

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
20 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	
	65	56,600											65
	70	56,600	56,600										70
	75	55,100	56,600	56,600	56,600								75
	80	53,000	54,900	56,500	56,600	56,600	56,600						80
	85	51,000	53,000	54,700	56,200	56,600	56,600	56,600					85
	90	49,200	51,200	53,000	54,500	55,900	56,600	56,600	56,600	56,600			90
	95	47,600	49,600	51,400	52,900	54,400	55,700	56,600	56,600	56,600	56,600		95
100	46,100	48,100	49,900	51,500	52,900	54,300	55,500	56,500	56,600	56,600	56,600	100	
110	43,300	45,400	47,200	48,800	50,300	51,700	52,900	54,100	55,100	56,100	56,600	110	
120	41,000	43,000	44,800	46,500	48,000	49,400	50,700	51,800	52,900	53,900	54,900	120	
130	39,000	41,000	42,800	44,400	45,900	47,300	48,600	49,800	50,900	51,900	52,900	130	
140		39,100	40,900	42,500	44,000	45,400	46,700	48,000	49,100	50,100	51,100	140	
150			39,300	40,900	42,400	43,700	45,000	46,300	47,400	48,500	49,500	150	
160				39,400	40,800	42,200	43,500	44,700	45,800	46,900	47,900	160	
170				38,000	39,500	40,800	42,100	43,300	44,400	45,500	46,500	170	
180					38,200	39,500	40,800	42,000	43,100	44,200	45,200	180	
190						38,400	39,600	40,800	41,900	42,900	43,900	190	
200							38,500	39,700	40,800	41,800	42,800	200	
210								38,600	39,700	40,700	41,700	210	
220									38,700	39,800	40,700	220	

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
	75	45,600	46,800										75
	80	43,900	45,100	46,200									80
	85	42,300	43,600	44,800	45,800	46,600							85
	90	40,900	42,300	43,400	44,500	45,400	46,200						90
	95	39,600	41,000	42,200	43,200	44,200	45,100	45,800	46,600				95
	100	38,300	39,800	41,000	42,100	43,100	44,000	44,800	45,500	46,200	46,800		100
	105	37,200	38,600	39,900	41,000	42,000	43,000	43,800	44,600	45,300	45,900	46,500	105
110	36,100	37,600	38,900	40,000	41,100	42,000	42,900	43,600	44,400	45,000	45,600	110	
120	34,200	35,700	37,000	38,200	39,200	40,200	41,100	41,900	42,700	43,400	44,000	120	
130	32,600	34,000	35,300	36,500	37,600	38,600	39,500	40,400	41,100	41,900	42,500	130	
140		32,500	33,800	35,000	36,100	37,100	38,100	38,900	39,700	40,500	41,200	140	
150		31,200	32,500	33,700	34,800	35,800	36,700	37,600	38,400	39,200	39,900	150	
160			31,300	32,500	33,600	34,600	35,500	36,400	37,200	38,000	38,700	160	
170				31,400	32,500	33,500	34,400	35,300	36,100	36,900	37,600	170	
180					31,500	32,500	33,400	34,300	35,100	35,900	36,600	180	
190						31,500	32,400	33,300	34,100	34,900	35,600	190	
200							31,600	32,400	33,200	34,000	34,700	200	
210								31,600	32,400	33,200	33,900	210	
220									31,700	32,400	33,100	220	
230										31,700	32,400	230	