

**F25-80**  
**Nominal Rating: 12 Tons Maximum Lifting Capacity**  
**Rev 2.0**  
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**IMPERIAL UNITS**

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)
13.4	80.4	25,000	18,780
15.0	79.2	25,000	18,590
20.0	75.5	24,250	16,130
25.0	71.8	21,380	14,220
30.0	67.9	19,090	12,690
35.0	64.0	17,220	11,450
40.0	60.0	15,160	10,080
45.0	55.7	13,430	8,930
50.0	51.3	12,010	7,980
55.0	46.5	10,800	7,180
60.0	41.3	9,730	6,470
65.0	35.6	8,750	5,820
70.0	28.8	7,780	5,170
75.0	20.2	6,680	4,440
79.9	0.0	4,040	2,690

**METRIC UNITS**

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
4.07	80.4	11,340	8,515
4.57	79.2	11,340	8,430
6.10	75.5	11,000	7,315
7.62	71.8	9,695	6,450
9.14	67.9	8,655	5,755
10.67	64.0	7,810	5,190
12.19	60.0	6,875	4,570
13.72	55.7	6,090	4,050
15.24	51.3	5,445	3,620
16.76	46.5	4,895	3,255
18.29	41.3	4,410	2,935
19.81	35.6	3,965	2,640
21.34	28.8	3,525	2,345
22.86	20.2	3,030	2,010
24.36	0.0	1,830	1,220

API Maximum Overturning Moment (ft-lbs.)	1,470,925	API Maximum Overturning Moment (tonne-meter)	203.36
Corresponding Axial Force (lbs.)	37,575	Corresponding Axial Force (kgs.)	17,045
Maximum Axial Force (lbs.)	74,610	Maximum Axial Force (kgs.)	33,845
Corresponding Moment (ft-lbs.)	818,900	Corresponding Moment (tonne-meter)	113.22
Basic Crane Weight (lbs.)	17,875	Basic Crane Weight (kgs.)	8,110
Center of Gravity (ft)	21.46	Center of Gravity (m)	6.54

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.