

1 MAIN DATA

1.1 Load Tables

1.1.1 Load Capacity Chart

The table below covers the maximum allowable gross load * on the ropes.

Radius (m)	Hook operation Utilisation of tipping moment (75 %) (to)	Motor grab operation (to)
10.5 - 16	104.0	43.3
17	104.0	43.3
18	102.7	43.3
19	94.9	43.3
20	88.1	43.3
21	82.1	43.3
22	76.8	43.3
23	72.0	43.3
24	67.8	43.3
25	64.0	43.3
26	60.5	43.0
27	57.3	40.7
28	54.4	38.7
29	51.8	36.8
30	49.3	35.1
31	47.1	33.5
32	45.0	32.0
33	43.0	30.6
34	41.2	29.3
35	39.5	28.1
36	37.9	27.0
37	36.4	25.9
38	35.0	24.9
39	33.7	24.0
40	32.4	23.0
41	31.3	22.3
42	30.1	21.4
43	29.1	20.7

1 to = 1 000 kg = 2 204 lbs.

* = The weight of the lifting device (hook block, shackle etc.) must be deducted from the gross lifting capacity to obtain a net lifting value.

The crane is equipped in 2-rope configuration
(104 tonnes lifting capacity NLG 52 tonnes / HLG 104 tonnes).