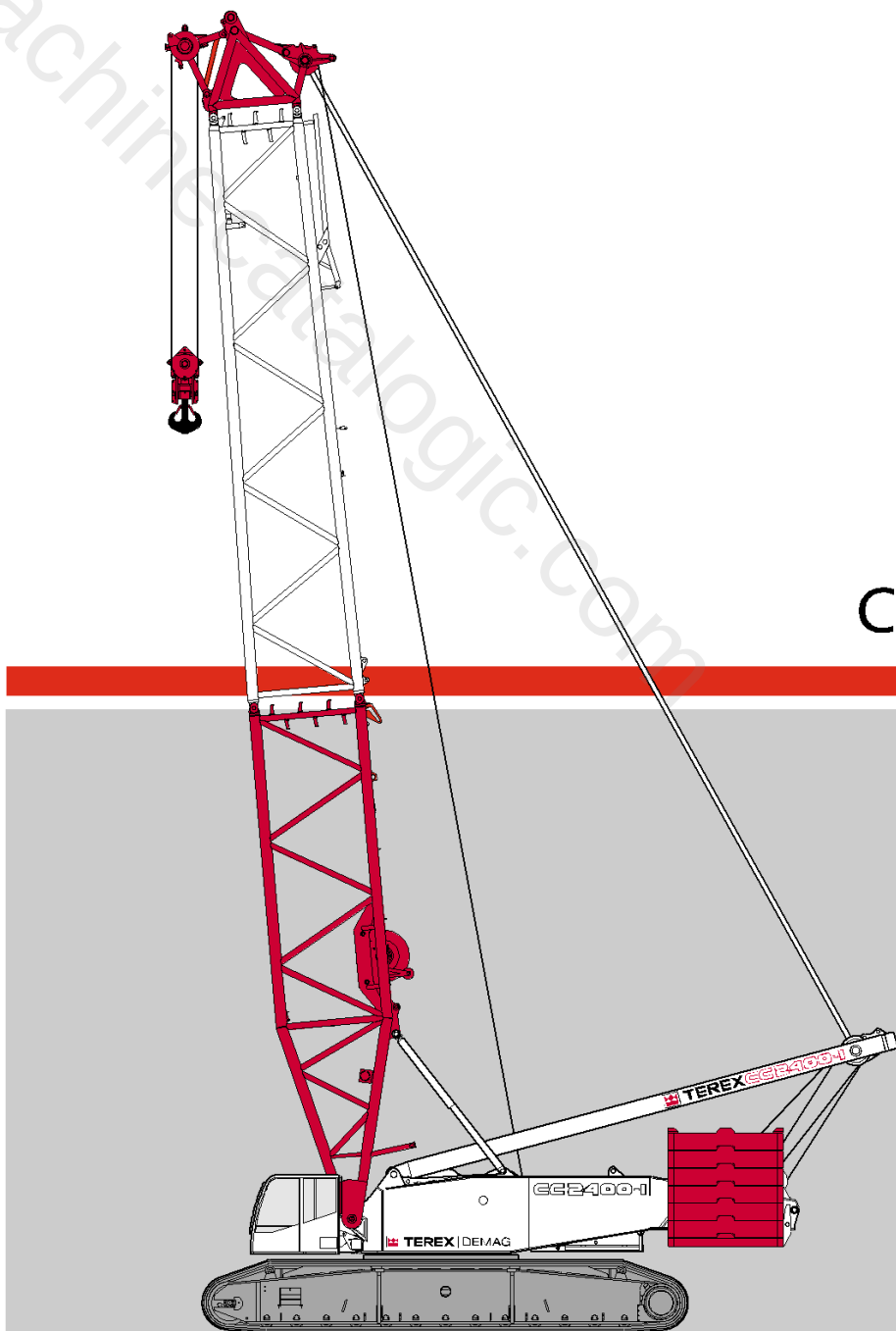
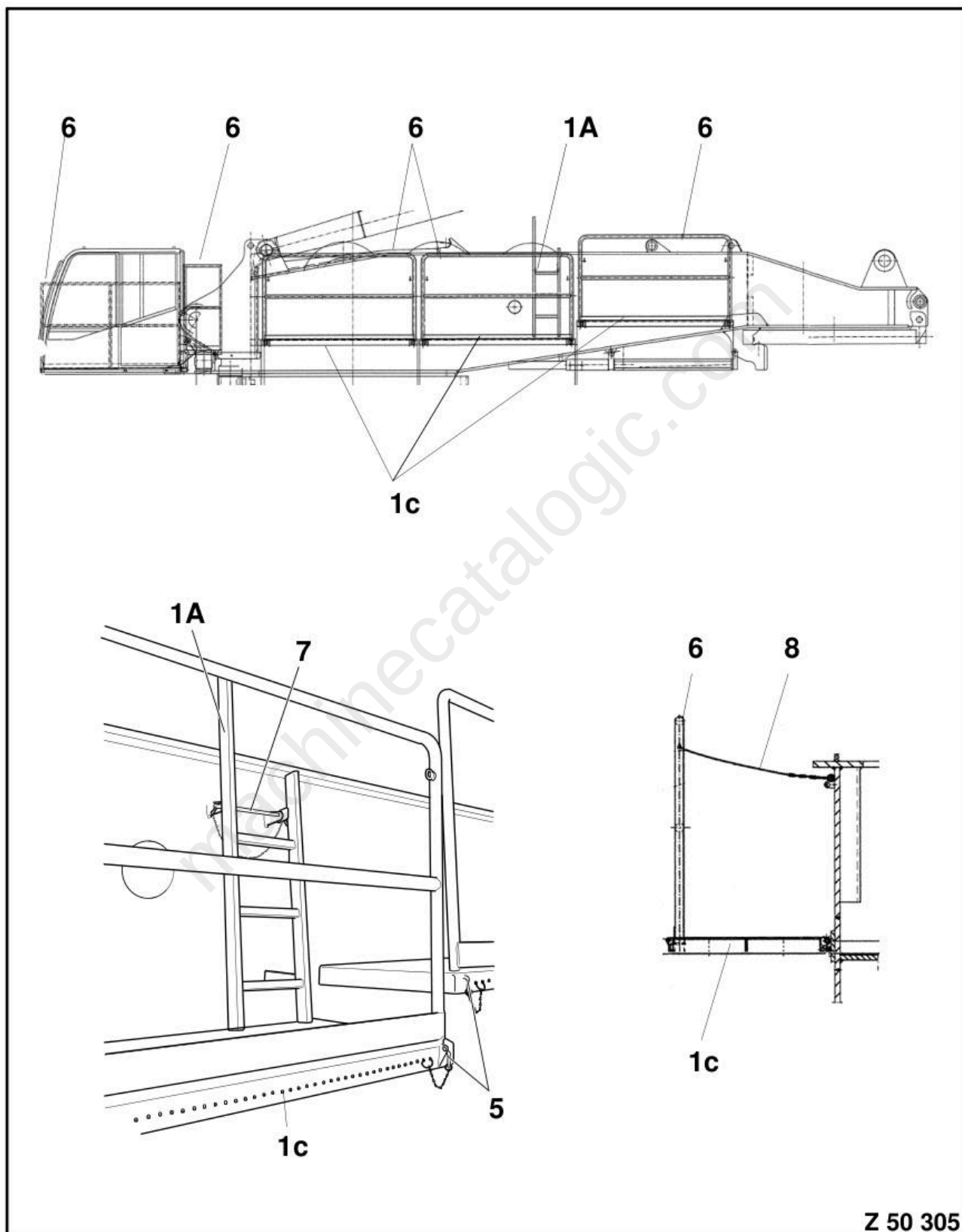


