

**T25-25-40**  
**Nominal Rating: 12 Tons Maximum Lifting Capacity**  
**Rev 2.0**  
**Rev Date: 6/10/2015**  
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**FULLY RETRACTED**

**IMPERIAL UNITS**

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)
2.9	81.0	25,000	25,000
5.0	76.0	25,000	25,000
10.0	64.0	25,000	25,000
15.0	50.7	25,000	22,990
20.0	34.4	25,000	18,250
25.0	0.0	18,170	12,050

**METRIC UNITS**

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
0.88	81.0	11,340	11,340
1.52	76.0	11,340	11,340
3.05	64.0	11,340	11,340
4.57	50.7	11,340	10,425
6.10	34.4	11,340	8,275
7.62	0.0	8,240	5,465

API Maximum Overturning Moment (ft-lbs.)	1,235,100	API Maximum Overturning Moment (tonne-meter)	170.76
Corresponding Axial Force (lbs.)	71,000	Corresponding Axial Force (kgs.)	32,205
Maximum Axial Force (lbs.)	88,100	Maximum Axial Force (kgs.)	39,960
Corresponding Moment (ft-lbs.)	843,800	Corresponding Moment (tonne-meter)	116.66
Basic Crane Weight (lbs.)	16,100	Basic Crane Weight (kgs.)	7,300
Center of Gravity (ft)	7.73	Center of Gravity (m)	2.36

**FULLY EXTENDED**

**IMPERIAL UNITS**

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)
5.2	81.0	25,000	25,000
10.0	74.0	25,000	25,000
15.0	66.5	25,000	21,010
20.0	58.5	25,000	16,710
25.0	49.8	21,010	13,970
30.0	39.9	18,000	11,970
35.0	27.4	15,430	10,260
40.0	0.0	10,790	7,170

**METRIC UNITS**

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
1.58	81.0	11,340	11,340
3.05	74.0	11,340	11,340
4.57	66.5	11,340	9,530
6.10	58.5	11,340	7,580
7.62	49.8	9,530	6,335
9.14	39.9	8,165	5,425
10.67	27.4	6,995	4,650
12.19	0.0	4,890	3,250

API Maximum Overturning Moment (ft-lbs.)	1,239,880	API Maximum Overturning Moment (tonne-meter)	171.42
Corresponding Axial Force (lbs.)	46,950	Corresponding Axial Force (kgs.)	21,295
Maximum Axial Force (lbs.)	88,100	Maximum Axial Force (kgs.)	39,960
Corresponding Moment (ft-lbs.)	837,850	Corresponding Moment (tonne-meter)	115.84
Basic Crane Weight (lbs.)	16,100	Basic Crane Weight (kgs.)	7,300
Center of Gravity (ft)	10.08	Center of Gravity (m)	3.07

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.