

L500-150
Nominal Rating: 250 Tons Maximum Lifting Capacity
Rev 2.0
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Author: R. Fitzgerald

IMPERIAL UNITS

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)
28.2	81.9	415,575	276,350
30.0	81.2	401,575	267,050
35.0	79.2	367,400	244,325
40.0	77.3	338,375	225,030
45.0	75.3	313,225	208,300
50.0	73.3	291,075	193,550
55.0	71.3	271,250	180,375
60.0	69.3	253,300	168,450
65.0	67.2	236,900	157,525
70.0	65.2	221,750	147,475
75.0	63.0	207,700	138,100
80.0	60.9	194,525	129,350
85.0	58.7	180,975	120,350
90.0	56.4	167,675	111,500
95.0	54.1	155,900	103,675
100.0	51.7	145,375	96,675
105.0	49.2	135,925	90,375
110.0	46.7	127,375	84,700
115.0	44.0	119,525	79,475
120.0	41.2	110,475	73,475
125.0	38.2	101,725	67,650
130.0	35.0	93,250	62,000
135.0	31.5	84,975	56,500
140.0	27.6	76,875	51,125
145.0	23.2	68,875	45,800
150.0	17.7	60,800	40,425
155.0	9.6	52,075	34,625
157.1	0.0	45,950	30,550

METRIC UNITS

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
8.59	81.9	188,500	125,350
9.14	81.2	182,150	121,130
10.67	79.2	166,650	110,820
12.19	77.3	153,480	102,070
13.72	75.3	142,070	94,480
15.24	73.3	132,030	87,790
16.76	71.3	123,030	81,810
18.29	69.3	114,890	76,400
19.81	67.2	107,450	71,450
21.34	65.2	100,580	66,890
22.86	63.0	94,210	62,640
24.38	60.9	88,230	58,670
25.91	58.7	82,090	54,590
27.43	56.4	76,050	50,570
28.96	54.1	70,710	47,020
30.48	51.7	65,940	43,850
32.00	49.2	61,650	40,990
33.53	46.7	57,770	38,420
35.05	44.0	54,210	36,050
36.58	41.2	50,110	33,320
38.10	38.2	46,140	30,680
39.62	35.0	42,290	28,120
41.15	31.5	38,540	25,620
42.67	27.6	34,870	23,190
44.20	23.2	31,240	20,770
45.72	17.7	27,570	18,330
47.24	9.6	23,620	15,700
47.88	0.0	20,840	13,850

API Maximum Overturning Moment (ft-lbs.)	33,163,262	API Maximum Overturning Moment (tonne-meter)	4,584.99
Corresponding Axial Force (lbs.)	588,979	Corresponding Axial Force (kgs.)	267,159
Maximum Axial Force (lbs.)	1,058,141	Maximum Axial Force (kgs.)	479,970
Corresponding Moment (ft-lbs.)	19,468,300	Corresponding Moment (tonne-meter)	2,691.59
Basic Crane Weight (lbs.)	226,987	Basic Crane Weight (kgs.)	102,961
Center of Gravity (ft)	30.49	Center of Gravity (m)	9.29