

JIB LIFTING CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600**SERIES - 3**

**JIB NO. 122A WITH 18'9" STRUT ON NO. 27 BOOM
WITH OPEN THROAT TOP OFFSET 4-1/2 DEGREES**

20 DEGREE JIB OFFSET ANGLE

Chart supplements boom capacity chart No. 6722-B. Capacities are for freely suspended loads based on tipping, strength of structural components or other factors. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, as well as adverse operating conditions & physical machine depreciation.

Capacities do not exceed **75%** of static tipping loads with machine on firm level surface. Capacities based on structural competence are denoted by shaded areas. Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Weight of all load blocks, hooks, weight ball, slings, etc., including those on main boom is considered part of the jib load. Maximum capacity on 1-1/4" — 6x31 ExIPS, IWRC is 40,000 lbs./line.

40 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS												JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET												
		120	130	140	150	160	170	180	190	200	210	220	230	
	55	57,500	58,600	59,500	60,300	58,700	59,500	60,200						55
	60	54,900	56,000	57,000	57,900	58,700	59,500	60,200						60
	65	52,500	53,600	54,700	55,600	56,500	57,300	58,100	58,800	59,500	60,100			65
	70	50,400	51,500	52,600	53,600	54,500	55,300	56,100	56,900	57,600	58,300	58,900	59,500	70
	75	48,400	49,600	50,700	51,700	52,600	53,500	54,300	55,100	55,800	56,500	57,200	57,800	75
	80	46,600	47,800	48,900	49,900	50,900	51,800	52,600	53,400	54,200	54,900	55,600	56,200	80
	85	45,000	46,200	47,300	48,300	49,300	50,200	50,800	51,500	52,200	52,900	53,600	54,200	85
90	43,500	44,700	45,800	46,800	47,700	48,600	49,300	50,000	50,700	51,400	52,100	52,800	90	
95	42,100	43,300	44,400	45,400	46,300	47,200	48,000	48,700	49,400	50,100	50,800	51,500	95	
100	40,800	42,000	43,100	44,100	45,000	45,900	46,600	47,300	48,000	48,700	49,400	50,100	100	
105	39,700	40,900	42,000	43,000	43,900	44,800	45,500	46,200	46,900	47,600	48,300	49,000	105	
110	37,200	38,400	39,500	40,500	41,400	42,300	43,000	43,700	44,400	45,100	45,800	46,500	110	
115		34,100	35,200	36,200	37,100	38,000	38,800	39,500	40,200	40,900	41,600	42,300	115	
120			31,300	32,300	33,200	34,100	34,900	35,600	36,300	37,000	37,700	38,400	120	
125				28,600	29,600	30,500	31,300	32,000	32,700	33,400	34,100	34,800	125	
130				26,700	27,600	28,400	29,100	29,800	30,500	31,200	31,900	32,600	130	
140						22,400	23,100	23,800	24,500	25,200	25,900	26,600	140	
150							21,800	22,500	23,200	23,900	24,600	25,300	150	
160								18,200	18,900	19,600	20,300	21,000	160	
170									17,900	18,600	19,300	20,000	170	

50 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS												JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET												
		120	130	140	150	160	170	180	190	200	210	220	230	
	60	45,800	46,500											60
	65	43,900	44,600	45,300	45,900	46,400								65
	70	42,100	42,900	43,600	44,200	44,800	45,400	45,900	46,400	46,900				70
	75	40,500	41,300	42,100	42,700	43,400	43,900	44,500	45,000	45,500				75
	80	39,100	39,900	40,600	41,300	42,000	42,600	43,200	43,700	44,200	44,700	45,100	45,600	80
	85	37,700	38,600	39,300	40,000	40,700	41,300	41,900	42,500	43,000	43,500	44,000	44,400	85
	90	36,500	37,300	38,100	38,800	39,500	40,200	40,800	41,300	41,900	42,400	42,900	43,300	90
95	35,400	36,200	37,000	37,700	38,400	39,100	39,700	40,300	40,800	41,300	41,800	42,300	95	
100	34,300	35,100	35,900	36,700	37,400	38,000	38,700	39,300	39,800	40,300	40,800	41,300	100	
105	33,300	34,200	35,000	35,700	36,400	37,100	37,700	38,300	38,800	39,300	39,800	40,300	105	
110	32,400	33,300	34,000	34,700	35,400	36,100	36,700	37,300	37,800	38,300	38,800	39,300	110	
115	31,600	32,400	33,200	33,900	34,600	35,300	36,000	36,700	37,300	37,800	38,300	38,800	115	
120		31,600	32,100	32,600	33,100	33,600	34,100	34,600	35,100	35,600	36,100	36,600	120	
125			30,000	30,500	31,000	31,500	32,000	32,500	33,000	33,500	34,000	34,500	125	
130				29,300	29,800	30,300	30,800	31,300	31,800	32,300	32,800	33,300	130	
135				27,400	27,900	28,400	28,900	29,400	29,900	30,400	30,900	31,400	135	
140						23,100	22,600	21,900	21,600	20,900	20,400	19,700	140	
150							19,700	19,000	18,600	18,000	17,400	16,800	150	
160								19,000	18,600	18,000	17,400	16,800	160	
170									16,100	15,400	14,900	14,200	170	
											12,600	11,900		