

T30-45-75
Nominal Rating: 15 Tons Maximum Lifting Capacity
Rev 2.0
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FULLY RETRACTED

IMPERIAL UNITS

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)
8.2	80.7	30,000	30,000
10.0	78.4	30,000	30,000
15.0	71.8	30,000	30,000
20.0	64.9	30,000	23,375
25.0	57.5	25,650	17,050
30.0	49.5	19,425	12,925
35.0	40.2	15,025	10,000
40.0	28.5	11,750	7,810
45.0	0.0	9,100	6,050

METRIC UNITS

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
2.50	80.7	13,600	13,600
3.05	78.4	13,600	13,600
4.57	71.8	13,600	13,600
6.10	64.9	13,600	10,600
7.62	57.5	11,630	7,730
9.14	49.5	8,810	5,860
10.67	40.2	6,810	4,530
12.19	28.5	5,330	3,540
13.72	0.0	4,120	2,740

API Maximum Overturning Moment (ft-lbs.)	1,565,910	API Maximum Overturning Moment (tonne-meter)	216.49
Corresponding Axial Force (lbs.)	128,550	Corresponding Axial Force (kgs.)	58,310
Maximum Axial Force (lbs.)	160,150	Maximum Axial Force (kgs.)	72,645
Corresponding Moment (ft-lbs.)	1,290,575	Corresponding Moment (tonne-meter)	178.43
Basic Crane Weight (lbs.)	27,150	Basic Crane Weight (kgs.)	12,315
Center of Gravity (ft)	16.58	Center of Gravity (m)	5.05

FULLY EXTENDED

IMPERIAL UNITS

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)
13.1	80.7	30,000	28,525
15.0	79.2	30,000	26,550
20.0	75.3	30,000	23,225
25.0	71.3	27,400	18,225
30.0	67.2	21,325	14,175
35.0	62.9	16,875	11,200
40.0	58.5	13,550	9,000
45.0	53.9	10,975	7,300
50.0	48.9	8,950	5,950
55.0	43.6	7,275	4,850
60.0	37.6	5,900	3,925
65.0	30.7	4,725	3,150
70.0	21.8	3,725	2,475
75.0	0.0	2,825	1,875

METRIC UNITS

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
3.99	80.7	13,600	12,930
4.57	79.2	13,600	12,040
6.10	75.3	13,600	10,530
7.62	71.3	12,420	8,260
9.14	67.2	9,670	6,430
10.67	62.9	7,650	5,080
12.19	58.5	6,140	4,080
13.72	53.9	4,970	3,310
15.24	48.9	4,060	2,690
16.76	43.6	3,300	2,200
18.29	37.6	2,670	1,780
19.81	30.7	2,140	1,420
21.34	21.8	1,690	1,120
22.86	0.0	1,280	850

API Maximum Overturning Moment (ft-lbs.)	1,530,550	API Maximum Overturning Moment (tonne-meter)	211.61
Corresponding Axial Force (lbs.)	82,000	Corresponding Axial Force (kgs.)	37,195
Maximum Axial Force (lbs.)	112,950	Maximum Axial Force (kgs.)	51,235
Corresponding Moment (ft-lbs.)	1,145,050	Corresponding Moment (tonne-meter)	158.31
Basic Crane Weight (lbs.)	27,150	Basic Crane Weight (kgs.)	12,315
Center of Gravity (ft)	24.25	Center of Gravity (m)	7.39

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.