

L120-136
Nominal Rating: 60 Tons Maximum Lifting Capacity
Rev 2.0
Rev Date: 12/14/2015
Author: T. Wise

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)	Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)	
25.4	81.1	120,000	90,375	7.75	81.1	54,430	40,990	
30.0	79.1	120,000	90,375	9.14	79.1	54,430	40,990	
35.0	76.9	120,000	80,125	10.67	76.9	54,430	36,340	
40.0	74.6	101,075	67,200	12.19	74.6	45,840	30,480	
45.0	72.3	86,550	57,550	13.72	72.3	39,250	26,100	
50.0	70.0	75,250	50,050	15.24	70.0	34,130	22,700	
55.0	67.7	66,250	44,050	16.76	67.7	30,050	19,980	
60.0	65.3	58,875	39,150	18.29	65.3	26,700	17,750	
65.0	62.8	52,725	35,075	19.81	62.8	23,910	15,910	
70.0	60.3	47,550	31,625	21.34	60.3	21,560	14,340	
75.0	57.8	43,100	28,650	22.86	57.8	19,550	12,990	
80.0	55.2	39,250	26,100	24.38	55.2	17,800	11,830	
85.0	52.4	35,875	23,850	25.91	52.4	16,270	10,810	
90.0	49.6	32,900	21,875	27.43	49.6	14,920	9,920	
95.0	46.7	30,275	20,125	28.96	46.7	13,730	9,120	
100.0	43.6	27,900	18,550	30.48	43.6	12,650	8,410	
105.0	40.3	25,775	17,150	32.00	40.3	11,690	7,770	
110.0	36.8	23,850	15,875	33.53	36.8	10,810	7,200	
115.0	32.9	22,100	14,700	35.05	32.9	10,020	6,660	
120.0	28.6	20,525	13,650	36.58	28.6	9,310	6,190	
125.0	23.6	19,050	12,675	38.10	23.6	8,640	5,740	
130.0	17.3	17,700	11,775	39.62	17.3	8,020	5,340	
135.0	6.5	16,450	10,925	41.15	6.5	7,460	4,950	
141.0	0.0	16,250	10,800	42.99	0.0	7,370	4,890	
API Maximum Overturning Moment (ft-lbs.)				7,953,725	API Maximum Overturning Moment (tonne-meter)			1,099.64
Corresponding Axial Force (lbs.)				353,225	Corresponding Axial Force (kgs.)			160,220
Maximum Axial Force (lbs.)				384,025	Maximum Axial Force (kgs.)			174,200
Corresponding Moment (ft-lbs.)				7,406,950	Corresponding Moment (tonne-meter)			1,024.05
Basic Crane Weight (lbs.)				112,250	Basic Crane Weight (kgs.)			50,925
Center of Gravity (ft)				20.40	Center of Gravity (m)			6.22

The published load chart 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, and environmental conditions, etc. The information provided in this document is intended for informational purposes only and is subject to change without notice.