

F7-30
Nominal Rating: 3 Tons Maximum Lifting Capacity
Rev 2.0
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IMPERIAL UNITS

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)
3.9	82.5	7,000	7,000
5.0	80.4	7,000	7,000
10.0	70.5	7,000	7,000
15.0	60.0	7,000	5,150
20.0	48.2	5,560	3,690
25.0	33.6	4,240	2,820
30.0	0.0	3,360	2,240

METRIC UNITS

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
1.20	82.5	3,175	3,175
1.52	80.4	3,175	3,175
3.05	70.5	3,175	3,175
4.57	60.0	3,175	2,330
6.10	48.2	2,520	1,670
7.62	33.6	1,920	1,270
9.14	0.0	1,520	1,010

API Maximum Overturning Moment (ft-lbs.)	247,940
Corresponding Axial Force (lbs.)	19,800
Maximum Axial Force (lbs.)	33,590
Corresponding Moment (ft-lbs.)	151,600
Basic Crane Weight (lbs.)	4,290
Center of Gravity (ft)	7.13

API Maximum Overturning Moment (tonne-meter)	34.28
Corresponding Axial Force (kgs.)	8,980
Maximum Axial Force (kgs.)	15,230
Corresponding Moment (tonne-meter)	20.96
Basic Crane Weight (kgs.)	1,950
Center of Gravity (m)	2.17

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.