

JIB LIFTING CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600

SERIES-3

JIB NO. 122A WITH 18'9" STRUT ON
BOOM NO. 27 WITH OPEN THROAT TOP

10 DEGREE JIB OFFSET ANGLE

Chart supplements boom capacity chart No. 6722-A. 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 *	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	55 *
	60	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	79,800	79,300	78,600	60
	65	76,400	75,700	75,100	74,400	74,000	73,300	72,800	72,100	71,700	71,000	70,500	69,800	69,000	65
	70	69,100	68,400	67,800	67,000	66,700	66,000	65,400	64,700	64,300	63,600	63,100	62,400	61,600	70
	75	62,900	62,200	61,600	60,800	60,500	59,700	59,200	58,400	58,000	57,400	56,800	56,100	55,400	75
	80	57,600	56,800	56,200	55,400	55,100	54,400	53,800	53,000	52,700	52,000	51,400	50,700	50,000	80
	85	52,900	52,200	51,600	50,800	50,400	49,700	49,100	48,400	48,000	47,300	46,700	46,000	45,300	85
90	48,900	48,100	47,500	46,700	46,300	45,600	45,000	44,300	43,900	43,100	42,500	41,800	41,200	90	
95	45,300	44,500	43,900	43,100	42,700	42,000	41,400	40,600	40,200	39,500	38,900	38,200	37,600	95	
100	42,000	41,200	40,600	39,800	39,500	38,700	38,100	37,400	37,000	36,300	35,700	35,000	34,400	100	
110	36,600	35,800	35,100	34,300	34,000	33,200	32,600	31,900	31,500	30,700	30,100	29,400	28,800	110	
120	32,100	31,200	30,600	29,800	29,500	28,700	28,100	27,300	26,900	26,200	25,600	24,800	24,200	120	
130	28,300	27,500	26,800	26,000	25,700	24,900	24,300	23,500	23,100	22,400	21,800	21,000	20,400	130	
140			23,600	22,800	22,500	21,700	21,100	20,300	19,900	19,200	18,500	17,800	17,200	140	
150				20,100	19,700	18,900	18,300	17,500	17,100	16,400	15,800	15,000	14,400	150	
160					17,300	16,500	15,900	15,100	14,700	14,000	13,300	12,600	12,000	160	
170						14,400	13,800	13,000	12,600	11,900	11,200	10,500	9,900	170	
180								11,100	10,500	9,800	9,400	8,600	8,000	180	
190									9,100	8,300	7,700	6,900	6,300	190	
200										6,800	6,200	5,400	5,000	200	

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	
	45	80,000												45
	50	78,700	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	50
	55	73,500	75,600	77,600	79,500	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	55
	60	69,000	71,100	73,100	75,000	76,800	78,500	80,000	80,000	80,000	80,000	80,000	80,000	60
	65	65,100	67,100	69,100	71,000	72,800	74,500	74,000	73,400	73,000	72,400	71,900	71,300	65
	70	61,500	63,600	65,500	67,400	67,800	67,100	66,600	65,900	65,600	64,900	64,400	63,800	70
	75	58,400	60,400	62,300	61,800	61,500	60,800	60,200	59,600	59,200	58,600	58,000	57,400	75
80	55,500	57,500	57,100	56,400	56,000	55,300	54,800	54,100	53,700	53,100	52,500	51,900	80	
90	49,600	48,800	48,200	47,500	47,200	46,500	45,900	45,200	44,800	44,100	43,600	42,900	90	
100	42,700	41,900	41,300	40,600	40,200	39,500	38,900	38,200	37,800	37,200	36,600	35,900	100	
110	37,100	36,400	35,800	35,000	34,700	33,900	33,400	32,600	32,200	31,500	31,000	30,300	110	
120	32,600	31,800	31,200	30,400	30,100	29,400	28,800	28,000	27,600	26,900	26,300	25,600	120	
130	28,800	28,000	27,400	26,600	26,300	25,500	24,900	24,200	23,800	23,100	22,500	21,800	130	
140		24,700	24,100	23,400	23,000	22,300	21,700	20,900	20,500	19,800	19,200	18,500	140	
150			21,400	20,600	20,200	19,500	18,900	18,100	17,700	17,000	16,400	15,700	150	
160					17,800	17,000	16,400	15,700	15,300	14,500	13,900	13,200	160	
170						14,900	14,300	13,500	13,100	12,400	11,800	11,000	170	
180							12,400	11,600	11,200	10,500	9,900	9,100	180	
190								9,500	8,800	8,200	7,400	6,800	190	
200									7,300	6,700	5,900	5,000	200	

* These capacities apply for ALL lesser radii obtainable.