

**F10-50**  
**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)
8.4	81.2	10,000	6,770
10.0	79.3	10,000	6,770
15.0	73.4	10,000	6,770
20.0	67.3	10,000	6,730
25.0	60.8	8,000	5,320
30.0	54.0	6,560	4,360
35.0	46.4	5,490	3,650
40.0	37.7	4,620	3,070
45.0	26.7	3,790	2,520
50.0	0.0	2,040	1,360

**METRIC UNITS**

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
2.55	81.2	4,535	3,070
3.05	79.3	4,535	3,070
4.57	73.4	4,535	3,070
6.10	67.3	4,535	3,050
7.62	60.8	3,625	2,410
9.14	54.0	2,975	1,975
10.67	46.4	2,490	1,655
12.19	37.7	2,095	1,390
13.72	26.7	1,715	1,140
15.24	0.0	925	615

API Maximum Overturning Moment (ft-lbs.)	462,740
Corresponding Axial Force (lbs.)	21,305
Maximum Axial Force (lbs.)	32,950
Corresponding Moment (ft-lbs.)	333,900
Basic Crane Weight (lbs.)	12,620
Center of Gravity (ft)	11.93

API Maximum Overturning Moment (tonne-meter)	63.98
Corresponding Axial Force (kgs.)	9,665
Maximum Axial Force (kgs.)	14,950
Corresponding Moment (tonne-meter)	46.16
Basic Crane Weight (kgs.)	5,725
Center of Gravity (m)	3.64

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.