

JIB LIFTING CAPACITIESMEETS
ANSI B30.5
REQUIREMENTS**4600****SERIES-3****JIB NO. 122A WITH 18'9" STRUT ON
BOOM NO. 27 WITH OPEN THROAT TOP****3 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	79,300	78,900	78,200	77,500	76,800	60
65	75,500	74,700	74,000	73,200	72,800	72,100	71,400	70,700	70,200	69,500	68,900	68,100	67,500	65
70	68,300	67,400	66,800	66,000	65,600	64,800	64,200	63,400	63,000	62,300	61,600	60,900	60,300	70
75	62,200	61,300	60,700	59,800	59,500	58,700	58,000	57,300	56,800	56,100	55,500	54,700	54,000	75
80	56,900	56,000	55,400	54,600	54,200	53,400	52,800	52,000	51,500	50,800	50,200	49,400	48,700	80
85	52,300	51,500	50,800	50,000	49,600	48,800	48,200	47,400	46,900	46,200	45,500	44,800	44,100	85
90	48,300	47,400	46,800	45,900	45,600	44,800	44,100	43,300	42,900	42,100	41,500	40,700	40,000	90
100	41,600	40,700	40,000	39,200	38,800	38,000	37,400	36,600	36,100	35,400	34,700	34,000	33,300	100
110	36,100	35,300	34,600	33,800	33,400	32,600	31,900	31,100	30,700	29,900	29,300	28,500	27,800	110
120	31,700	30,800	30,200	29,300	29,000	28,100	27,500	26,700	26,300	25,500	24,800	24,100	23,400	120
130	28,000	27,100	26,500	25,600	25,200	24,400	23,800	23,000	22,500	21,800	21,100	20,300	19,600	130
140	24,900	24,000	23,300	22,500	22,100	21,300	20,600	19,800	19,400	18,600	18,000	17,200	16,500	140
150			20,600	19,800	19,400	18,600	17,900	17,100	16,700	15,900	15,200	14,500	13,800	150
160				17,400	17,000	16,200	15,600	14,700	14,300	13,500	12,900	12,100	11,400	160
170					15,000	14,200	13,500	12,700	12,300	11,500	10,800	10,000	9,300	170
180						12,300	11,700	10,900	10,400	9,600	9,000	8,200	7,500	180
190							10,100	9,200	8,800	8,000	7,400	6,600	5,900	190
200									7,400	6,600	5,900	5,100	4,400	200
210										5,300	4,600			210

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		
	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	80,000	80,000	80,000	60
	65	76,300	75,500	74,900	74,100	73,700	73,000	72,400	71,700	71,300	70,600	70,000	69,300	68,600	65
	70	69,000	68,200	67,600	66,800	66,400	65,700	65,100	64,400	64,000	63,300	62,700	61,900	61,200	70
	75	62,800	62,000	61,400	60,600	60,300	59,500	58,900	58,200	57,700	57,000	56,400	55,700	55,000	75
	80	57,500	56,700	56,100	55,300	54,900	54,200	53,600	52,800	52,400	51,700	51,100	50,300	49,600	80
	85	52,900	52,100	51,500	50,700	50,300	49,500	48,900	48,200	47,700	47,000	46,400	45,700	45,000	85
90	48,800	48,000	47,400	46,600	46,200	45,500	44,800	44,100	43,700	42,900	42,300	41,600	41,000	90	
100	42,100	41,300	40,600	39,800	39,400	38,700	38,000	37,300	36,800	36,100	35,500	34,700	34,000	100	
110	36,600	35,800	35,200	34,300	34,000	33,200	32,500	31,800	31,300	30,600	30,000	29,200	28,500	110	
120	32,200	31,300	30,700	29,900	29,500	28,700	28,100	27,300	26,800	26,100	25,500	24,700	24,000	120	
130	28,400	27,600	26,900	26,100	25,700	24,900	24,300	23,500	23,100	22,300	21,700	20,900	20,200	130	
140	25,200	24,400	23,800	22,900	22,500	21,800	21,100	20,300	19,900	19,100	18,500	17,700	17,000	140	
150		21,700	21,000	20,200	19,800	19,000	18,400	17,600	17,200	16,400	15,700	15,000	14,300	150	
160			18,600	17,800	17,400	16,600	16,000	15,200	14,800	14,000	13,400	12,600	11,900	160	
170				15,700	15,300	14,600	13,900	13,100	12,700	11,900	11,300	10,500	9,800	170	
180						12,700	12,100	11,300	10,800	10,100	9,400	8,600	8,000	180	
190							10,400	9,600	9,200	8,400	7,800	7,000	6,400	190	
200								8,100	7,700	6,900	6,300	5,500	4,900	200	
210									6,400	5,600	5,000	4,200	3,600	210	

* These capacities apply for ALL lesser radii obtainable.