

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

10 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, WRC 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	
	60 *	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000		60 *
	65	76,700	76,000	75,500	74,800	74,500	73,800	73,300	72,700	72,300	71,700	71,100		65
	70	69,400	68,700	68,100	67,400	67,100	66,400	65,900	65,200	64,900	64,200	63,700		70
	75	63,200	62,400	61,900	61,200	60,800	60,200	59,600	58,900	58,600	57,900	57,300		75
	80	57,800	57,100	56,500	55,800	55,400	54,800	54,200	53,500	53,100	52,500	51,900		80
	85	53,200	52,400	51,800	51,100	50,800	50,000	49,500	48,800	48,400	47,700	47,200		85
	90	49,100	48,300	47,700	47,000	46,600	45,900	45,300	44,600	44,300	43,600	43,000		90
	95	45,400	44,700	44,100	43,300	43,000	42,300	41,700	41,000	40,600	39,900	39,300		95
	100	42,200	41,400	40,800	40,100	39,700	39,000	38,400	37,700	37,300	36,600	36,000		100
	105	39,300	38,500	37,900	37,200	36,800	36,100	35,500	34,800	34,400	33,700	33,100		105
	110	36,700	35,900	35,300	34,500	34,200	33,500	32,900	32,100	31,800	31,000	30,500		110
	115	34,300	33,500	32,900	32,200	31,800	31,100	30,500	29,700	29,400	28,600	28,100		115
	120	32,200	31,400	30,800	30,000	29,700	28,900	28,300	27,600	27,200	26,500	25,900		120
	130		27,600	27,000	26,200	25,900	25,100	24,500	23,700	23,400	22,600	22,000		130
	140			23,700	23,000	22,600	21,900	21,300	20,500	20,100	19,400	18,800		140
	150				20,200	19,800	19,100	18,500	17,700	17,300	16,600	16,000		150
	160						16,700	16,000	15,300	14,900	14,200	13,500		160
	170							13,900	13,100	12,800	12,000	11,400		170
	180									10,900	10,100	9,500		180
	190										8,400	7,800		190

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

* These capacities apply for ALL lesser radii obtainable.