

LEC500-140
Nominal Rating: 250 Tons Maximum Lifting Capacity
Rev 1.0
11/7/2013
Author: N. Polasa

IMPERIAL UNITS

Reach (ft)	Boom Angle (Deg)	Safe Working Load (Lbs)
30.0	81.5	411,300
35.0	79.4	389,175
40.0	77.3	370,850
45.0	75.2	344,300
50.0	73.1	306,900
55.0	70.9	276,350
60.0	68.8	250,950
65.0	66.6	229,500
70.0	64.3	211,150
75.0	62.0	195,250
80.0	59.7	181,350
85.0	57.3	169,125
90.0	54.8	158,250
95.0	52.3	148,525
100.0	49.6	139,800
105.0	46.9	131,900
110.0	44.0	124,725
115.0	41.0	118,200
120.0	37.7	112,200
125.0	34.3	106,700
130.0	30.4	101,625
135.0	26.1	96,942
140.0	21.0	92,575
145.0	14.2	84,300
149.0	0.5	66,450

METRIC UNITS

Reach (m)	Boom Angle (Deg)	Safe Working Load (Kgs)
9.14	81.5	186,560
10.67	79.4	176,520
12.19	77.3	167,210
13.72	75.2	156,170
15.24	73.1	139,200
16.76	70.9	125,350
18.29	68.8	113,830
19.81	66.6	104,100
21.34	64.3	95,770
22.86	62.0	88,560
24.38	59.7	82,260
25.91	57.3	76,710
27.43	54.8	71,780
28.96	52.3	67,370
30.48	49.6	63,410
32.00	46.9	59,820
33.53	44.0	56,570
35.05	41.0	53,610
36.58	37.7	50,890
38.10	34.3	48,390
39.62	30.4	46,090
41.15	26.1	43,970
42.67	21.0	41,990
44.20	14.2	38,230
45.42	0.5	30,140

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.