



# 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**

**6 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	
	80	631,600										80
	85	616,700	599,400									85
	90	605,100	595,100	574,700	551,600							90
	95	559,000	555,800	553,200	548,600	524,100						95
	100	515,600	512,300	509,700	506,900	504,200	484,400	433,500				100
	105	477,800	474,500	471,800	469,000	466,300	463,300	428,800	386,800	340,200		105
	110	444,700	441,400	438,600	435,800	433,000	430,000	424,500	385,500	340,200		110
	115	415,400	412,100	409,300	406,400	403,600	400,500	397,300	381,700	340,200		115
	120	389,300	386,000	383,100	380,200	377,400	374,300	371,100	368,400	340,200		120
	125	366,000	362,600	359,700	356,800	353,900	350,800	347,600	344,900	340,200		125
	130	344,900	341,500	338,600	335,700	332,700	329,600	326,400	323,700	320,400		130
	135	325,800	322,400	319,500	316,500	313,600	310,500	307,200	304,400	301,200		135
	140	308,400	305,000	302,000	299,100	296,100	293,000	289,700	287,000	283,700		140
	150	278,000	274,500	271,500	268,500	265,500	262,400	259,100	256,300	253,000		150
	160	252,100	248,700	245,600	242,600	239,600	236,400	233,100	230,300	227,000		160
	170	229,900	226,500	223,400	220,400	217,300	214,100	210,800	208,000	204,700		170
	180	210,700	207,200	204,100	201,000	198,000	194,800	191,400	188,600	185,300		180
	190	193,800	190,300	187,200	184,100	181,000	177,800	174,500	171,600	168,300		190
	200	178,900	175,400	172,200	169,200	166,000	162,800	159,500	156,600	153,300		200
	210	165,600	162,100	158,900	155,900	152,700	149,500	146,100	143,300	140,000		210
	220	153,700	150,200	147,000	143,900	140,800	137,600	134,200	131,300	128,000		220
	230	143,000	139,500	136,300	133,200	130,000	126,800	123,400	120,600	117,200		230
	240	133,200	129,700	126,500	123,400	120,300	117,100	113,700	110,800	107,500		240
	250		120,900	117,700	114,600	111,400	108,200	104,800	101,900	98,600		250
	260		112,800	109,600	106,500	103,300	100,100	96,700	93,800	90,500		260
	270			102,100	99,000	95,900	92,600	89,200	86,400	83,000		270
	280				92,200	89,000	85,800	82,400	79,500	76,200		280
	290				85,900	82,700	79,500	76,100	73,200	69,800		290
	300					76,800	73,600	70,200	67,300	64,000		300
	310					71,300	68,100	64,700	61,900	58,500		310
	320						63,000	59,600	56,800	53,400		320
	330							54,900	52,000	48,700		330
	340							50,400	47,600	44,200		340
	350								43,400	40,000		350



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 BOOM NO. 65 — 60 FT. RINGER ATTACHMENT  
 442,300 LB. AUXILIARY COUNTERWEIGHT**

**6 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.

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.

