

F30-50
Nominal Rating: 15 Tons Maximum Lifting Capacity
Rev 2.0
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IMPERIAL UNITS

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)
8.5	80.2	30,000	20,720
10.0	78.5	30,000	20,720
15.0	72.6	30,000	20,720
20.0	66.6	30,000	20,720
25.0	60.2	29,690	19,740
30.0	53.4	23,900	15,890
35.0	45.9	19,770	13,140
40.0	37.3	16,670	11,080
45.0	26.5	14,250	9,480
50.0	6.1	12,320	8,190
50.3	0.0	12,230	8,130

METRIC UNITS

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
2.60	80.2	13,605	9,400
3.05	78.5	13,605	9,400
4.57	72.6	13,605	9,400
6.10	66.6	13,605	9,400
7.62	60.2	13,465	8,950
9.14	53.4	10,840	7,205
10.67	45.9	8,965	5,960
12.19	37.3	7,560	5,025
13.72	26.5	6,460	4,300
15.24	6.1	5,585	3,715
15.33	0.0	5,545	3,685

API Maximum Overturning Moment (ft-lbs.)	1,610,800	API Maximum Overturning Moment (tonne-meter)	222.70
Corresponding Axial Force (lbs.)	78,980	Corresponding Axial Force (kgs.)	35,825
Maximum Axial Force (lbs.)	81,930	Maximum Axial Force (kgs.)	37,165
Corresponding Moment (ft-lbs.)	1,347,580	Corresponding Moment (tonne-meter)	186.31
Basic Crane Weight (lbs.)	19,585	Basic Crane Weight (kgs.)	8,884
Center of Gravity (ft)	12.93	Center of Gravity (m)	3.94

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.