

JIB LIFTING CAPACITIES

 MEETS
ANSI B30.5
REQUIREMENTS

4100W

**JIB NO. 122A WITH 18'9" STRUT ON
BOOM NO. 27 WITH OPEN THROAT TOP OFFSET 4-1/2 DEGREES
275,000 LB. AUXILIARY COUNTERWEIGHT**

RINGER® SERIES - 3
3 DEGREE JIB OFFSET ANGLE

Chart supplements boom capacity chart No. 6281-B1 or 6733-B1. 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, as well as adverse operating conditions & physical machine depreciation.

Capacities do not exceed **85%** of a static tipping load 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, hoist lines beneath boom and jib point sheaves, etc., including those on the main boom is considered part of the jib load. Maximum capacity on 1-1/8" — 6x31 IPS, IWRC is 28,300 lbs./line.

40 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS											JIB POINT RADIUS: FEET
		BOOM LENGTH - FEET											
		140	160	180	200	220	240	260	280	300	320	340	
	135 *	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	135 *
	140	55,900	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	140
	145	54,000	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	145
	150	52,200	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	150
	155	50,600	55,200	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	155
	160	49,000	53,500	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	160
	165	47,600	51,900	56,200	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	165
	170		50,500	54,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	170
	175		49,100	53,100	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	175
	180		47,800	51,700	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	180
	185			50,400	54,200	56,600	56,600	56,600	56,600	56,600	56,600	56,600	185
	190			49,200	52,800	56,400	56,600	56,600	56,600	56,600	56,600	56,600	190
	200				50,400	53,800	56,600	56,600	56,600	56,600	56,600	56,600	200
	210				48,100	51,400	54,600	56,600	56,600	56,600	56,600	56,600	210
	220					49,300	52,300	55,400	56,600	56,600	56,600	56,600	220
	230						50,300	53,200	56,100	56,600	56,600	56,600	230
	240						48,400	51,200	54,000	56,000	54,500		240
	250							49,300	52,000	52,300	50,900		250
	260							47,600	50,200	49,000	47,600		260
	270								47,400	46,000	44,500		270

50 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS											JIB POINT RADIUS: FEET
		BOOM LENGTH - FEET											
		140	160	180	200	220	240	260	280	300	320	340	
50 FOOT JIB	105 *	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	105 *
	110	56,500	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	110
	115	54,100	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	115
	120	51,900	55,900	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	120
	130	48,100	51,800	55,400	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	130
	140	44,800	48,400	51,800	55,000	56,600	56,600	56,600	56,600	56,600	56,600	56,600	140
	150	42,000	45,400	48,600	51,700	54,700	56,600	56,600	56,600	56,600	56,600	56,600	150
	160	39,500	42,700	45,800	48,800	51,700	54,500	56,600	56,600	56,600	56,600	56,600	160
	170	37,300	40,400	43,300	46,200	49,000	51,700	54,200	56,600	56,600	56,600	56,600	170
	180		38,300	41,200	43,900	46,600	49,100	51,600	54,000	56,400	56,600	56,600	180
	190			39,200	41,800	44,400	46,900	49,300	51,600	53,800	56,000	56,600	190
	200			37,400	39,900	42,400	44,800	47,100	49,400	51,600	53,700	55,800	200
	210				38,300	40,600	42,900	45,200	47,300	49,500	51,500	53,600	210
	220					39,000	41,200	43,400	45,500	47,600	49,600	51,500	220
	230					37,500	39,600	41,700	43,800	45,800	47,700		230
	240						38,200	40,200	42,200	44,200	46,000		240
	250							38,800	40,800	42,600	44,500		250
	260							37,600	39,400	41,200	43,000		260
	270								38,200	39,900	41,700		270
	280									38,700	40,400		280

* These capacities apply for ALL lesser radii obtainable.