

F5-30
Nominal Rating: 2 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	5,000	3,450
5.0	80.4	5,000	3,450
10.0	70.6	5,000	3,450
15.0	60.1	4,860	3,230
20.0	48.3	3,870	2,570
25.0	33.8	3,050	2,030
30.0	4.3	2,560	1,700
30.1	0.0	2,560	1,700

METRIC UNITS

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
1.20	82.5	2,265	1,565
1.52	80.4	2,265	1,565
3.05	70.6	2,265	1,565
4.57	60.1	2,200	1,465
6.10	48.3	1,755	1,165
7.62	33.8	1,380	920
9.14	4.3	1,160	770
9.17	0.0	1,160	770

API Maximum Overturning Moment (ft-lbs.)	177,800	API Maximum Overturning Moment (tonne-meter)	24.58
Corresponding Axial Force (lbs.)	8,755	Corresponding Axial Force (kgs.)	3,970
Maximum Axial Force (lbs.)	14,010	Maximum Axial Force (kgs.)	6,350
Corresponding Moment (ft-lbs.)	111,690	Corresponding Moment (tonne-meter)	15.44
Basic Crane Weight (lbs.)	3,620	Basic Crane Weight (kgs.)	1,645
Center of Gravity (ft)	6.43	Center of Gravity (m)	1.96

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.