

JIB LIFTING CAPACITIES

**JIB NO. 27AB WITH 41'0" STRUT ON
BOOM NO. 65 — 60 FT. RINGER ATTACHMENT
889,300 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-B. 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	323,200	317,100	288,800	272,700	256,800	180
	190	219,400	233,300	253,600	272,500	293,200	301,100	298,000	295,300	284,500	269,300	253,800	190
	200	209,500	222,900	242,600	261,000	281,100	278,900	275,700	273,000	269,900	265,900	251,100	200
	210	200,500	213,500	232,600	250,500	262,100	259,100	255,900	253,200	250,100	247,400	239,500	210
	220	192,400	204,900	223,500	240,800	244,400	241,400	238,200	235,500	232,300	229,600	225,500	220
	230	185,000	197,100	215,200	231,400	228,400	225,400	222,200	219,500	216,300	213,600	210,500	230
	240		190,000	207,600	216,900	214,000	210,900	207,700	205,000	201,800	199,100	196,000	240
	250			200,600	203,700	200,800	197,700	194,500	191,800	188,600	185,900	182,800	250
	260			188,000	191,700	188,700	185,700	182,500	179,800	176,500	173,900	170,700	260
	270				177,400	177,700	174,600	171,400	168,700	165,500	162,800	159,600	270
	280					167,200	164,500	161,200	158,500	155,300	152,600	149,400	280
	290					153,600	155,000	151,800	149,100	145,900	143,200	140,000	290
	300						144,200	143,100	140,400	137,100	134,400	131,300	300
	310							134,500	132,200	129,000	126,300	123,100	310
	320							123,200	124,700	121,400	118,800	115,600	320
	330								114,900	114,400	111,700	108,500	330
	340									105,900	105,100	101,900	340
	350									96,400	97,700	95,700	350
	360										88,700	89,000	360



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12 DEGREE JIB OFFSET ANGLE

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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	
	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	130
	135	271,300	285,300	306,000	325,600	346,900	356,000	329,300	295,900	268,000	251,100	135
	140	262,500	276,300	296,800	316,100	337,000	346,100	326,300	293,300	265,600	249,000	140
	150	246,400	259,900	279,800	298,600	318,900	328,000	320,500	288,100	261,000	245,000	150
	160	232,200	245,300	264,700	283,000	302,700	311,700	315,000	284,300	256,600	241,100	160
	170	219,600	232,300	251,200	268,900	288,200	297,100	305,600	278,500	253,200	237,400	170
	180	208,300	220,700	239,000	256,300	275,000	283,800	292,100	274,000	248,000	234,000	180
	190	198,200	210,200	228,000	244,800	263,000	271,600	279,900	269,700	243,900	230,300	190
	200	189,000	200,700	218,100	234,300	252,100	260,600	268,700	265,700	240,000	226,900	200
	210	180,700	192,000	208,900	224,800	242,100	250,400	257,000	254,400	236,400	223,700	210
	220	173,200	184,100	200,600	216,000	232,900	241,000	239,200	236,500	233,000	220,700	220
	230	166,300	176,900	193,000	208,000	224,400	266,200	223,100	220,400	217,300	214,700	230
	240	160,000	170,300	185,900	200,500	214,600	211,600	208,500	205,800	202,700	200,100	240
	250	154,300	164,200	179,500	193,700	201,400	198,400	195,200	192,600	189,400	186,800	250
	260		158,600	173,500	187,300	189,300	186,300	183,100	180,400	177,300	174,600	260
	270			168,000	181,100	178,100	175,100	172,000	169,300	166,100	163,500	270
	280				169,300	167,900	164,900	161,700	159,000	155,800	153,200	280
	290				155,800	158,400	155,400	152,200	149,500	146,300	143,700	290
	300					146,800	146,600	143,400	140,700	137,500	134,900	300
	310						137,700	135,200	132,600	129,400	126,700	310
	320						126,400	127,600	124,900	121,700	119,100	320
	330							117,600	117,800	114,600	111,900	330
	340								109,500	107,900	105,300	340
	350								100,000	100,700	99,000	350
	360									91,700	92,700	360
	370										84,100	370
	380										76,000	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	206,700	199,700	189,000	178,400	240
	250	143,500	152,800	163,700	173,300	183,500	190,000	196,000	193,400	190,300	186,500	176,200	250
	260	138,300	147,300	157,900	167,300	177,400	183,700	183,800	181,200	178,100	175,500	172,400	260
	270		142,200	152,600	161,800	171,600	175,800	172,700	170,000	166,900	164,300	161,200	270
	280		137,500	147,700	156,700	166,300	165,500	162,400	159,700	156,600	153,900	150,900	280
	290			143,100	151,900	159,000	156,000	152,800	150,100	147,000	144,400	141,300	290
	300				147,400	150,200	147,200	144,000	141,300	138,200	135,500	132,400	300
	310				137,200	140,300	139,000	135,800	133,100	130,000	127,300	124,200	310
	320					129,100	131,300	128,100	125,400	122,300	119,600	116,500	320
	330						120,900	121,000	118,300	115,100	112,500	109,400	330
	340							112,300	111,600	108,400	105,700	102,600	340
	350							102,900	104,400	102,100	99,400	96,300	350
	360								95,400	95,900	93,500	90,400	360
	370									87,300	87,900	84,800	370
	380									79,200	79,900	79,500	380
	390										72,100	71,900	390