



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

10 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	
	115 *	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	115 *
	120	56,300	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	120
	125	54,400	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	125
	130	52,600	56,400	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	130
	135	51,000	54,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	135
	140	49,500	53,100	56,400	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	140
	145	48,100	51,600	54,900	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	145
	150	46,800	50,200	53,400	56,500	56,600	56,600	56,600	56,600	56,600	56,600	56,600	150
	155		48,900	52,000	55,100	56,600	56,600	56,600	56,600	56,600	56,600	56,600	155
	160		47,700	50,800	53,700	56,500	56,600	56,600	56,600	56,600	56,600	56,600	160
	170			48,400	51,200	54,000	56,600	56,600	56,600	56,600	56,600	56,600	170
	180			46,300	49,000	51,700	54,200	56,600	56,600	56,600	56,600	56,600	180
	190				47,000	49,600	52,000	54,400	56,600	56,600	56,600	56,600	190
	200					47,700	50,100	52,300	54,600	56,600	56,600	56,600	200
	210					46,000	48,300	50,500	52,600	54,700	56,600	56,600	210
	220						46,600	48,800	50,900	52,900	54,800	56,600	220
	230							47,200	49,200	51,200	53,100		230
	240							45,800	47,700	49,600	51,500		240
	250								46,300	48,200	50,000		250
	260									46,800	47,900		260

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	
	85 *	56,600	56,600	56,600	56,600	56,600	56,600	56,600					85 *
	90	56,500	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600			90
	95	54,100	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600		95
	100	51,900	54,700	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	56,600	100
	110	48,100	50,900	53,400	55,700	56,600	56,600	56,600	56,600	56,600	56,600	56,600	110
	120	44,800	47,500	50,000	52,300	54,400	56,400	56,600	56,600	56,600	56,600	56,600	120
	130	42,000	44,600	47,100	49,300	51,400	53,400	55,300	56,600	56,600	56,600	56,600	130
	140	39,600	42,100	44,500	46,700	48,800	50,700	52,500	54,300	55,900	56,600	56,600	140
	150	37,500	39,900	42,200	44,400	46,400	48,300	50,100	51,800	53,400	55,000	56,400	150
	160		38,000	40,200	42,300	44,300	46,100	47,900	49,600	51,200	52,700	54,100	160
	170		36,300	38,400	40,400	42,300	44,200	45,900	47,600	49,100	50,600	52,100	170
	180			36,800	38,700	40,600	42,400	44,100	45,700	47,300	48,800	50,200	180
	190				37,200	39,000	40,800	42,400	44,000	45,600	47,000	48,400	190
	200					37,600	39,300	40,900	42,500	44,000	45,400	46,800	200
	210					36,300	37,900	39,500	41,000	42,500	43,900	45,300	210
	220						36,700	38,200	39,700	41,100	42,500	43,900	220
	230							37,000	38,500	39,900	41,200	42,600	230
	240							36,000	37,400	38,700	40,100		240
	250								36,300	37,700	38,900		250
	260									36,600	37,900		260

* These capacities apply for ALL lesser radii obtainable.