

LOAD CHART

TITAN 16000HC
90' BOOM
S/N216-8178-90D

BLOCK WEIGHT = 3,000 LBS

L/B JUAN

BOOM ANGLE (degree)	RADIUS OF LOAD (feet)	STRUCTURAL RATING		MAIN HOIST(8-PART)		MAIN HOIST(4-PART)		AUXILIARY HOIST	
		STATIC (pounds)	DYNAMIC (pounds)	STATIC (pounds)	DYNAMIC (pounds)	STATIC (pounds)	DYNAMIC (pounds)	STATIC (pounds)	DYNAMIC (pounds)
82	MIN.	198,725	132,485	195,725	129,485	100,500	100,500	11,000	11,000
79	25	195,475	130,315	192,475	127,315	100,500	100,500	11,000	11,000
76	30	192,905	128,600	189,905	125,600	100,500	100,500	11,000	11,000
72	35	190,860	127,240	187,860	124,240	100,500	100,500	11,000	11,000
69	40	169,835	113,225	166,835	110,225	100,500	100,500	11,000	11,000
65	45	150,960	100,640	147,960	97,640	100,500	97,640	11,000	11,000
62	50	135,690	90,460	132,690	87,460	100,500	87,460	11,000	11,000
58	55	123,080	82,055	120,080	79,055	100,500	79,055	11,000	11,000
54	60	112,490	74,995	109,490	71,995	100,500	71,995	11,000	11,000
50	65	103,470	68,980	100,470	65,980	100,470	65,980	11,000	11,000
46	70	95,690	63,795	92,690	60,795	92,690	60,795	11,000	11,000
41	75	88,915	59,275	85,915	56,275	85,915	56,275	11,000	11,000
36	80	82,955	55,305	79,955	52,305	79,955	52,305	11,000	11,000
30	85	77,670	51,780	74,670	48,780	74,670	48,780	11,000	11,000
22	90	72,950	48,635	69,950	45,635	69,950	45,635	11,000	11,000
10	95	68,690	45,795	65,690	42,795	65,690	42,795	11,000	11,000
HORIZ.	MAX	65,185	43,460	62,185	40,460	62,185	40,460	11,000	11,000

CAPACITIES SHOWN ABOVE INCLUDE THE WEIGHT OF HOOK & BLOCK.
 DYNAMIC CAPACITIES CALCULATED WITH A DYNAMIC COEFFICIENT (Cb) = 2.0
 USE STATIC CAPACITIES FOR LIFTING FROM OR LANDING ON THE PLATFORM.
 USE DYNAMIC CAPACITIES FOR LIFTING FROM OR LANDING ON FLOATING VESSELS.
 MAIN HOIST = CH400A-SPL-99120-21-1 W/ 1,650' OF 1&1/8" DYFORM-18HSLR WIRE ROPE
 AUXILIARY HOIST = CH150A-23120-01-1 W/ 310' OF 3/4" DYFORM-18 HSLR WIRE ROPE
 BOOM HOIST = CH240A-53120-01-1 W/ 1,055' OF 7/8" 6 X 19 EEIPS-IWRC

WARNING

OPERATION OF THIS CRANE BY UNQUALIFIED PERSONNEL IS STRICTLY PROHIBITED

TITAN INDUSTRIES, INC