

F25-30
Nominal Rating: 12 Tons Maximum Lifting Capacity
Rev 2.0
Rev Date: 10/18/2013
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IMPERIAL UNITS

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)
3.0	84.0	25,000	25,000
5.0	80.4	25,000	25,000
10.0	70.5	25,000	25,000
15.0	60.0	25,000	21,530
20.0	48.2	23,580	15,720
25.0	33.6	18,350	12,230
30.0	0.0	14,860	9,910

METRIC UNITS

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
0.91	84.0	11,340	11,340
1.52	80.4	11,340	11,340
3.05	70.5	11,340	11,340
4.57	60.0	11,340	9,765
6.10	48.2	10,695	7,130
7.62	33.6	8,320	5,545
9.14	0.0	6,740	4,495

API Maximum Overturning Moment (ft-lbs.)	997,700	API Maximum Overturning Moment (tonne-meter)	137.94
Corresponding Axial Force (lbs.)	58,515	Corresponding Axial Force (kgs.)	26,540
Maximum Axial Force (lbs.)	61,350	Maximum Axial Force (kgs.)	27,830
Corresponding Moment (ft-lbs.)	166,560	Corresponding Moment (tonne-meter)	23.03
Basic Crane Weight (lbs.)	11,350	Basic Crane Weight (kgs.)	5,150
Center of Gravity (ft)	7.19	Center of Gravity (m)	2.19

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.