

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

3 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 *	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	79,600	78,900	78,300	77,700	60
	65	75,800	75,100	74,500	73,700	73,300	72,600	72,000	71,300	70,900	70,200	69,600	68,900	65
	70	68,600	67,800	67,200	66,400	66,100	65,300	64,700	64,000	63,600	62,900	62,300	61,600	70
	75	62,400	61,600	61,000	60,200	59,900	59,100	58,500	57,800	57,400	56,700	56,100	55,300	75
	80	57,100	56,300	55,700	54,900	54,600	53,800	53,200	52,400	52,000	51,300	50,700	50,000	80
	85	52,500	51,700	51,100	50,300	49,900	49,200	48,600	47,800	47,400	46,700	46,100	45,300	85
	90	48,500	47,700	47,000	46,200	45,900	45,100	44,500	43,700	43,300	42,600	42,000	41,200	90
	95	44,900	44,100	43,500	42,700	42,300	41,500	40,900	40,100	39,700	39,000	38,400	37,600	95
	100	41,700	40,900	40,300	39,500	39,100	38,300	37,700	36,900	36,500	35,800	35,200	34,400	100
	110	36,300	35,500	34,800	34,000	33,600	32,900	32,200	31,500	31,000	30,300	29,700	28,900	110
	120	31,800	31,000	30,400	29,500	29,200	28,400	27,800	27,000	26,600	25,800	25,200	24,400	120
	130	28,100	27,300	26,600	25,800	25,400	24,600	24,000	23,200	22,800	22,000	21,400	20,600	130
	140		24,100	23,500	22,600	22,300	21,500	20,800	20,000	19,600	18,900	18,200	17,500	140
	150			20,700	19,900	19,500	18,700	18,100	17,300	16,900	16,100	15,500	14,700	150
	160				17,500	17,200	16,400	15,700	14,900	14,500	13,700	13,100	12,300	160
	170					15,100	14,300	13,600	12,800	12,400	11,700	11,000	10,200	170
	180							11,800	11,000	10,600	9,800	9,200	8,400	180
	190								9,300	8,900	8,200	7,500	6,700	190
	200									7,500	6,700	6,000	5,300	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	
	55 *	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	79,700		55 *
	60	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	79,700	70,200	60
	65	75,100	75,900	75,400	74,700	74,300	73,600	73,100	72,400	72,000	71,400	70,800	62,800	65
	70	69,300	68,600	68,000	67,300	67,000	66,300	65,700	65,000	64,700	64,000	63,400		70
	75	63,100	62,400	61,800	61,100	60,700	60,000	59,500	58,800	58,400	57,700	57,100	56,500	75
	80	57,800	57,100	56,500	55,700	55,400	54,700	54,100	53,400	53,000	52,300	51,700	51,000	80
	85	53,200	52,400	51,800	51,100	50,700	50,000	49,400	48,700	48,300	47,600	47,000	46,300	85
90	49,100	48,300	47,700	47,000	46,600	45,900	45,300	44,600	44,200	43,500	42,900	42,200	90	
100	42,300	41,500	40,900	40,100	39,700	39,000	38,400	37,700	37,300	36,600	36,000	35,300	100	
110	36,800	36,000	35,400	34,600	34,200	33,500	32,900	32,100	31,700	31,000	30,400	29,700	110	
120	32,300	31,500	30,900	30,100	29,700	29,000	28,400	27,600	27,200	26,500	25,900	25,100	120	
130	28,500	27,700	27,100	26,300	25,900	25,200	24,600	23,800	23,400	22,700	22,000	21,300	130	
140	25,300	24,500	23,900	23,100	22,700	22,000	21,300	20,600	20,200	19,400	18,800	18,100	140	
150		21,800	21,100	20,300	20,000	19,200	18,600	17,800	17,400	16,700	16,000	15,300	150	
160				17,900	17,600	16,800	16,200	15,400	15,000	14,200	13,600	12,900	160	
170					15,500	14,700	14,100	13,300	12,900	12,100	11,500	10,700	170	
180						12,800	12,200	11,400	11,000	10,300	9,600	8,900	180	
190								9,800	9,300	8,600	8,000	7,200	190	
200									7,800	7,100	6,500	5,700	200	
210										5,700	5,100	4,400	210	

* These capacities apply for ALL lesser radii obtainable.