

T10

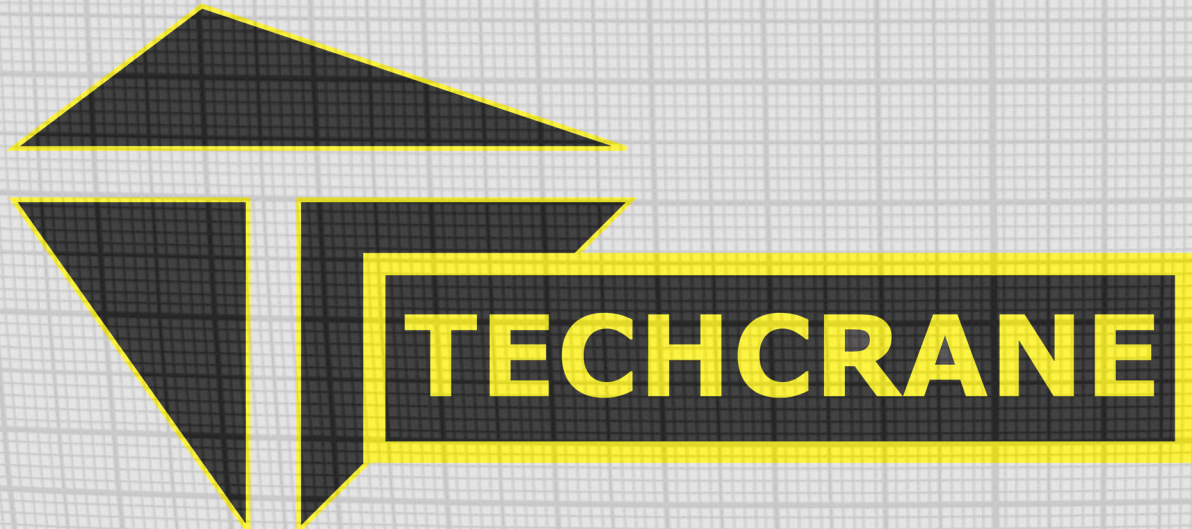
Load Capacity By Boom Length

MODEL T10-19-30				MODEL T10-24-40				MODEL T10-33-60																			
US UNITS: RETRACTED BOOM LENGTH: 19 (ft)				US UNITS: EXTENDED BOOM LENGTH: 30 (ft)				US UNITS: RETRACTED BOOM LENGTH: 24 (ft)				US UNITS: EXTENDED BOOM LENGTH: 40 (ft)				US UNITS: RETRACTED BOOM LENGTH: 33 (ft)				US UNITS: EXTENDED BOOM LENGTH: 60 (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
5	74.8	12,000	7,980	7.9	74.8	12,000	7,980	6.3	74.8	12,000	7,980	6	81.4	12,000	7,980	7	77.8	12,000	7,980	9	81.4	12,000	7,980				
10	58.3	12,000	7,980	10	70.6	10,400	6,916	10	65.4	12,000	7,980	10	72.4	9,620	6,397	10	80.4	10,980	7,302	10	80.4	10,980	7,302				
15	37.9	10,890	7,242	15	60.0	9,500	6,318	15	51.3	9,750	6,484	15	68.0	10,010	6,657	15	75.6	9,750	6,484	15	75.6	9,750	6,484				
19	0.0	8,500	5,653	20	48.2	8,500	5,653	20	33.6	8,800	5,852	20	60.0	9,700	6,451	20	70.6	8,140	5,413	20	70.6	8,140	5,413				
				25	33.6	7,500	4,988	25	0.0	6,913	4,597	25	51.3	7,438	4,946	25	65.4	7,250	4,821	25	65.4	7,250	4,821				
				30	0.0	5,700	3,791	30				30	41.4	6,125	4,073	30	60.0	6,046	4,021	30	60.0	6,046	4,021				
													35	29.0	5,075	3,375	35	54.3	5,742	3,818	35	54.3	5,742	3,818			
													40	0.0	3,013	2,004	40	48.2	4,764	3,168	40	48.2	4,764	3,168			
																	45	41.4	3,807	2,532	45	41.4	3,807	2,532			
																	50	33.6	3,006	1,999	50	33.6	3,006	1,999			
																	55	23.6	2,125	1,413	55	23.6	2,125	1,413			
																	60	0.0	1,046	696	60	0.0	1,046	696			

SI UNITS RETRACTED BOOM LENGTH = 5.8 Meters				SI UNITS EXTENDED BOOM LENGTH = 9 Meters				SI UNITS RETRACTED BOOM LENGTH = 7 Meters				SI UNITS EXTENDED BOOM LENGTH = 12 Meters				SI UNITS RETRACTED BOOM LENGTH = 10 Meters				SI UNITS EXTENDED BOOM LENGTH = 18.3 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
1.5	74.8	5,455	3,627	2.4	74.8	5,455	3,627	1.9	74.8	5,455	3,627	1.8	81.4	5,455	3,627	2.1	77.8	5,455	3,627	2.7	81.4	5,455	3,627				
3.0	58.3	5,455	3,627	3.0	70.6	4,727	3,144	3.0	65.4	5,455	3,627	3.0	75.6	5,455	3,627	3.0	72.4	4,373	2,908	3.0	80.4	4,991	3,319				
4.6	37.9	4,950	3,292	4.6	60.0	4,318	2,872	4.6	51.3	4,432	2,947	4.6	68.0	4,550	3,026	4.6	63.0	3,750	2,494	4.6	75.6	4,432	2,947				
5.8	0.0	3,864	2,569	6.1	48.2	3,864	2,569	6.1	33.6	4,000	2,660	6.1	60.0	4,409	2,932	6.1	52.7	3,595	2,391	6.1	70.6	3,700	2,461				
				7.6	33.6	3,409	2,267	7.3	0.0	3,142	2,090	7.6	51.3	3,381	2,248	7.6	40.8	3,235	2,152	7.6	65.4	3,295	2,191				
				9.1	0.0	2,591	1,723					9.1	41.4	2,784	1,851	9.1	24.6	2,470	1,642	9.1	60.0	2,748	1,828				
													10.7	29.0	2,307	1,534	10.7	0.0	1,635	1,088	10.7	54.3	2,610	1,736			
													12.2	0.0	1,370	911					12.2	48.2	2,165	1,440			
																					13.7	41.4	1,730	1,151			
																					15.2	33.6	1,366	909			
																					16.8	23.6	966	642			
																					18.3	0.0	475	316			

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



Techcrane Designs
Previously Approved By

