



# 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  
 978,700 LB. AUXILIARY COUNTERWEIGHT**

**20 DEGREE JIB OFFSET ANGLE**

Chart supplements boom capacity chart No. 7300-A. 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. Jib extension No. 125 is to be used only on 120 ft. of jib No. 27AB with 6 degree jib offset angle.

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	360		380
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	267,400			125
130	228,700	238,600	254,700	269,600	285,100	291,000	296,400	301,600	284,700	265,900	248,000		130
135	222,300	232,100	248,200	263,000	278,400	284,300	289,900	295,100	282,800	264,200	246,700		135
140	216,300	226,000	242,000	256,600	272,000	278,000	283,600	288,900	280,900	262,600	245,300		140
150	205,200	214,900	230,600	245,000	260,100	266,200	271,900	277,300	277,300	259,500	242,700		150
160	195,300	204,900	220,300	234,400	249,300	255,500	261,300	266,700	271,900	256,600	240,100		160
170	186,500	195,800	211,000	224,800	239,500	245,700	251,500	257,000	262,200	253,700	237,700		170
180	178,500	187,700	202,500	216,100	230,500	236,700	242,500	248,100	253,300	250,700	235,500		180
190	171,300	180,300	194,800	208,100	222,300	228,400	234,300	239,800	245,000	248,000	233,300		190
200	164,700	173,500	187,800	200,800	214,700	220,800	226,600	232,100	237,400	242,400	231,200		200
210	158,800	167,400	181,300	194,000	207,700	213,800	219,500	225,000	230,200	235,200	229,200		210
220		161,800	175,400	187,800	201,300	207,200	212,900	218,400	223,600	228,500	226,600		220
230		156,700	170,000	182,100	195,300	201,200	206,800	212,200	217,300	222,300	213,900		230
240			165,000	176,900	189,800	195,600	201,100	206,400	211,500	212,800	202,100		240
250				172,000	184,700	190,400	195,800	201,000	206,100	201,300	191,200		250
260					180,000	185,500	190,800	196,000	196,000	190,600	181,000		260
270						181,000	186,200	187,100	184,100	180,500	171,300		270
280						176,800	178,600	176,100	173,000	170,500	162,200		280
290							168,500	165,900	162,900	160,300	153,600		290
300								156,500	153,400	150,900	145,400		300
310									144,700	142,100	137,600		310
320									136,500	134,000	130,100		320
330										126,300	122,800		330



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**20 DEGREE JIB OFFSET ANGLE**

Chart supplements boom capacity chart No. 7300-A. 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.

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 extension No. 125 is to be used only on 120 ft. of jib No. 27AB with 6 degree jib offset angle.

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

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	360		380
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	224,200	208,900		140
150	181,700	189,700	203,200	215,600	228,500	233,200	237,600	241,700	237,000	221,300	206,400		150
160	172,700	180,700	193,900	206,100	218,900	223,700	228,200	232,400	233,400	218,400	203,900		160
170	164,700	172,500	185,500	197,500	210,100	215,000	219,600	223,900	227,900	215,400	201,500		170
180	157,400	165,100	177,900	189,700	202,100	207,000	211,600	216,000	220,100	212,500	199,000		180
190	150,700	158,300	170,900	182,500	194,700	199,600	204,300	208,700	212,800	209,800	196,700		190
200	144,700	152,200	164,500	175,900	187,900	192,800	197,500	201,900	206,100	207,300	194,500		200
210	139,200	146,500	158,700	169,800	181,600	186,500	191,100	195,600	199,800	203,800	192,500		210
220	134,300	141,400	153,300	164,200	175,800	180,700	185,300	189,700	193,900	197,900	190,600		220
230	129,700	136,700	148,300	159,000	170,400	175,200	179,800	184,200	188,400	192,400	188,900		230
240		132,300	143,800	154,200	165,400	170,200	174,700	179,100	183,200	187,200	187,300		240
250			139,500	149,700	160,800	165,500	169,900	174,200	178,400	182,300	185,800		250
260				145,600	156,400	161,100	165,500	169,700	173,800	177,800	177,300		260
270				141,800	152,400	156,900	161,300	165,500	169,500	173,400	168,000		270
280					148,700	153,100	157,400	161,500	165,500	168,100	159,200		280
290						149,500	153,700	157,800	161,700	159,300	150,900		290
300							150,300	154,300	154,400	151,000	142,900		300
310								148,500	145,500	143,000	135,400		310
320									140,300	137,300	128,100		320
330										129,500	121,200		330
340											119,800	114,500	340



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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	360		380
120	201,200												120
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	195,200	181,600		150
160	159,700	166,700	178,800	189,200	200,700	204,700	208,500	212,000	206,300	192,400	179,200		160
170	151,800	158,800	170,700	181,000	192,400	196,500	200,300	204,000	202,900	189,400	176,700		170
180	144,800	151,700	163,400	173,500	184,800	188,900	192,800	196,500	199,600	186,600	174,600		180
190	138,300	145,200	156,700	166,700	177,700	181,900	185,900	189,600	193,200	183,900	171,900		190
200	132,500	139,200	150,600	160,400	171,300	175,500	179,500	183,200	186,800	181,400	169,700		200
210	127,200	133,800	144,900	154,500	165,300	169,500	173,500	177,300	180,900	179,000	167,600		210
220	122,300	128,700	139,700	149,200	159,700	163,900	167,900	171,700	175,300	176,800	165,700		220
230	117,800	124,100	134,900	144,200	154,600	158,800	162,700	166,500	170,200	173,600	163,900		230
240	113,700	119,900	130,400	139,600	149,800	153,900	157,900	161,700	165,300	168,800	162,300		240
250		116,000	126,300	135,300	145,300	149,400	153,400	157,100	160,700	164,200	160,700		250
260		112,400	122,500	131,300	141,200	145,200	149,100	152,900	156,400	159,900	159,300		260
270			118,900	127,600	137,300	141,300	145,100	148,800	152,400	155,800	148,200		270
280				124,100	133,700	137,600	141,400	145,100	148,600	152,000	143,700		280
290					130,300	134,200	137,900	141,500	145,000	148,300	141,900		290
300					127,100	130,900	134,600	138,200	141,600	144,900	140,100		300
310						127,900	131,500	135,000	138,400	141,300	133,400		310
320							128,600	132,000	135,400	133,900	126,400		320
330								129,200	130,600	126,900	119,700		330
340									123,300	120,100	113,300		340
350									116,100	113,500	107,000		350
360										107,100	101,000		360