

JIB LIFTING CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4600 SERIES-4 RINGER® - SERIES-3

**JIB NO. 27AB WITH 41'0" STRUT ON
BOOM NO. 65 — 60 FT. RINGER ATTACHMENT
174,100 LB. AUXILIARY COUNTERWEIGHT**

6 DEGREE JIB OFFSET ANGLE

Chart supplements boom capacity chart No. 7300-D. 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, wind conditions, as well as adverse operating conditions and physical machine depreciation.

Capacities do not exceed 75% of a static tipping load with machine on a firm, level surface. Capacities based on structural competence are denoted by shaded areas. Operating radius is the horizontal distance from the axis of rotation to the center of

vertical hoist line or load block. Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib point sheaves, is considered part of the jib load. Boom and jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved. Upper jib point capacity for single part line is 44,000 lbs. In all cases, upper jib point capacities cannot exceed those listed for the main jib capacity. Maximum capacity on 1-1/4" — 6 x 31 EEIPS, IWRC is 44,000 lbs./line. Refer to jib assembly No. 190645.

80 FOOT JIB	JIB POINT RAD.: FEET	CAPACITIES IN POUNDS BOOM LENGTH — FEET					JIB POINT RAD.: FEET
		180	200	220	240	260	
80	513,800						80
85	462,800	459,700					85
90	420,100	416,900	414,500	411,800			90
95	383,900	380,600	378,100	375,400	372,700		95
100	352,700	349,400	346,800	344,000	341,300		100
105	325,600	322,300	319,600	316,800	314,100		105
110	301,900	298,500	295,800	293,000	290,200		110
115	280,900	277,500	274,700	271,900	269,000		115
120	262,100	258,800	255,900	253,100	250,200		120
125	245,400	242,000	239,100	236,200	233,300		125
130	230,300	226,800	224,000	221,000	218,100		130
135	216,600	213,100	210,200	207,300	204,300		135
140	204,100	200,600	197,700	194,700	191,800		140
150	182,200	178,800	175,800	172,800	169,800		150
160	163,700	160,200	157,200	154,200	151,100		160
170	147,700	144,300	141,200	138,200	135,100		170
180	133,900	130,400	127,300	124,300	121,200		180
190	121,800	118,300	115,200	112,100	109,000		190
200	111,100	107,600	104,400	101,400	98,200		200
210	101,500	98,000	94,900	91,800	88,700		210
220	93,000	89,500	86,300	83,200	80,100		220
230	85,300	81,800	78,600	75,500	72,300		230
240	78,300	74,800	71,600	68,500	65,300		240
250		68,400	65,200	62,100	58,900		250
260		62,600	59,400	56,300	53,100		260
270			54,000	50,900	47,700		270
280				46,000	42,800		280
290				41,400	38,200		290
300					34,000		300
310					30,000		310

100 FOOT JIB	JIB POINT RAD.: FEET	CAPACITIES IN POUNDS BOOM LENGTH — FEET					JIB POINT RAD.: FEET
		180	200	220	240	260	
90	422,400						90
95	385,900	382,800	380,400				95
100	354,500	351,400	348,900	346,500			100
105	327,300	324,100	321,500	319,000	316,300		105
110	303,400	300,200	297,500	295,000	292,200		110
115	282,200	279,000	276,300	273,700	270,900		115
120	263,400	260,200	257,400	254,700	251,900		120
125	246,500	243,300	240,500	237,800	234,900		125
130	231,300	228,000	225,200	222,500	219,600		130
135	217,500	214,200	211,400	208,600	205,700		135
140	205,000	201,700	198,800	196,000	193,000		140
150	183,000	179,600	176,700	173,800	170,800		150
160	164,300	160,900	157,900	155,100	152,000		160
170	148,300	144,900	141,800	138,900	135,900		170
180	134,400	131,000	127,900	124,900	121,900		180
190	122,200	118,700	115,600	112,700	109,600		190
200	111,400	107,900	104,800	101,800	98,700		200
210	101,800	98,300	95,200	92,200	89,000		210
220	93,200	89,700	86,600	83,500	80,400		220
230	85,400	81,900	78,800	75,700	72,600		230
240	78,400	74,900	71,700	68,700	65,500		240
250	72,000	68,500	65,300	62,200	59,100		250
260	66,100	62,600	59,400	56,400	53,200		260
270		57,200	54,000	51,000	47,800		270
280			49,000	46,000	42,800		280
290			44,400	41,400	38,200		290
300				37,100	33,900		300
310					29,900		310
320					26,200		320

120 FOOT JIB	JIB POINT RAD.: FEET	CAPACITIES IN POUNDS BOOM LENGTH — FEET					JIB POINT RAD.: FEET
		180	200	220	240	260	
95	386,900						95
100	355,400	352,500	350,200				100
105	328,100	325,100	322,700	320,200			105
110	304,100	301,100	298,600	296,000	293,500		110
115	282,900	279,800	277,300	274,700	272,100		115
120	264,100	260,900	258,400	255,700	253,000		120
125	247,100	243,900	241,300	238,600	235,900		125
130	231,900	228,700	226,000	223,200	220,500		130
135	218,100	214,800	212,100	209,300	206,600		135
140	205,500	202,200	199,500	196,600	193,900		140
150	183,400	180,100	177,300	174,400	171,600		150
160	164,700	161,400	158,500	155,600	152,700		160
170	148,600	145,300	142,400	139,400	136,500		170
180	134,700	131,300	128,300	125,400	122,400		180
190	122,500	119,000	116,000	113,000	110,000		190
200	111,600	108,200	105,200	102,200	99,100		200
210	102,000	98,600	95,500	92,500	89,400		210
220	93,400	89,900	86,800	83,800	80,700		220
230	85,600	82,100	79,000	76,000	72,900		230
240	78,600	75,100	72,000	68,900	65,800		240
250	72,100	68,700	65,500	62,400	59,300		250
260	66,300	62,800	59,600	56,500	53,400		260
270	60,900	57,400	54,200	51,100	48,000		270
280	55,900	52,400	49,200	46,100	43,000		280
290		47,800	44,600	41,500	38,300		290
300			40,300	37,200	34,000		300
310			36,300	33,200	30,000		310
320				29,500	26,300		320