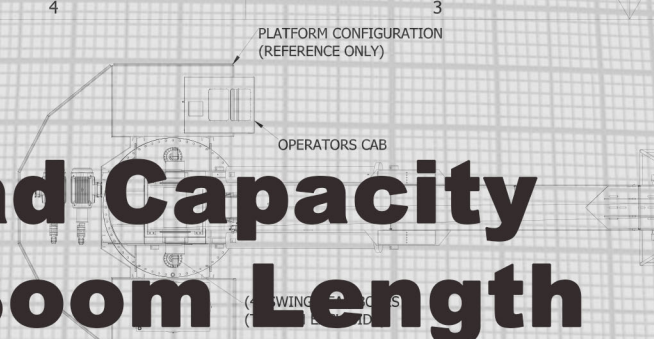


# T250 Load Capacity By Boom Length



MODEL T250-70-130				MODEL T250-100-150											
US UNITS: RETRACTED BOOM LENGTH: 70 (ft)				US UNITS: EXTENDED BOOM LENGTH: 130 (ft)				US UNITS: RETRACTED BOOM LENGTH: 105 (ft)				US UNITS: EXTENDED BOOM LENGTH: 150 (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
13	79.3	286,000	190,190	24	79.4	257,420	171,185	20	79.4	275,590	183,267	35	76.5	204,302	135,861
15	77.7	286,000	190,190	25	79.0	229,294	152,480	25	75.0	262,617	174,640	40	74.6	181,979	121,016
20	73.4	268,926	178,836	30	76.7	205,822	136,872	30	71.1	225,788	150,149	45	72.6	163,351	108,629
25	69.1	259,453	172,537	35	74.4	185,942	123,651	35	68.3	197,238	131,163	50	70.6	147,573	98,136
30	64.7	258,704	172,038	40	72.1	168,880	112,305	40	65.4	174,456	116,013	55	68.5	134,032	89,131
35	60.0	229,830	152,837	45	69.8	154,081	102,464	45	62.5	155,852	103,642	60	66.5	122,287	81,321
40	55.2	206,212	137,131	50	67.4	141,120	93,845	50	59.4	140,377	93,351	65	64.4	112,000	74,480
45	50.0	186,546	124,053	55	65.0	129,671	86,231	55	56.3	127,298	84,653	70	62.2	102,913	68,437
50	44.4	168,108	111,792	60	62.5	119,486	79,458	60	53.0	116,104	77,209	75	60.0	94,830	63,062
55	38.2	151,649	100,846	65	60.0	110,366	73,394	65	49.6	106,413	70,765	80	57.8	87,592	58,249
60	31.0	136,659	90,878	70	57.5	102,152	67,931	70	46.0	97,941	65,131	85	55.5	81,073	53,913
65	21.8	121,773	80,979	75	54.8	94,716	62,986	75	42.2	90,474	60,165	90	53.2	75,171	49,989
70	0.0	103,481	68,815	80	52.0	87,947	58,485	80	38.1	83,845	55,757	95	50.7	69,799	46,416
				85	49.2	81,765	54,373	85	33.6	77,919	51,816	100	48.2	64,893	43,154
				90	46.2	76,096	50,604	90	28.4	72,596	48,276	105	45.6	60,394	40,162
				95	43.1	70,874	47,131	95	22.2	65,782	43,745	110	42.9	56,249	37,406
				100	39.7	66,054	43,926	100	13.5	58,494	38,898	115	40.0	52,424	34,862
				105	36.1	61,591	40,958	105	0.0	51,975	34,563	120	36.9	48,881	32,506
				110	32.2	57,441	38,198					125	33.6	45,588	30,316
				115	27.8	53,582	35,632					130	29.9	42,525	28,279
				120	22.6	49,080	32,638					135	25.9	38,952	25,903
				125	16.0	42,800	28,462					140	21.1	33,968	22,589
				130	0.0	37,002	24,606					145	14.8	29,367	19,529
												150	0.0	21,148	14,063

