

F7-20
Nominal Rating: 3 Tons Maximum Lifting Capacity

Rev 2.0

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IMPERIAL UNITS

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)
2.6	82.5	7,000	7,000
5.0	75.6	7,000	7,000
10.0	60.1	7,000	7,000
15.0	41.7	7,000	5,170
20.0	5.2	5,640	3,750
20.1	0.0	5,610	3,730

METRIC UNITS

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
0.80	82.5	3,175	3,175
1.52	75.6	3,175	3,175
3.05	60.1	3,175	3,175
4.57	41.7	3,175	2,345
6.10	5.2	2,550	1,700
6.12	0.0	2,545	1,690

API Maximum Overturning Moment (ft-lbs.)	249,040
Corresponding Axial Force (lbs.)	27,900
Maximum Axial Force (lbs.)	33,080
Corresponding Moment (ft-lbs.)	150,430
Basic Crane Weight (lbs.)	3,780
Center of Gravity (ft)	4.18

API Maximum Overturning Moment (tonne-meter)	34.43
Corresponding Axial Force (kgs.)	12,655
Maximum Axial Force (kgs.)	15,005
Corresponding Moment (tonne-meter)	20.80
Basic Crane Weight (kgs.)	1,715
Center of Gravity (m)	1.27

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.