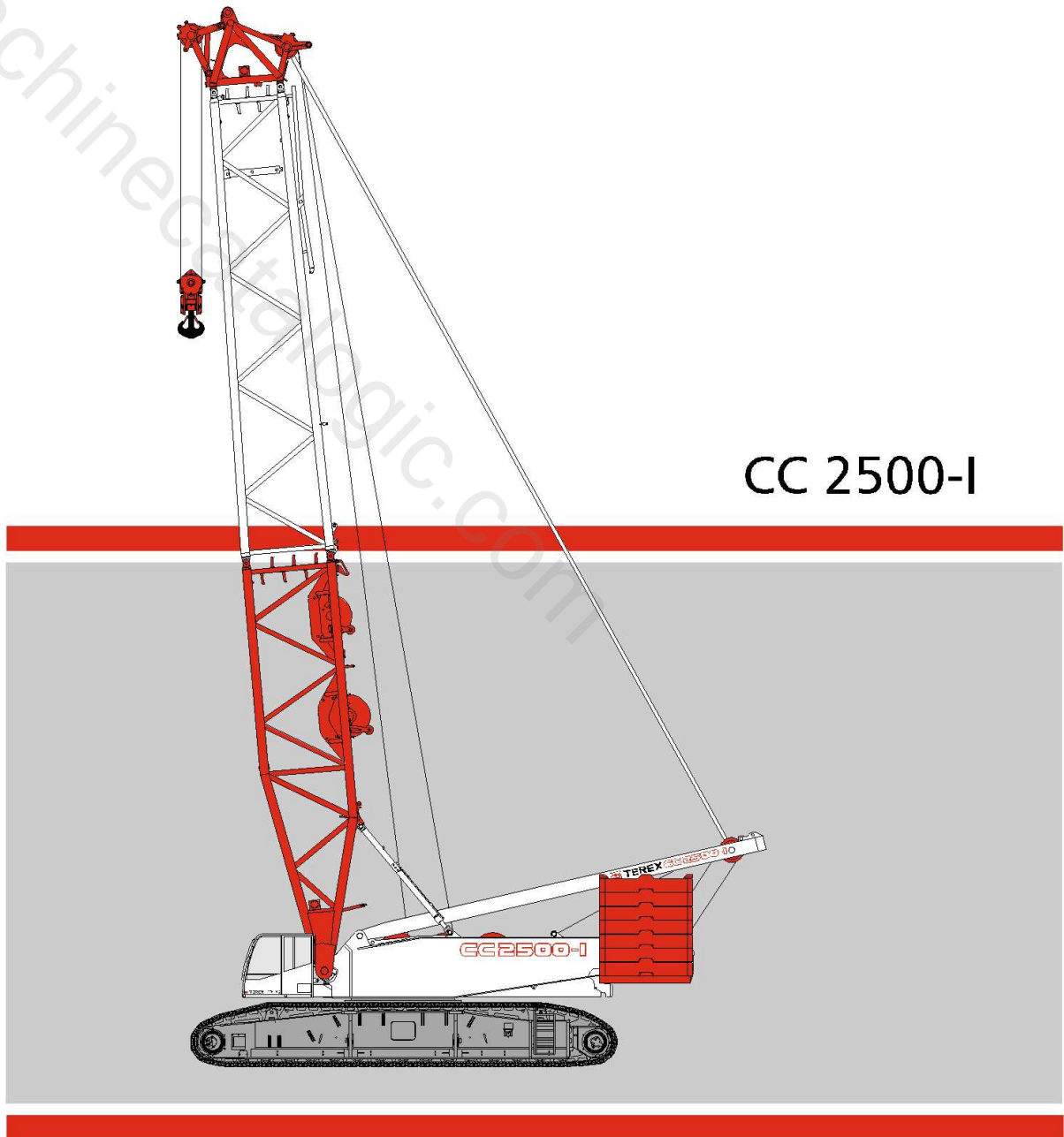




CC 2500-I

1.3 Operating Conditions and Computed Design of the Crane

1.3.1 General

The crane has been constructed using state of the art technology and in accordance with recognised safety regulations. Nevertheless, its use can lead to hazards for the life and limb of the operator and third parties, and/or damage to the machine and other objects.

Use the crane only when it is in full working order and only for its intended use, paying attention at all times to safety and potential hazards, and in observance of the operating instructions. In particular have any malfunctions which might impair safety rectified immediately.



The term "operating instructions" refers to the operating instructions and the lubrication and maintenance instructions.

1.3.2 Classification of the Crane

The crane is classified as follows (ISO 4301-2 and FEM 1.001):

- Operating class => U1
- Collective class => Q2
- Crane group => A1

All important components of the crane are designed and manufactured for normal assembly operation. This assumes that crane operations under full load, crane operations with lower load and operating breaks occur in a ratio that is typical for an assembly crane. More exacting operating conditions necessarily lead to a shorter life expectancy for the crane.

Operating conditions or types of use other than assembly operation require the permission of the manufacturer and normally lead to a reduction in the lifting capacities.

7.3 Braking the Superstructure

- Move control lever (3, Z 58 035) slowly to "O" position.



Do not brake the superstructure by activating the movement in the opposite direction.



The spring-loaded retaining brake is not to be used to brake the superstructure.

Retaining brake

(Z 58 036)



The holding brake is always closed when no slewing movement is being actuated.

The holding brake is opened by:

- Extend the control lever (3)
- By pressing one of the buttons (4 or 8) in the control lever (1 or 2).

Crane operation with fly jib:

Main boom length/ fly jib length		Permitted wind speed		Permitted dynamic pressure	
(m)	(ft)	(m/sec)	(mph)	(N/m ²)	(kp/ft ²)
up to 48/ up to 42	up to 157.49/ up to 137.80	13.8	30.86	120	1.33
up to 48/ 48 up to 72	up to 157.49/ 157.49 to 236.23	11.3	25.27	80	1.13
54 up to 84/ up to 42	up to 177.17/ 275.60 to 137.80	10.6		70	0.76
greater than 54/ greater than 48	greater than 177.17/ greater than 157.49	9.8	21.91	60	0.57

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