



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
442,300 LB. AUXILIARY COUNTERWEIGHT**

20 DEGREE JIB OFFSET ANGLE

Chart supplements boom capacity chart No. 7300-C. 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. 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								JIB POINT RAD.: FEET	
		BOOM LENGTH — FEET									
		180	200	220	240	260	280	300	320		340
	100	277,500	286,900								100
	105	267,900	277,500	294,000							105
	110	258,900	268,600	285,100	300,400	316,100					110
	115	250,600	260,400	276,800	292,000	307,700	313,200				115
	120	242,800	252,600	269,000	284,100	299,800	305,400	310,600	315,500		120
	125	235,500	245,400	261,600	276,700	292,200	298,000	303,400	308,400	286,700	125
	130	228,700	238,600	254,700	269,600	285,100	291,000	296,400	301,600	284,700	130
	135	222,300	232,100	248,200	263,000	278,400	284,300	289,900	295,100	282,800	135
	140	216,300	226,000	242,000	256,600	272,000	278,000	283,600	288,900	280,900	140
	150	205,200	214,900	230,600	245,000	260,100	266,200	269,900	267,600	264,800	150
	160	195,300	204,900	220,300	234,400	248,400	245,700	242,900	240,600	237,800	160
	170	186,500	195,800	211,000	224,800	225,300	222,600	219,800	217,400	214,600	170
	180	178,500	187,700	202,500	207,700	205,300	202,600	199,700	197,300	194,400	180
	190	171,300	180,300	192,800	190,200	187,700	185,000	182,100	179,600	176,700	190
	200	164,700	173,500	177,300	174,800	172,200	169,400	166,500	164,000	161,100	200
	210	158,800	166,200	163,600	161,000	158,400	155,600	152,600	150,200	147,200	210
	220		153,900	151,200	148,600	146,000	143,200	140,200	137,700	134,700	220
	230		142,800	140,100	137,500	134,800	132,000	129,000	126,500	123,500	230
	240			130,000	127,400	124,700	121,900	118,800	116,300	113,300	240
	250				118,100	115,500	112,600	109,600	107,100	104,000	250
	260					107,000	104,200	101,100	98,600	95,600	260
	270						96,400	93,400	90,800	87,800	270
	280						89,200	86,200	83,700	80,600	280
	290							79,600	77,000	74,000	290
	300								70,900	67,800	300



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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. Maximum capacity on 1-1/4" — 6 x 31 EEIPS, IWRC is 44,000 lbs./line. Refer to jib assembly No. 190645.

100 FOOT JIB	JIB POINT RAD.: FEET	CAPACITIES IN POUNDS								JIB POINT RAD.: FEET	
		BOOM LENGTH — FEET									
		180	200	220	240	260	280	300	320		340
110	230,200										110
115	222,800	230,500	244,500								115
120	215,800	223,600	237,500	250,400							120
125	209,200	217,100	231,000	243,800	257,000	261,300					125
130	203,000	211,000	224,800	237,600	250,700	255,100	259,200	262,900			130
135	197,200	205,200	218,900	231,600	244,700	249,200	253,400	257,300	242,200		135
140	191,800	199,700	213,400	226,000	239,000	243,600	247,900	251,900	240,500		140
150	181,700	189,700	203,200	215,600	228,500	233,200	237,600	241,700	237,000		150
160	172,700	180,700	193,900	206,100	218,900	223,700	228,200	232,400	233,400		160
170	164,700	172,500	185,500	197,500	210,100	215,000	219,600	220,400	217,700		170
180	157,400	165,100	177,900	189,700	202,100	205,000	202,200	200,000	197,300		180
190	150,700	158,300	170,900	182,500	189,800	187,200	184,400	182,100	179,300		190
200	144,700	152,200	164,500	175,900	174,100	171,400	168,600	166,300	163,500		200
210	139,200	146,500	158,700	162,600	160,100	157,400	154,600	152,200	149,400		210
220	134,300	141,400	152,600	150,100	147,600	144,800	142,000	139,600	136,700		220
230	129,700	136,700	141,300	138,800	136,200	133,500	130,600	128,200	125,300		230
240		132,300	131,100	128,600	126,000	123,200	120,300	117,900	115,000		240
250			121,800	119,200	116,600	113,900	110,900	108,500	105,600		250
260				110,700	108,100	105,300	102,400	99,900	97,000		260
270				102,900	100,200	97,400	94,500	92,000	89,100		270
280					93,000	90,200	87,200	84,700	81,800		280
290						83,500	80,500	78,000	75,000		290
300							74,300	71,800	68,800		300
310								65,900	63,000		310
320								60,500	57,500		320



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120 FOOT JIB	JIB POINT RAD.: FEET	CAPACITIES IN POUNDS								JIB POINT RAD.: FEET	
		BOOM LENGTH — FEET									
		180	200	220	240	260	280	300	320		340
120	201,200										100
125	194,800	201,700	214,300								125
130	188,900	195,800	208,400	219,100	231,000						130
135	183,300	190,300	202,800	213,400	225,300	228,900					135
140	178,000	185,000	197,500	208,100	219,900	223,600	227,100	230,400			140
150	168,300	175,400	187,700	198,200	209,800	213,700	217,400	220,800	209,700		150
160	159,700	166,700	178,800	189,200	200,700	204,700	208,500	212,000	206,300		160
170	151,800	158,800	170,700	181,000	192,400	196,500	200,300	204,000	202,900		170
180	144,800	151,700	163,400	173,500	184,800	188,900	192,800	196,500	199,600		180
190	138,300	145,200	156,700	166,700	177,700	181,900	185,900	184,400	181,700		190
200	132,500	139,200	150,600	160,400	171,300	173,300	170,700	168,400	165,700		200
210	127,200	133,800	144,900	154,500	161,800	159,200	156,500	154,200	151,500		210
220	122,300	128,700	139,700	149,200	149,100	146,500	143,700	141,400	138,700		220
230	117,800	124,100	134,900	140,200	137,700	135,100	132,300	129,900	127,100		230
240	113,700	119,900	130,400	129,900	127,400	124,700	121,900	119,500	116,700		240
250		116,000	123,000	120,500	118,000	115,300	112,400	110,000	107,200		250
260		112,400	114,400	111,900	109,300	106,600	103,800	101,300	98,500		260
270			106,500	104,000	101,400	98,700	95,800	93,300	90,500		270
280				96,700	94,100	91,400	88,500	86,000	83,100		280
290					87,300	84,600	81,700	79,200	76,300		290
300					81,000	78,300	75,400	72,900	70,000		300
310						72,400	69,500	67,000	64,100		310
320							64,000	61,500	58,600		320
330								56,400	53,500		330