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

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
90	536,500										90
95	519,600	519,700	504,300								95
100	491,800	514,100	500,400	484,000							100
105	466,900	476,300	473,700	471,200	463,600	424,500					105
110	444,300	443,000	440,400	437,800	435,000	420,200	374,500	336,000			110
115	416,800	413,600	410,900	408,200	405,400	402,500	370,600	335,700	304,100		115
120	390,600	387,400	384,600	381,900	379,100	376,100	366,700	332,200	302,400		120
125	367,100	363,800	361,100	358,400	355,500	352,500	349,400	328,700	299,400		125
130	346,000	342,700	339,800	337,100	334,200	331,200	328,100	325,300	296,300		130
135	326,800	323,500	320,600	317,800	314,900	311,900	308,700	306,100	293,400		135
140	309,300	306,000	303,100	300,300	297,400	294,300	291,100	288,400	285,300		140
150	278,700	275,400	272,400	269,600	266,600	263,500	260,300	257,600	254,400		150
160	252,800	249,400	246,400	243,500	240,500	237,400	234,200	231,400	228,200		160
170	230,500	227,100	224,000	221,100	218,100	215,000	211,700	208,900	205,700		170
180	211,100	207,700	204,600	201,700	198,600	195,500	192,200	189,400	186,200		180
190	194,200	190,700	187,600	184,700	181,600	178,400	175,100	172,300	169,100		190
200	179,200	175,700	172,600	169,600	166,500	163,400	160,000	157,200	154,000		200
210	165,900	162,400	159,200	156,200	153,100	149,900	146,600	143,800	140,500		210
220	153,900	150,400	147,300	144,200	141,100	137,900	134,600	131,800	128,500		220
230	143,100	139,600	136,500	133,400	130,300	127,100	123,700	120,900	117,600		230
240	133,400	129,900	126,700	123,600	120,500	117,300	113,900	111,100	107,800		240
250	124,500	121,000	117,800	114,700	111,500	108,400	105,000	102,100	98,800		250
260	116,300	112,800	109,600	106,600	103,400	100,200	96,800	94,000	90,600		260
270		105,400	102,100	99,100	95,900	92,700	89,300	86,500	83,100		270
280			95,300	92,200	89,000	85,800	82,400	79,600	76,200		280
290			88,900	85,800	82,600	79,400	76,000	73,200	69,800		290
300				79,900	76,700	73,500	70,100	67,300	63,900		300
310					71,200	68,000	64,600	61,800	58,400		310
320					66,100	62,900	59,500	56,600	53,300		320
330						58,100	54,700	51,900	48,500		330
340						53,600	50,200	47,400	44,000		340
350							46,000	43,200	39,800		350
360								39,200	35,800		360
370								35,400	32,100		370



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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

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	
	95	462,900										95
	100	437,800	452,200	441,000								100
	105	415,200	433,700	436,800	425,300							105
	110	394,800	412,900	431,300	421,000	408,500	380,200					110
	115	376,200	394,000	411,900	409,200	405,200	378,100	336,700	303,000			115
	120	359,300	376,700	385,500	382,800	380,200	374,200	333,100	301,400	273,300		120
	125	343,800	360,800	361,900	359,200	356,500	353,600	329,400	298,100	271,100		125
	130	329,500	343,300	340,700	337,900	335,100	332,200	325,900	294,800	268,200		130
	135	316,400	324,100	321,400	318,600	315,800	312,900	309,800	291,600	265,300		135
	140	304,200	306,500	303,800	301,000	298,200	295,200	292,100	288,400	262,500		140
	150	279,200	275,800	273,000	270,200	267,300	264,300	261,200	258,500	255,400		150
	160	253,200	249,800	247,000	244,000	241,100	238,100	234,900	232,200	229,100		160
	170	230,800	227,500	224,500	221,600	218,700	215,600	212,400	209,600	206,500		170
	180	211,400	208,100	205,100	202,100	199,100	196,100	192,800	190,100	186,900		180
	190	194,500	191,000	188,000	185,000	182,000	178,900	175,700	172,900	169,700		190
	200	179,400	176,000	173,000	170,000	166,900	163,800	160,500	157,700	154,500		200
	210	166,100	162,600	159,600	156,500	153,500	150,300	147,000	144,200	141,000		210
	220	154,100	150,600	147,600	144,500	141,400	138,300	135,000	132,200	128,900		220
	230	143,300	139,800	136,700	133,700	130,600	127,400	124,100	121,300	118,000		230
	240	133,500	130,100	126,900	123,900	120,700	117,600	114,200	111,400	108,100		240
	250	124,600	121,100	118,000	114,900	111,800	108,600	105,300	102,400	99,100		250
	260	116,500	113,000	109,800	106,700	103,600	100,400	97,100	94,200	90,900		260
	270	109,000	105,500	102,300	99,200	96,100	92,900	89,600	86,700	83,400		270
	280	102,100	98,600	95,400	92,300	89,200	86,000	82,600	79,800	76,400		280
	290		92,200	89,000	85,900	82,800	79,600	76,200	73,400	70,000		290
	300			83,100	80,000	76,800	73,600	70,300	67,400	64,100		300
	310			77,600	74,500	71,300	68,100	64,800	61,900	58,600		310
	320				69,400	66,200	63,000	59,600	56,800	53,400		320
	330					61,400	58,200	54,800	51,900	48,600		330
	340					56,900	53,700	50,300	47,400	44,100		340
	350						49,400	46,100	43,200	39,900		350
	360							42,100	39,200	35,900		360
	370							38,300	35,500	32,100		370
	380								31,900	28,600		380
	390								28,600	25,200		390