CC 2400-1





Continued – Operation of the crane

(Z 53 127)

OP = optional

O = default setting of the control lever

1 = functions of the left-hand control lever (3) in position forward/
reverse exchanged with right-hand control lever (2)

No.	Element	Designation	function
76	S	Switch, white	Preselection control lever 2: – Operation derricking gear to circuit P2.1
77	S	Switch, white	Preselection control lever 1: – Operation luffing gear 2 to circuit P1.1(OP)
78	S	Switch, white	Preselect control lever 1 and 2: – Operation of left-hand crawler-track carrier to circuit P1.1
79	S	Switch, white	Preselection control lever 1: – Operation luffing gear 1 to circuit P1.1

8.1.13 "I/O" screen

Bring up the diagnosis figure in the main menu by touching the button "3" (Z 57 309).

Legend (Z 53 720):

1. Version of the control software
2. Selection switch
3. Shut down, return to main menu

Current I/O values of the individual control systems can be displayed in the diagnosis mask "I/O" (Z 53 720). To do so, you must select the required control system.



The individual entries are either digital inputs or outputs (value: 0 or 1) or analogue input and outputs. Among other things, a validity status can be shown for the analogue values. If the values are not valid the number value is displayed in red.

In the diagnosis screen "I/O" (Z 53 720), the I/O values are displayed as a digital value.

In the diagnosis mask "I/O" (Z 53 721), the I/O values are displayed partially as analogue or digital values.

- 4 When the ground clearance reaches the preselected max. value of 0.5 m (1.64 ft), the jumper switch (9, Z 54 600) will appear. No operation is possible except for operation of the slewing gear.
The jumper switch will also be displayed when:
 - the height measurement of the base frame is not possible because of sensor failure
 - the clearance of the base frame to the ground is less than the minimum clearance.
 - when a monitoring of the inclination of the base frame is no longer possible because of failure of the travel measurement systems in the base frame lift cylinders.
- 5 If the jumper switch (9, Z 54 601) is now pressed (becomes red), then the bar display switches over to the 2 m (6.56 ft) mode. Now all movements are enabled for a greater lifting height. The lifting height display still shows the previous enabled range in green, but now with a lower resolution. The expanded height range is shown in yellow in the bar display (10, Z 54 601).
- 6 Monitoring of base frame tilt.
When the maximum length difference is reached between the base frame lift cylinders, the "lifting direction" will be disabled for the base frame lift cylinder which is retracted the furthest, and the "lowering direction" is disabled for the other one. The block will be automatically cancelled again once both base frame lift cylinders have the same extension length.



No interruption of the actuated movement on the part of the crane operator is necessary.

The disable status is indicated by length sensor values (6, Z 54 601) flashing red and black at intervals of one second.

*For Superlift operation with **O-t (0 ton US) Superlift counterweight** the lift of the basic frame lift cylinders is not monitored. Similarly, there is only limited monitoring of the tilt.*

If the base frame lift cylinders are controlled separately, there is no automatic monitoring of tilt.

- 7 When the warning lamp (11, Z 54 602) lights up, the base frame lift cylinders must not be retracted. (there is, for example, still not enough ground clearance)

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