

F200-100
Nominal Rating: 100 Tons Maximum Lifting Capacity
Rev 1.0
Rev Date: 10/28/2013
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IMPERIAL UNITS

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)
18.0	79.5	200,000	200,000
20.0	78.5	200,000	187,375
25.0	75.5	200,000	152,250
30.0	72.5	193,050	128,700
35.0	69.5	167,675	111,750
40.0	66.4	148,475	99,000
45.0	63.3	133,425	88,950
50.0	60.0	121,225	80,825
55.0	56.6	111,100	74,075
60.0	53.1	102,500	68,325
65.0	49.5	95,050	63,375
70.0	45.6	88,400	58,925
75.0	41.4	80,500	53,675
80.0	36.9	73,600	49,050
85.0	31.8	67,500	45,000
90.0	25.8	62,075	41,400
95.0	18.2	57,250	38,150
100.0	0.0	43,975	29,300

METRIC UNITS

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
5.49	79.5	90,710	90,710
6.10	78.5	90,710	84,990
7.62	75.5	90,710	69,060
9.14	72.5	87,560	58,370
10.67	69.5	76,050	50,680
12.19	66.4	67,340	44,900
13.72	63.3	60,520	40,340
15.24	60.0	54,980	36,660
16.76	56.6	50,390	33,600
18.29	53.1	46,490	30,990
19.81	49.5	43,110	28,740
21.34	45.6	40,090	26,720
22.86	41.4	36,510	24,340
24.38	36.9	33,380	22,240
25.91	31.8	30,610	20,410
27.43	25.8	28,150	18,770
28.96	18.2	25,960	17,300
30.48	0.0	19,940	13,290

API Maximum Overturning Moment (ft-lbs.)	14,473,475	API Maximum Overturning Moment (tonne-meter)	2,001.03
Corresponding Axial Force (lbs.)	297,425	Corresponding Axial Force (kgs.)	134,910
Maximum Axial Force (lbs.)	520,625	Maximum Axial Force (kgs.)	236,150
Corresponding Moment (ft-lbs.)	7,814,700	Corresponding Moment (tonne-meter)	1,080.42
Basic Crane Weight (lbs.)	120,625	Basic Crane Weight (kgs.)	54,680
Center of Gravity (ft)	24.84	Center of Gravity (m)	7.57

The published load chart was generated in accordance with Legacy Dynamic Method per API 2C 7th Edition. The load ratings may vary due to the number of part line, line pull, environmental conditions, etc. The information provided in this document is intended for informational purposes only and is subject to change without notice.