

T120-58-100
Nominal Rating: 60 Tons Maximum Lifting Capacity
Rev 2.0
Rev Date: 12/10/2015
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FULLY RETRACTED

IMPERIAL UNITS

METRIC UNITS

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)	Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
5.7	84.4	120,000	90,450	1.73	84.4	54,430	41,020
10.0	80.1	120,000	90,450	3.05	80.1	54,430	41,020
15.0	75.0	120,000	90,450	4.57	75.0	54,430	41,020
20.0	69.8	120,000	90,450	6.10	69.8	54,430	41,020
25.0	64.5	120,000	81,225	7.62	64.5	54,430	36,840
30.0	58.9	103,875	69,075	9.14	58.9	47,110	31,330
35.0	52.9	90,575	60,225	10.67	52.9	41,080	27,310
40.0	46.4	78,950	52,500	12.19	46.4	35,810	23,810
45.0	39.1	66,400	44,150	13.72	39.1	30,110	20,020
50.0	30.4	56,375	37,475	15.24	30.4	25,570	16,990
55.0	18.5	48,175	32,025	16.76	18.5	21,850	14,520
58.0	0.0	43,925	29,200	17.68	0.0	19,920	13,240

API Maximum Overturning Moment (ft-lbs.)	7,659,515	API Maximum Overturning Moment (tonne-meter)	1,058.97
Corresponding Axial Force (lbs.)	265,340	Corresponding Axial Force (kgs.)	120,356
Maximum Axial Force (lbs.)	379,570	Maximum Axial Force (kgs.)	172,170
Corresponding Moment (ft-lbs.)	6,113,220	Corresponding Moment (tonne-meter)	845.18
Basic Crane Weight (lbs.)	107,500	Basic Crane Weight (kgs.)	48,760
Center of Gravity (ft)	18.12	Center of Gravity (m)	5.52

FULLY EXTENDED

IMPERIAL UNITS

METRIC UNITS

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)	Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
9.8	84.4	120,000	90,450	2.98	84.4	54,430	41,020
10.0	84.3	120,000	90,450	3.05	84.3	54,430	41,020
15.0	81.4	120,000	90,450	4.57	81.4	54,430	41,020
20.0	78.5	120,000	90,450	6.10	78.5	54,430	41,020
25.0	75.5	108,925	72,425	7.62	75.5	49,400	32,850
30.0	72.5	90,750	60,350	9.14	72.5	41,160	27,370
35.0	69.5	77,700	51,675	10.67	69.5	35,240	23,430
40.0	66.4	67,875	45,125	12.19	66.4	30,780	20,460
45.0	63.3	60,175	40,000	13.72	63.3	27,290	18,140
50.0	60.0	53,950	35,875	15.24	60.0	24,470	16,270
55.0	56.6	48,825	32,450	16.76	56.6	22,140	14,710
60.0	53.1	44,475	29,575	18.29	53.1	20,170	13,410
65.0	49.5	40,775	27,100	19.81	49.5	18,490	12,290
70.0	45.6	36,350	24,175	21.34	45.6	16,480	10,960
75.0	41.4	31,950	21,250	22.86	41.4	14,490	9,630
80.0	36.9	28,125	18,700	24.38	36.9	12,750	8,480
85.0	31.8	24,750	16,450	25.91	31.8	11,220	7,460
90.0	25.8	21,725	14,450	27.43	25.8	9,850	6,550
95.0	18.2	19,050	12,650	28.96	18.2	8,640	5,730
100.0	0.0	16,625	11,050	30.48	0.0	7,540	5,010

API Maximum Overturning Moment (ft-lbs.)	7,191,595	API Maximum Overturning Moment (tonne-meter)	994.27
Corresponding Axial Force (lbs.)	189,040	Corresponding Axial Force (kgs.)	85,750
Maximum Axial Force (lbs.)	379,570	Maximum Axial Force (kgs.)	172,170
Corresponding Moment (ft-lbs.)	6,023,370	Corresponding Moment (tonne-meter)	832.76
Basic Crane Weight (lbs.)	107,500	Basic Crane Weight (kgs.)	48,760
Center of Gravity (ft)	27.06	Center of Gravity (m)	8.25

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.