

T30-25-42
Nominal Rating: 15 Tons Maximum Lifting Capacity
Rev 2.0
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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)
4.8	80.6	30,000	30,000	1.45	80.6	13,600	13,600
5.0	80.0	30,000	30,000	1.52	80.0	13,600	13,600
10.0	67.9	30,000	30,000	3.05	67.9	13,600	13,600
15.0	54.6	30,000	30,000	4.57	54.6	13,600	13,600
20.0	38.4	30,000	23,825	6.10	38.4	13,600	10,800
25.0	0.0	26,425	17,550	7.62	0.0	11,980	7,960

API Maximum Overturning Moment (ft-lbs.)	1,596,225	API Maximum Overturning Moment (tonne-meter)	220.69
Corresponding Axial Force (lbs.)	127,760	Corresponding Axial Force (kgs.)	57,950
Maximum Axial Force (lbs.)	158,050	Maximum Axial Force (kgs.)	71,690
Corresponding Moment (ft-lbs.)	1,320,310	Corresponding Moment (tonne-meter)	182.54
Basic Crane Weight (lbs.)	25,050	Basic Crane Weight (kgs.)	11,375
Center of Gravity (ft)	7.61	Center of Gravity (m)	2.32

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)
7.5	80.6	30,000	30,000	2.30	80.6	13,600	13,600
10.0	77.1	30,000	30,000	3.05	77.1	13,600	13,600
15.0	70.0	30,000	30,000	4.57	70.0	13,600	13,600
20.0	62.5	30,000	24,475	6.10	62.5	13,600	11,100
25.0	54.4	27,725	18,425	7.62	54.4	12,570	8,350
30.0	45.3	21,750	14,450	9.14	45.3	9,860	6,550
35.0	34.5	17,500	11,625	10.67	34.5	7,930	5,270
40.0	18.6	14,300	9,500	12.19	18.6	6,480	4,300
42.0	0.0	13,175	8,750	12.80	0.0	5,970	3,960

API Maximum Overturning Moment (ft-lbs.)	1,600,825	API Maximum Overturning Moment (tonne-meter)	221.32
Corresponding Axial Force (lbs.)	129,425	Corresponding Axial Force (kgs.)	58,710
Maximum Axial Force (lbs.)	158,050	Maximum Axial Force (kgs.)	71,690
Corresponding Moment (ft-lbs.)	1,309,050	Corresponding Moment (tonne-meter)	180.98
Basic Crane Weight (lbs.)	25,050	Basic Crane Weight (kgs.)	11,375
Center of Gravity (ft)	11.68	Center of Gravity (m)	3.56

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.