

T80-62-82
Nominal Rating: 40 Tons Maximum Lifting Capacity
Rev 2.0
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IMPERIAL UNITS

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)
7.0	83.5	80,000	58,500
10.0	80.8	80,000	58,500
15.0	76.1	80,000	58,500
20.0	71.3	80,000	55,450
25.0	66.3	68,050	45,260
30.0	61.2	57,750	38,410
35.0	55.8	50,325	33,470
40.0	50.1	41,925	27,880
45.0	43.8	34,925	23,230
50.0	36.6	29,350	19,520
55.0	28.0	24,775	16,480
60.0	15.7	20,975	13,950
62.3	0.0	19,425	12,920

METRIC UNITS

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
2.14	83.5	24,380	17,830
3.05	80.8	24,380	17,830
4.57	76.1	24,380	17,830
6.10	71.3	24,380	16,900
7.62	66.3	20,740	13,795
9.14	61.2	17,600	11,705
10.67	55.8	15,335	10,200
12.19	50.1	12,775	8,495
13.72	43.8	10,645	7,080
15.24	36.6	8,945	5,950
16.76	28.0	7,550	5,020
18.29	15.7	6,390	4,250
18.99	0.0	5,920	3,935

API Maximum Overturning Moment (ft-lbs.)	4,262,630	API Maximum Overturning Moment (tonne-meter)	589.33
Corresponding Axial Force (lbs.)	159,050	Corresponding Axial Force (kgs.)	72,145
Maximum Axial Force (lbs.)	234,375	Maximum Axial Force (kgs.)	106,310
Corresponding Moment (ft-lbs.)	2,956,675	Corresponding Moment (tonne-meter)	408.78
Basic Crane Weight (lbs.)	58,375	Basic Crane Weight (kgs.)	17,795
Center of Gravity (ft)	22.54	Center of Gravity (m)	6.87

The published load chart was 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, environmental conditions, etc. The information provided in this document is intended for informational purposes only and is subject to change without notice.