

**F10-40**  
**Nominal Rating: 5 Tons Maximum Lifting Capacity**  
**Rev 2.0**  
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**IMPERIAL UNITS**

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)
6.1	81.2	10,000	10,000
10.0	75.5	10,000	10,000
15.0	68.0	10,000	9,130
20.0	60.0	10,000	7,020
25.0	51.3	8,570	5,690
30.0	41.4	7,140	4,740
35.0	29.0	5,920	3,940
40.0	0.0	3,630	2,410

**METRIC UNITS**

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
1.9	81.2	4,535	4,535
3.0	75.5	4,535	4,535
4.6	68.0	4,535	4,140
6.1	60.0	4,535	3,180
7.6	51.3	3,885	2,580
9.1	41.4	3,235	2,150
10.7	29.0	2,685	1,785
12.2	0.0	1,645	1,090

API Maximum Overturning Moment (ft-lbs.)	502,025	API Maximum Overturning Moment (tonne-meter)	69.41
Corresponding Axial Force (lbs.)	27,035	Corresponding Axial Force (kgs.)	10,530
Maximum Axial Force (lbs.)	52,180	Maximum Axial Force (kgs.)	23,670
Corresponding Moment (ft-lbs.)	418,805	Corresponding Moment (tonne-meter)	57.90
Basic Crane Weight (lbs.)	12,755	Basic Crane Weight (kgs.)	5,785
Center of Gravity (ft)	7.69	Center of Gravity (m)	2.35

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.