

JIB LIFTING CAPACITIES

**JIB NO. 27AB WITH 41'0" STRUT ON
BOOM NO. 65 — 60 FT. RINGER ATTACHMENT
978,700 LB. AUXILIARY COUNTERWEIGHT**

MEETS
ANSI B30.5
REQUIREMENTS

**4600 SERIES-4
RINGER® - SERIES-3**

12 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	
	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	453,900	444,700	394,100	355,300				110
	115	346,000	363,700	388,900	412,700	438,600	440,900	390,600	352,400	319,800			115
	120	333,000	350,400	375,300	398,700	424,300	435,900	387,200	349,300	317,200	294,800	261,400	120
	125	320,900	338,100	362,600	385,800	410,900	422,500	383,800	346,400	314,600	294,700	261,400	125
	130	309,700	326,700	350,900	373,600	398,400	410,000	380,500	343,400	312,000	292,500	261,400	130
	135	299,300	316,000	339,800	362,300	386,600	398,200	377,200	340,500	309,500	290,400	261,400	135
	140	289,600	306,100	329,500	351,600	375,600	387,100	374,000	337,700	307,000	288,300	261,400	140
	150	272,000	287,900	310,700	332,100	355,400	366,700	367,800	332,200	302,100	284,100	261,400	150
	160	256,500	271,900	294,000	314,700	337,300	348,500	359,100	326,900	297,500	280,100	261,400	160
	170	242,700	257,600	279,100	299,200	321,100	332,100	342,500	321,900	293,100	276,300	259,800	170
	180	230,400	244,800	265,700	285,200	306,500	317,200	327,500	317,100	288,800	272,700	256,800	180
	190	219,400	233,300	253,600	272,500	293,200	303,700	313,800	312,600	284,500	269,300	253,800	190
	200	209,500	222,900	242,600	261,000	281,100	291,400	298,300	294,000	280,400	265,900	251,100	200
	210	200,500	213,500	232,600	250,500	270,000	280,100	277,300	274,600	263,800	251,800	239,500	210
	220	192,400	204,900	223,500	240,800	259,900	261,600	258,400	255,700	248,600	237,300	225,500	220
	230	185,000	197,100	215,200	232,000	247,700	244,600	241,400	238,700	234,500	223,900	212,700	230
	240		190,000	207,600	223,900	232,300	229,200	226,000	223,300	220,100	211,400	200,800	240
	250			200,600	216,400	218,300	215,200	212,000	209,300	206,100	199,900	189,800	250
	260			194,100	200,900	205,500	202,400	199,200	196,500	193,300	189,000	179,400	260
	270				184,900	189,600	190,700	187,400	184,700	181,500	178,800	169,700	270
	280					174,500	178,300	176,600	173,900	170,700	168,000	160,600	280
	290					160,500	164,100	166,600	163,900	160,700	158,000	151,900	290
	300						151,000	153,600	154,600	151,400	148,700	143,700	300
	310							141,100	143,800	142,800	140,100	135,800	310
	320							129,500	132,100	133,500	132,000	128,300	320
	330								121,100	122,400	124,100	121,100	330
	340									112,000	113,600	114,100	340
	350									102,200	103,700	104,200	350
	360										94,400	94,800	360



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BOOM NO. 65 — 60 FT. RINGER ATTACHMENT
978,700 LB. AUXILIARY COUNTERWEIGHT

12 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.

