

**F5-20**  
**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)
3.2	82.5	5,000	5,000
5.0	77.2	5,000	5,000
10.0	62.2	5,000	5,000
15.0	44.5	5,000	5,000
20.0	14.9	5,000	3,990
20.6	0.0	5,000	3,870

**METRIC UNITS**

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
0.96	82.5	2,265	2,265
1.52	77.2	2,265	2,265
3.05	62.2	2,265	2,265
4.57	44.5	2,265	2,265
6.10	14.9	2,265	1,810
6.27	0.0	2,265	1,755

API Maximum Overturning Moment (ft-lbs.)	252,775
Corresponding Axial Force (lbs.)	15,165
Maximum Axial Force (lbs.)	60,845
Corresponding Moment (ft-lbs.)	156,355
Basic Crane Weight (lbs.)	3,500
Center of Gravity (ft)	3.63

API Maximum Overturning Moment (tonne-meter)	34.95
Corresponding Axial Force (kgs.)	6,880
Maximum Axial Force (kgs.)	27,600
Corresponding Moment (tonne-meter)	21.62
Basic Crane Weight (kgs.)	1,590
Center of Gravity (m)	1.11

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.