

# F25

## Load Capacity By Boom Length



US UNITS: BOOM LENGTH = 25 Feet				US UNITS: BOOM LENGTH = 30 Feet				US UNITS: BOOM LENGTH = 40 Feet				US UNITS: BOOM LENGTH = 50 Feet				US UNITS: BOOM LENGTH = 60 Feet				US UNITS: BOOM LENGTH = 65 Feet						
REACH (ft)	ANGLE (deg)	ONBOARD LOAD (STATIC) lbs	OFFBOARD LOAD (DYNAMIC) lbs	REACH (ft)	ANGLE (deg)	ONBOARD LOAD (STATIC) lbs	OFFBOARD LOAD (DYNAMIC) lbs	REACH (ft)	ANGLE (deg)	ONBOARD LOAD (STATIC) lbs	OFFBOARD LOAD (DYNAMIC) lbs	REACH (ft)	ANGLE (deg)	ONBOARD LOAD (STATIC) lbs	OFFBOARD LOAD (DYNAMIC) lbs	REACH (ft)	ANGLE (deg)	ONBOARD LOAD (STATIC) lbs	OFFBOARD LOAD (DYNAMIC) lbs	REACH (ft)	ANGLE (deg)	ONBOARD LOAD (STATIC) lbs	OFFBOARD LOAD (DYNAMIC) lbs			
4.1	80.6	30,000	18,136	3	84.3	30,000	18,136	6	81.4	30,000	18,136	8	80.8	30,000	18,136	9	81.4	30,000	18,136	10	81.2	30,000	18,136			
5	78.5	30,000	18,136	5	80.4	30,000	18,136	10	75.6	30,000	18,136	10	78.5	30,000	18,136	10	80.4	30,000	18,136	15	76.7	28,770	17,393			
10	66.5	30,000	18,136	10	70.6	30,000	18,136	15	68.0	30,000	18,136	15	72.6	27,900	16,867	15	75.6	25,100	15,174	20	72.1	24,010	14,515			
15	53.2	30,000	18,136	15	60.0	27,300	16,504	20	60.0	26,770	16,184	20	66.5	22,330	13,500	20	70.6	22,756	13,757	25	67.4	22,020	13,312			
20	36.9	27,860	16,843	20	48.2	23,580	14,255	25	51.3	19,678	11,896	25	60.0	16,880	10,205	25	65.4	18,261	11,040	30	62.5	17,930	10,840			
25	0.0	21,320	12,889	25	33.6	18,350	11,093	30	41.4	15,852	9,583	30	53.2	14,330	8,663	30	60.0	14,666	8,866	35	57.5	14,350	8,675			
				30	0.0	14,860	8,984	35	29.0	13,119	7,931	35	45.6	12,110	7,321	35	54.3	12,099	7,314	40	52.0	11,780	7,122			
								40	0.0	9,769	5,906	40	36.9	10,360	6,263	40	48.2	10,173	6,150	45	46.2	9,850	5,955			
												45	25.9	8,510	5,145	45	41.4	8,675	5,244	50	39.7	8,350	5,048			
												50	0.0	6,600	3,990	50	33.6	7,477	4,520	55	32.2	7,150	4,323			
																			55	23.6	6,497	3,928	60	22.6	6,160	3,724
																			60	0.0	5,680	3,434	65	0.0	4,830	2,920

  

SI UNITS BOOM LENGTH = 7.6 Meters				SI UNITS BOOM LENGTH = 9 Meters				SI UNITS BOOM LENGTH = 12 Meters				SI UNITS BOOM LENGTH = 15 Meters				SI UNITS BOOM LENGTH = 18 Meters				SI UNITS BOOM LENGTH = 19.8 Meters						
REACH (m)	ANGLE (deg)	ONBOARD LOAD (STATIC) Kg	OFFBOARD LOAD (DYNAMIC) Kg	REACH (m)	ANGLE (deg)	ONBOARD LOAD (STATIC) Kg	OFFBOARD LOAD (DYNAMIC) Kg	REACH (m)	ANGLE (deg)	ONBOARD LOAD (STATIC) Kg	OFFBOARD LOAD (DYNAMIC) Kg	REACH (m)	ANGLE (deg)	ONBOARD LOAD (STATIC) Kg	OFFBOARD LOAD (DYNAMIC) Kg	REACH (m)	ANGLE (deg)	ONBOARD LOAD (STATIC) Kg	OFFBOARD LOAD (DYNAMIC) Kg	REACH (m)	ANGLE (deg)	ONBOARD LOAD (STATIC) Kg	OFFBOARD LOAD (DYNAMIC) Kg			
1.3	80.6	13,636	8,244	0.9	84.3	13,636	8,244	1.8	81.4	13,636	8,244	2.4	80.8	13,636	8,244	2.7	81.4	13,636	8,244	3.0	81.2	13,636	8,244			
1.5	78.5	13,636	8,244	1.5	80.4	13,636	8,244	3.0	75.6	13,636	8,244	3.0	78.5	13,636	8,244	3.0	80.4	13,636	8,244	4.6	76.7	13,077	7,906			
3.0	66.5	13,636	8,244	3.0	70.6	13,636	8,244	4.6	68.0	13,636	8,244	4.6	72.6	12,682	7,667	4.6	75.6	11,409	6,897	6.1	72.1	10,914	6,598			
4.6	53.2	13,636	8,244	4.6	60.0	12,409	7,502	6.1	60.0	12,168	7,356	6.1	66.5	10,150	6,136	6.1	70.6	10,344	6,253	7.6	67.4	10,009	6,051			
6.1	36.9	12,664	7,656	6.1	48.2	10,718	6,480	7.6	51.3	8,945	5,407	7.6	60.0	7,673	4,639	7.6	65.4	8,300	5,018	9.1	62.5	8,150	4,927			
7.6	0.0	9,691	5,859	7.6	33.6	8,341	5,042	9.1	41.4	7,205	4,356	9.1	53.2	6,514	3,938	9.1	60.0	6,666	4,030	10.7	57.5	6,523	3,943			
0.0				9.1	0.0	6,755	4,083	10.7	29.0	5,963	3,605	10.7	45.6	5,505	3,328	10.7	54.3	5,500	3,325	12.2	52.0	5,355	3,237			
0.0								12.2	0.0	4,440	2,684	12.2	36.9	4,709	2,847	12.2	48.2	4,624	2,795	13.7	46.2	4,477	2,707			
0.0												13.7	25.9	3,868	2,338	13.7	41.4	3,943	2,384	15.2	39.7	3,795	2,295			
0.0												15.2	0.0	3,000	1,814	15.2	33.6	3,399	2,055	16.8	32.2	3,250	1,965			
0.0																			16.8	23.6	2,953	1,785	18.3	22.6	2,800	1,693
0.0																			18.3	0.0	2,582	1,561	19.8	0.0	2,195	1,327

LOAD CHART CREATOR: DSHAD 12/2018 rev1.0 - Values listed subject to change without notice. - Values reflect structural capacities and may vary with configuration via client specification. Offboard denotes a default CV=2. Sea State Load Charts are available by request and in conjunction with client supplied vessel data.

Designed and Manufactured  
under the controls set forth

by



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