

T20-34-60
Nominal Rating: 10 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)
5.2	81.2	20,000	13,300
10.0	72.9	20,000	13,300
15.0	63.8	20,000	13,300
20.0	54.0	17,650	11,740
25.0	42.7	13,100	8,710
30.0	28.1	10,070	6,700
34.0	0.0	8,290	5,510

METRIC UNITS

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
1.58	81.2	9,070	6,030
3.05	72.9	9,070	6,030
4.57	63.8	9,070	6,030
6.10	54.0	8,005	5,325
7.62	42.7	5,940	3,950
9.14	28.1	4,565	2,035
10.36	0.0	3,760	2,500

API Maximum Overturning Moment (ft-lbs.)	808,345	API Maximum Overturning Moment (tonne-meter)	111.76
Corresponding Axial Force (lbs.)	51,725	Corresponding Axial Force (kgs.)	23,463
Maximum Axial Force (lbs.)	56,415	Maximum Axial Force (kgs.)	25,590
Corresponding Moment (ft-lbs.)	676,590	Corresponding Moment (tonne-meter)	93.54
Basic Crane Weight (lbs.)	16,415	Basic Crane Weight (kgs.)	7,446
Center of Gravity (ft)	10.58	Center of Gravity (m)	3.22

FULLY EXTENDED

IMPERIAL UNITS

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)
9.2	81.2	20,000	13,300
10.0	80.4	20,000	13,300
15.0	75.5	20,000	13,300
20.0	70.5	17,890	11,900
25.0	65.4	13,350	8,880
30.0	60.0	10,330	6,860
35.0	54.3	8,160	5,430
40.0	48.2	6,540	4,350
45.0	41.4	5,280	3,510
50.0	33.6	4,270	2,840
55.0	23.6	3,450	2,290
60.0	0.0	2,760	1,830

METRIC UNITS

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
2.80	81.2	9,070	6,030
3.05	80.4	9,070	6,030
4.57	75.5	9,070	6,030
6.10	70.5	8,115	5,395
7.62	65.4	6,055	4,025
9.14	60.0	4,685	3,110
10.67	54.3	3,700	2,460
12.19	48.2	2,965	1,970
13.72	41.4	2,395	1,590
15.24	33.6	1,935	1,285
16.76	23.6	1,565	1,035
18.29	0.0	1,250	830

API Maximum Overturning Moment (ft-lbs.)	812,045	API Maximum Overturning Moment (tonne-meter)	112.27
Corresponding Axial Force (lbs.)	52,205	Corresponding Axial Force (kgs.)	23,680
Maximum Axial Force (lbs.)	56,415	Maximum Axial Force (kgs.)	25,590
Corresponding Moment (ft-lbs.)	672,150	Corresponding Moment (tonne-meter)	92.93
Basic Crane Weight (lbs.)	16,415	Basic Crane Weight (kgs.)	7,446
Center of Gravity (ft)	17.58	Center of Gravity (m)	5.36

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.