

T7-30-40
Nominal Rating: 3 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)
3.9	82.5	7,000	7,000	1.20	82.5	3,175	3,175
5.0	80.4	7,000	7,000	1.52	80.4	3,175	3,175
10.0	70.5	7,000	7,000	3.05	70.5	3,175	3,175
15.0	60.0	6,900	4,580	4.57	60.0	3,130	2,075
20.0	48.2	4,710	3,130	6.10	48.2	2,135	1,420
25.0	33.6	3,400	2,260	7.62	33.6	1,540	1,025
30.0	0.0	2,520	1,670	9.15	0.0	1,140	755

API Maximum Overturning Moment (ft-lbs.)	244,300	API Maximum Overturning Moment (tonne-meter)	33.78
Corresponding Axial Force (lbs.)	30,175	Corresponding Axial Force (kgs.)	13,685
Maximum Axial Force (lbs.)	36,520	Maximum Axial Force (kgs.)	16,565
Corresponding Moment (ft-lbs.)	153,880	Corresponding Moment (tonne-meter)	21.27
Basic Crane Weight (lbs.)	7,650	Basic Crane Weight (kgs.)	3,470
Center of Gravity (ft)	7.39	Center of Gravity (m)	2.25

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)
5.2	82.5	7,000	7,000	1.60	82.5	3,175	3,175
10.0	75.5	7,000	7,000	3.05	75.5	3,175	3,175
15.0	68.0	7,000	4,930	4.57	68.0	3,175	2,235
20.0	60.0	5,200	3,460	6.10	60.0	2,355	1,565
25.0	51.3	3,870	2,570	7.62	51.3	1,755	1,165
30.0	41.4	2,980	1,980	9.14	41.4	1,350	895
35.0	29.0	2,350	1,560	10.67	29.0	1,065	705
40.0	0.0	1,870	1,240	12.20	0.0	845	560

API Maximum Overturning Moment (ft-lbs.)	244,565	API Maximum Overturning Moment (tonne-meter)	33.81
Corresponding Axial Force (lbs.)	22,465	Corresponding Axial Force (kgs.)	10,190
Maximum Axial Force (lbs.)	36,520	Maximum Axial Force (kgs.)	16,565
Corresponding Moment (ft-lbs.)	159,285	Corresponding Moment (tonne-meter)	22.02
Basic Crane Weight (lbs.)	7,650	Basic Crane Weight (kgs.)	3,470
Center of Gravity (ft)	7.65	Center of Gravity (m)	2.33

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.