SI UNITS RETRACTED BOOM LENGTH = 21 Meters				SI UNITS EXTENDED BOOM LENGTH = 39.6 Meters				SI UNITS RETRACTED BOOM LENGTH = 32 Meters				SI UNITS EXTENDED BOOM LENGTH = 45 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
4.0	79.3	130,000	86,450	7.3	79.4	117,009	77,811	6.1	79.4	125,268	83,303	10.7	76.5	92,865	61,755
4.6	77.7	130,000	86,450	7.6	79.0	104,224	69,309	7.6	75.0	119,371	79,382	12.2	74.6	82,718	55,007
6.1	73.4	122,239	81,289	9.1	76.7	93,556	62,215	9.1	71.1	102,631	68,250	13.7	72.6	74,251	49,377
7.6	69.1	117,933	78,426	10.7	74.4	84,519	56,205	10.7	68.3	89,654	59,620	15.2	70.6	67,079	44,607
9.1	64.7	117,593	78,199	12.2	72.1	76,764	51,048	12.2	65.4	79,298	52,733	16.8	68.5	60,924	40,514
10.7	60.0	104,468	69,471	13.7	69.8	70,037	46,575	13.7	62.5	70,842	47,110	18.3	66.5	55,585	36,964
12.2	55.2	93,733	62,332	15.2	67.4	64,145	42,657	15.2	59.4	63,808	42,432	19.8	64.4	50,909	33,855
13.7	50.0	84,794	56,388	16.8	65.0	58,941	39,196	16.8	56.3	57,863	38,479	21.3	62.2	46,779	31,108
15.2	44.4	76,413	50,814	18.3	62.5	54,312	36,117	18.3	53.0	52,774	35,095	22.9	60.0	43,105	28,665
16.8	38.2	68,931	45,839	19.8	60.0	50,167	33,361	19.8	49.6	48,369	32,166	24.4	57.8	39,815	26,477
18.3	31.0	62,118	41,308	21.3	57.5	46,433	30,878	21.3	46.0	44,519	29,605	25.9	55.5	36,851	24,506
19.8	21.8	55,351	36,809	22.9	54.8	43,053	28,630	22.9	42.2	41,124	27,348	27.4	53.2	34,169	22,722
21.3	0.0	47,037	31,279	24.4	52.0	39,976	26,584	24.4	38.1	38,111	25,344	29.0	50.7	31,727	21,098
				25.9	49.2	37,166	24,715	25.9	33.6	35,418	23,553	30.5	48.2	29,497	19,615
				27.4	46.2	34,589	23,002	27.4	28.4	32,998	21,944	32.0	45.6	27,452	18,255
				29.0	43.1	32,216	21,423	29.0	22.2	29,901	19,884	33.5	42.9	25,568	17,003
				30.5	39.7	30,025	19,966	30.5	13.5	26,588	17,681	35.1	40.0	23,829	15,846
				32.0	36.1	27,996	18,617	32.0	0.0	23,625	15,711	36.6	36.9	22,219	14,776
				33.5	32.2	26,110	17,363					38.1	33.6	20,722	13,780
				35.1	27.8	24,355	16,196					39.6	29.9	19,330	12,854
				36.6	22.6	22,309	14,835					41.2	25.9	17,706	11,774
				38.1	16.0	19,454	12,937					42.7	21.1	15,440	10,268
				39.6	0.0	16,819	11,185					44.2	14.8	13,348	8,877
												45.7	0.0	9,613	6,392

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. See State Load Charts are available by request and in conjunction with client supplied vessel data.

EXTENDED

F. Shad

BAYLIS

N/A

MATERIAL: N/A

DATE: 8/31/2017

SHEET 1 OF 1

TECHCRANE INTERNATIONAL, LLC.

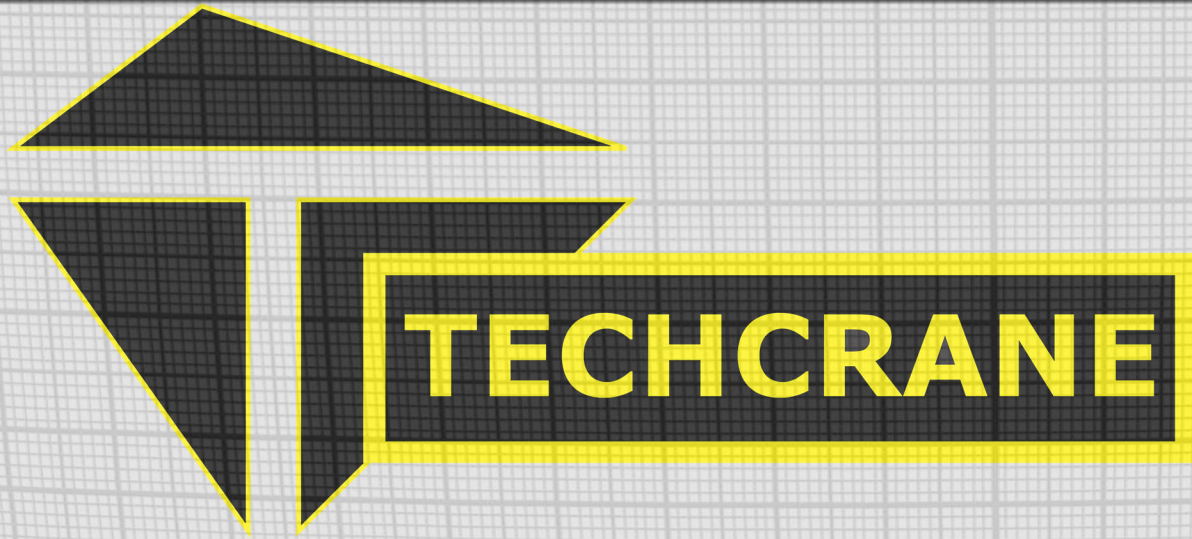
17639 HARD HAT DRIVE COVINGTON, LA 70435 U.S.A.

PHONE (985) 871-0056 FAX (985) 871-0055

T200-58-100 GENERAL ARRANGEMENT

REVISION NO.: 2.0

Designed and Manufactured under the controls set forth by



Techcrane Designs Previously Approved By