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	
	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	368,500	377,500	335,300	301,400	272,800	255,300		125
	130	280,800	294,900	315,900	335,800	357,300	366,400	332,300	298,600	270,400	253,100	233,400	130
	135	271,300	285,300	306,000	325,600	346,900	356,000	329,300	295,900	268,000	251,100	233,400	135
	140	262,500	276,300	296,800	316,100	337,000	346,100	326,300	293,300	265,600	249,000	232,800	140
	150	246,400	259,900	279,800	298,600	318,900	328,000	320,500	288,100	261,000	245,000	229,300	150
	160	232,200	245,300	264,700	283,000	302,700	311,700	315,000	284,300	256,600	241,100	225,900	160
	170	219,600	232,300	251,200	268,900	288,200	297,100	305,600	278,500	253,200	237,400	222,700	170
	180	208,300	220,700	239,000	256,300	275,000	283,800	292,100	274,000	248,000	234,000	219,700	180
	190	198,200	210,200	228,000	244,800	263,000	271,600	279,900	269,700	243,900	230,300	216,800	190
	200	189,000	200,700	218,100	234,300	252,100	260,600	268,700	265,700	240,000	226,900	213,900	200
	210	180,700	192,000	208,900	224,800	242,100	250,400	258,400	261,900	236,400	223,700	211,100	210
	220	173,200	184,100	200,600	216,000	232,900	241,000	248,900	256,000	233,000	220,700	208,500	220
	230	166,300	176,900	193,000	208,000	224,400	232,400	240,100	239,700	229,700	217,900	206,100	230
	240	160,000	170,300	185,900	200,500	216,600	224,400	226,800	224,200	217,500	207,300	196,600	240
	250	154,300	164,200	179,500	193,700	209,300	215,900	212,700	210,000	205,700	196,000	185,800	250
	260		158,600	173,500	187,300	202,600	203,000	199,800	197,100	194,000	185,500	175,700	260
	270			168,000	181,500	194,200	191,200	188,000	185,300	182,200	175,600	166,300	270
	280				176,000	180,700	180,300	177,100	174,400	171,200	166,300	157,400	280
	290				162,700	166,600	170,000	167,000	164,300	161,200	157,500	149,000	290
	300					153,500	156,600	157,700	155,000	151,800	149,100	141,000	300
	310						144,200	146,500	146,300	143,100	140,500	133,400	310
	320						132,700	134,700	137,100	135,000	132,400	126,200	320
	330							123,800	125,900	127,100	124,800	119,200	330
	340								115,500	116,600	117,700	112,500	340
	350								105,800	106,700	108,000	106,000	350
	360									97,400	98,500	98,900	360
	370										89,700	89,900	370
	380										81,300	81,500	380

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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	
	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	224,600	206,400	135
	140	249,300	261,900	275,400	287,500	299,800	307,300	293,500	263,300	237,900	222,600	206,400	140
	150	233,700	245,900	259,300	271,200	283,400	290,800	288,100	258,300	233,400	218,600	204,300	150
	160	219,900	231,800	244,900	256,700	268,600	276,100	282,800	253,500	229,100	214,800	201,000	160
	170	207,600	219,200	232,100	243,600	255,400	262,800	269,800	249,000	225,000	211,200	197,800	170
	180	196,600	207,900	220,500	231,800	243,400	250,700	257,700	244,600	220,700	207,600	194,700	180
	190	186,700	197,700	210,000	221,100	232,500	239,700	246,600	240,500	216,700	204,000	192,400	190
	200	177,700	188,400	200,500	211,300	222,500	229,600	236,400	236,500	212,900	200,700	188,700	200
	210	169,600	180,000	191,800	202,400	213,400	220,400	227,100	232,800	209,300	197,500	185,900	210
	220	162,200	172,300	183,900	194,200	205,000	211,900	218,500	224,900	205,900	194,500	183,300	220
	230	155,400	165,200	176,600	186,700	197,300	204,000	210,500	216,800	202,700	191,700	180,800	230
	240	149,200	158,700	169,900	179,700	190,100	196,700	203,100	209,300	199,700	189,000	178,400	240
	250	143,500	152,800	163,700	173,300	183,500	190,000	196,300	202,300	196,900	186,500	176,200	250
	260	138,300	147,300	157,900	167,300	177,400	183,700	189,900	195,800	191,600	182,300	172,500	260
	270		142,200	152,600	161,800	171,600	177,900	183,900	186,000	181,500	172,700	163,300	270
	280		137,500	147,700	156,700	166,300	172,400	177,800	175,100	172,000	163,600	154,600	280
	290			143,100	151,900	161,300	167,300	167,600	165,000	161,800	155,100	146,400	290
	300				147,400	156,700	161,400	158,300	155,600	152,400	146,900	138,700	300
	310				143,300	146,800	149,500	149,600	146,900	143,700	139,200	131,300	310
	320					135,400	137,900	139,800	138,700	135,600	131,700	124,300	320
	330						127,000	128,700	130,700	128,000	124,600	117,500	330
	340							118,400	120,200	120,900	117,800	111,000	340
	350							108,600	110,300	111,100	111,200	104,800	350
	360								101,100	101,700	102,800	98,800	360
	370									92,900	93,800	92,900	370
	380									84,500	85,400	85,400	380
	390										77,400	77,300	390