

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**
12 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
	90	430,500									90
	95	410,400	428,700	455,000							95
	100	392,100	410,300	436,400	461,100	488,200					100
	105	375,400	393,500	419,300	443,700	470,400	448,600				105
	110	360,100	378,000	403,500	427,600	439,900	437,300	394,100	355,300		110
	115	346,000	363,700	388,900	412,500	410,100	407,400	390,600	352,400	319,800	115
	120	333,000	350,400	375,300	386,000	383,500	380,800	377,900	349,300	317,200	120
	125	320,900	338,100	362,600	362,200	359,700	356,900	354,000	346,400	314,600	125
	130	309,700	326,700	343,300	340,700	338,200	335,400	332,400	329,900	312,000	130
	135	299,300	316,000	323,900	321,300	318,700	315,900	312,900	310,400	307,500	135
	140	289,600	306,100	306,200	303,600	301,000	298,200	295,100	292,600	289,600	140
	150	272,000	278,000	275,300	272,600	269,900	267,100	264,000	261,400	258,400	150
	160	255,000	251,800	249,100	246,300	243,600	240,700	237,600	235,000	231,900	160
	170	232,500	229,300	226,500	223,800	221,000	218,000	214,900	212,300	209,200	170
	180	213,000	209,800	206,900	204,100	201,300	198,400	195,200	192,600	189,500	180
	190	195,900	192,600	189,800	187,000	184,100	181,100	178,000	175,300	172,200	190
	200	180,800	177,500	174,600	171,800	168,900	165,900	162,700	160,000	156,900	200
	210	167,300	164,000	161,100	158,200	155,300	152,300	149,100	146,500	143,300	210
	220	155,200	151,900	149,000	146,100	143,200	140,200	137,000	134,300	131,100	220
	230	144,300	141,000	138,100	135,200	132,300	129,200	126,000	123,300	120,100	230
	240		131,100	128,200	125,300	122,300	119,300	116,100	113,400	110,200	240
	250			119,200	116,300	113,300	110,300	107,000	104,300	101,100	250
	260			110,900	108,000	105,000	102,000	98,800	96,100	92,800	260
	270				100,400	97,500	94,400	91,200	88,500	85,200	270
	280					90,500	87,400	84,200	81,500	78,200	280
	290					84,000	81,000	77,700	75,000	71,800	290
	300						75,000	71,700	69,000	65,800	300
	310							66,100	63,400	60,200	310
	320							60,900	58,200	55,000	320
	330								53,400	50,100	330



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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.

	JIB POINT RAD.: FEET	CAPACITIES IN POUNDS								JIB POINT RAD.: FEET	
		BOOM LENGTH — FEET									
		180	200	220	240	260	280	300	320		340
100 FOOT JIB	100	355,100	369,800								100
	105	340,100	354,800	377,000							105
	110	326,300	341,000	363,000	383,900	406,600					110
	115	313,600	328,100	349,900	370,600	393,000	387,000	341,500			115
	120	301,800	316,300	337,800	358,200	380,300	383,600	338,400	304,100		120
	125	290,900	305,200	326,500	346,600	362,400	359,800	335,300	301,400	272,800	125
	130	280,800	294,900	315,900	335,800	340,700	338,100	332,300	298,600	270,400	130
	135	271,300	285,300	306,000	323,500	321,100	318,400	315,600	295,900	268,000	135
	140	262,500	276,300	296,800	305,700	303,200	300,500	297,700	293,300	265,600	140
	150	246,400	259,900	277,000	274,500	271,900	269,100	266,200	263,800	260,900	150
	160	232,200	245,300	250,600	248,000	245,300	242,500	239,600	237,100	234,200	160
	170	219,600	230,500	227,800	225,200	222,500	219,700	216,700	214,200	211,200	170
	180	208,300	210,800	208,100	205,400	202,700	199,800	196,800	194,200	191,300	180
	190	196,800	193,600	190,800	188,100	185,300	182,400	179,400	176,800	173,800	190
	200	181,500	178,300	175,500	172,800	170,000	167,100	164,000	161,400	158,300	200
	210	168,000	164,800	161,900	159,100	156,300	153,400	150,300	147,600	144,600	210
	220	155,800	152,600	149,700	146,900	144,100	141,100	138,000	135,300	132,300	220
	230	144,900	141,600	138,700	135,900	133,000	130,100	126,900	124,300	121,200	230
	240	134,900	131,700	128,800	125,900	123,000	120,000	116,900	114,200	111,100	240
	250	125,800	122,600	119,700	116,800	113,900	110,900	107,700	105,100	101,900	250
	260		114,300	111,400	108,500	105,600	102,600	99,400	96,700	93,600	260
	270			103,700	100,900	97,900	94,900	91,700	89,000	85,900	270
	280				93,800	90,900	87,900	84,700	82,000	78,800	280
	290				87,300	84,300	81,300	78,100	75,400	72,300	290
	300					78,300	75,300	72,100	69,400	66,200	300
	310						69,600	66,400	63,700	60,600	310
	320						64,400	61,200	58,500	55,300	320
	330							56,200	53,600	50,400	330
	340								48,900	45,800	340
	350								44,600	41,400	350

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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
	105	325,000									105
	110	311,600	324,700	338,500							110
	115	299,200	312,200	326,000	338,400						115
	120	287,700	300,700	314,500	326,800	339,200	335,200				120
	125	277,100	290,000	303,700	316,000	328,400	335,200	301,900			125
	130	267,200	280,000	293,700	305,900	318,300	325,700	299,200	268,300	242,000	130
	135	258,000	270,600	284,300	296,500	308,800	316,200	296,300	265,700	240,100	135
	140	249,300	261,900	275,400	287,500	299,800	302,400	293,500	263,300	237,900	140
	150	233,700	245,900	259,300	271,200	273,500	270,900	268,100	258,300	233,400	150
	160	219,900	231,800	244,900	249,200	246,800	244,100	241,300	238,800	229,100	160
	170	207,600	219,200	228,900	226,400	223,900	221,100	218,200	215,700	212,900	170
	180	196,600	207,900	209,100	206,500	203,900	201,100	198,200	195,700	192,800	180
	190	186,700	194,400	191,800	189,100	186,500	183,600	180,700	178,100	175,200	190
	200	177,700	179,100	176,400	173,700	171,000	168,200	165,200	162,600	159,600	200
	210	168,700	165,500	162,700	160,000	157,300	154,400	151,400	148,800	145,800	210
	220	156,500	153,300	150,500	147,700	145,000	142,000	139,000	136,400	133,400	220
	230	145,500	142,300	139,400	136,600	133,900	130,900	127,800	125,200	122,200	230
	240	135,500	132,300	129,400	126,600	123,800	120,800	117,800	115,100	112,100	240
	250	126,400	123,200	120,300	117,500	114,600	111,700	108,600	105,900	102,800	250
	260	118,100	114,900	111,900	109,100	106,300	103,300	100,200	97,500	94,400	260
	270		107,200	104,300	101,400	98,600	95,600	92,400	89,800	86,700	270
	280		100,100	97,200	94,300	91,500	88,500	85,300	82,600	79,500	280
	290			90,700	87,800	84,900	81,900	78,700	76,100	72,900	290
	300				81,700	78,800	75,800	72,600	70,000	66,800	300
	310				76,000	73,100	70,100	67,000	64,300	61,100	310
	320					67,800	64,800	61,700	59,000	55,800	320
	330						59,900	56,700	54,000	50,900	330
	340							52,100	49,400	46,200	340
	350							47,700	45,000	41,900	350
	360								40,900	37,800	360