

T7

Load Capacity By Boom Length



MODEL T7-11-23				MODEL T7-19-31				MODEL T7-30-40																			
US UNITS: RETRACTED BOOM LENGTH: 11 (ft)				US UNITS: EXTENDED BOOM LENGTH: 23 (ft)				US UNITS: RETRACTED BOOM LENGTH: 19 (ft)				US UNITS: EXTENDED BOOM LENGTH: 31 (ft)				US UNITS: RETRACTED BOOM LENGTH: 30 (ft)				US UNITS: EXTENDED BOOM LENGTH: 40 (ft)							
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	REACH (ft)	ANGLE (deg)	ONBOARD LOAD (STATIC) lbs	OFFBOARD LOAD (DYNAMIC) lbs
1.9	80.1	8,400	5,586	4	80.0	8,400	5,586	3.1	80.7	8,400	5,586	5	80.8	8,400	5,586	4.8	80.8	8,400	5,586	6.5	80.7	8,400	5,586				
5	63.0	8,400	5,586	5	77.5	8,400	5,586	5	74.8	8,400	5,586	10	71.2	7,850	5,220	5	80.4	8,400	5,586	10	75.6	7,780	5,174				
10	24.6	5,280	3,511	10	64.3	6,400	4,256	10	58.3	8,400	5,586	15	61.1	6,040	4,017	10	70.6	7,560	5,027	15	68.0	7,010	4,662				
11	0.0	3,190	2,121	15	49.3	4,140	2,753	15	37.9	7,600	5,054	20	49.8	4,840	3,219	15	60.0	6,900	4,589	20	60.0	6,100	4,057				
				20	29.6	3,431	2,282	19	0.0	5,340	3,551	25	36.3	3,870	2,574	20	48.2	4,710	3,132	25	51.3	5,050	3,358				
				23	0.0	1,900	1,264					30	14.6	3,230	2,148	25	33.6	3,400	2,261	30	41.4	3,300	2,195				
												31	0.0	2,488	1,655	30	0.0	2,520	1,676	35	29.0	2,350	1,563				
																			40	0.0	1,870	1,244					

SI UNITS RETRACTED BOOM LENGTH = 3 Meters				SI UNITS EXTENDED BOOM LENGTH = 7 Meters				SI UNITS RETRACTED BOOM LENGTH = 5.8 Meters				SI UNITS EXTENDED BOOM LENGTH = ## Meters				SI UNITS RETRACTED BOOM LENGTH = ## Meters				SI UNITS EXTENDED BOOM LENGTH = ## 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	REACH (m)	ANGLE (deg)	ONBOARD LOAD (STATIC) Kg	OFFBOARD LOAD (DYNAMIC) Kg
0.6	80.1	3,818	2,539	1.2	80.0	3,818	2,539	0.9	80.7	3,818	2,539	1.5	80.8	3,818	2,539	1.5	80.8	3,818	2,539	2.0	80.7	3,818	2,539				
1.5	63.0	3,818	2,539	1.5	77.5	3,818	2,539	1.5	74.8	3,818	2,539	3.0	71.2	3,568	2,373	1.5	80.4	3,818	2,539	3.0	75.6	3,536	2,352				
3.0	24.6	2,400	1,596	3.0	64.3	2,909	1,935	3.0	58.3	3,818	2,539	4.6	61.1	2,745	1,826	3.0	70.6	3,436	2,285	4.6	68.0	3,186	2,119				
3.4	0.0	1,450	964	4.6	49.3	1,882	1,251	4.6	37.9	3,455	2,297	6.1	49.8	2,200	1,463	4.6	60.0	3,136	2,086	6.1	60.0	2,773	1,844				
				6.1	29.6	1,560	1,037	5.8	0.0	2,427	1,614	7.6	36.3	1,759	1,170	6.1	48.2	2,141	1,424	7.6	51.3	2,295	1,526				
				7.0	0.0	864	574					9.1	14.6	1,468	976	7.6	33.6	1,545	1,028	9.1	41.4	1,500	998				
												9.5	0.0	1,131	752	9.1	0.0	1,145	762	10.7	29.0	1,068	710				
																			12.2	0.0	850	565					

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



2C-0067

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