

F250-100
Nominal Rating: 125 Tons Maximum Lifting Capacity
Rev 1.0
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IMPERIAL UNITS

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)
18.0	79.5	250,000	250,000
20.0	78.5	250,000	249,575
25.0	75.5	250,000	203,050
30.0	72.5	250,000	171,875
35.0	69.5	224,200	149,475
40.0	66.4	198,800	132,525
45.0	63.3	178,850	119,225
50.0	60.0	162,700	108,450
55.0	56.6	149,275	99,525
60.0	53.1	136,300	90,875
65.0	49.5	122,950	81,950
70.0	45.6	111,475	74,325
75.0	41.4	101,550	67,700
80.0	36.9	92,850	61,900
85.0	31.8	85,175	56,800
90.0	25.8	78,375	52,250
95.0	18.2	72,275	48,175
100.0	0.0	60,375	40,250

METRIC UNITS

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
5.49	79.5	113,390	113,390
6.10	78.5	113,390	113,200
7.62	75.5	113,390	92,100
9.14	72.5	113,390	77,960
10.67	69.5	101,690	67,800
12.19	66.4	90,170	60,110
13.72	63.3	81,120	54,080
15.24	60.0	73,800	49,190
16.76	56.6	67,710	45,140
18.29	53.1	61,820	41,220
19.81	49.5	55,770	37,170
21.34	45.6	50,560	33,710
22.86	41.4	46,060	30,700
24.38	36.9	42,110	28,070
25.91	31.8	38,630	25,760
27.43	25.8	35,550	23,700
28.96	18.2	32,780	21,850
30.48	0.0	27,380	18,250

API Maximum Overturning Moment (ft-lbs.)	18,661,590	API Maximum Overturning Moment (tonne-meter)	2,580.06
Corresponding Axial Force (lbs.)	429,650	Corresponding Axial Force (kgs.)	194,890
Maximum Axial Force (lbs.)	657,005	Maximum Axial Force (kgs.)	298,020
Corresponding Moment (ft-lbs.)	9,787,530	Corresponding Moment (tonne-meter)	1,353.17
Basic Crane Weight (lbs.)	157,000	Basic Crane Weight (kgs.)	71,170
Center of Gravity (ft)	24.45	Center of Gravity (m)	7.45

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.