

**HITACHI****CRANE RATINGS ZX135****Unit: Kg**

Working Radius (M)	Boom Length (Metres)							
	4.4m Boom		7.3m Boom		10.2m Boom		13.0m Boom	15.9m Boom
	STATIC	MOBILE	STATIC	MOBILE	STATIC	MOBILE	STATIC	STATIC
2.50	4,900	2,000	4,900	2,000				
3.10	4,900	2,000	4,900	2,000	3,000	1,500		
3.50	4,400	2,000	4,400	2,000	3,000	1,500	3,000	
3.85	4,000	2,000	4,000	2,000	3,000	1,500	3,000	
4.00	3,820	1,910	3,820	1,910	3,000	1,500	3,000	2,600
4.20	3,580	1,790	3,580	1,790	3,000	1,500	3,000	2,600
4.50			3,220	1,610	3,000	1,500	3,000	2,600
5.00			2,730	1,365	2,700	1,350	2,600	2,600
5.15			5.31mx2,500	5.31mx1,250	5.33mx2,500	5.33mx1,250	2,500	2,500
5.50			2,380	1,190	2,400	1,200	2,270	2,270
6.00			2,070	1,035	2,110	1,055	2,000	2,000
6.50			1,810	905	1,860	930	1,820	1,800
7.10			1,580	790	1,630	815	1,670	1,620
7.50					1,500	750	1,560	1,520
8.00					1,350	675	1,430	1,400
8.50					1,220	610	1,300	1,300
9.00					1,110	555	1,200	1,200
10.00					920	460	1,000	1,000
11.00							850	890
12.00							730	770
12.80							650	680
13.00								670
14.00								580
15.00								500
15.70								450

Hook		Number of hoist reeving and max. rated loads (kg)		
Cap.	Weight	4	2	1
5.0 ton	55kg	5,000kg	2,500kg	1,250kg

1. The rated loads are determined according to DIN 15018 part 3 (lifting class H2, loading group B2). The stability is according to EN13000 (2004).

The rated loads listed are based on the condition that the machine is stationed on firm, level ground. The rated loads are available over 360 degrees. The rated loads shown include the weight of all lifting attachments, such as hook and bucket. The load to be actually lifted is the rated load minus the weight of all lifting attachments.

2. Travelling is allowed according and provided that:

- surface must be firm and level
- the boom is in travelling direction
- speed is not above 0.4m/s (on a firm level ground)
- the load is near the ground (0.5m) and secured against swaying
- no other movements are allowed

3. Standard reeving for working 1 or 2 or 4 reeving's.

4. At windforce of 14m/s or more the operation must be stopped. By windforce of 15m/s or more the boom must be retracted to the minimum and lowered to the ground.

5. For the wind load area of the rated load is 1.2m<sup>2</sup> per 1000kg calculated.