

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

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

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	52,200	53,100	53,900										55
	60	49,700	50,700	51,500	52,300	53,100	53,800							60
	65	47,500	48,500	49,400	50,200	51,000	51,800	52,500	53,100	53,700				65
	70	45,500	46,500	47,400	48,300	49,100	49,900	50,600	51,300	51,900	52,500	53,100	53,700	70
	75	43,700	44,700	45,600	46,500	47,400	48,200	48,900	49,600	50,300	50,900	51,500	52,100	75
	80	42,000	43,000	44,000	44,900	45,800	46,600	47,300	48,100	48,700	49,400	50,000	50,600	80
	85	40,400	41,500	42,500	43,400	44,300	45,100	45,900	46,600	47,300	48,000	48,600	49,000	85
	90	39,000	40,100	41,100	42,000	42,900	43,700	44,500	45,200	45,900	46,600	47,200	47,700	90
	95	37,700	38,800	39,800	40,700	41,600	42,400	43,200	43,900	44,600	45,300	46,000	46,500	95
	100	36,500	37,600	38,600	39,500	40,400	41,200	42,000	42,700	43,400	44,100	44,700	45,300	100
	105	35,400	36,500	37,400	38,400	39,300	40,100	40,900	41,600	42,300	43,000	43,600	44,200	105
	110	34,400	35,500	36,400	37,400	38,300	39,100	39,900	40,600	41,300	42,000	42,600	43,200	110
	115	33,500	34,500	35,400	36,300	37,200	38,000	38,700	39,400	40,100	40,800	41,400	42,000	115
	120	32,600	33,600	34,500	35,400	36,300	37,100	37,800	38,500	39,200	39,900	40,500	41,100	120
	130													130
	140													140
	150						20,000	19,500	18,800	18,400	17,800	17,200	16,500	150
	160								16,300	15,900	15,200	14,700	14,000	160
	170									13,700	13,000	12,400	11,700	170
	180										10,500	9,800	9,100	180