

WEIGHTS
4100W SERIES-1 and 2

DESCRIPTION

APPROXIMATE WEIGHT
(POUNDS)

Liftcrane — with 70' No. 22C boom, crane counterweight, universal gantry with telescopic backhitch, 26'6" crawlers with 48" treads, full width tandem drums, independent swing, independent boom hoist, Cummins NTA-855-C360 engine, 27-5/8" diameter lagging for rear drum, boom hoist rope, equalizer, telescopic air cushioned boom stop, 200 ton hook block, 15 ton hook and weight ball, single sheave upper boom point, and upper wire rope guide S-1 — 366,575 *
S-2 — 450,575 *

Upperworks — with Cummins NTA-855-C360 engine, independent swing, independent boom hoist, and 27-5/8" diameter lagging for rear drum; **LESS** boom, gantry and backhitch, equalizer, hook block, weight ball, counterweight, telescopic air cushioned boom stop and catwalk..... 80,620 *

Upperworks — as above with gantry and backhitch, equalizer, boom hoist rope, and carbody; **LESS** crawlers 141,365 *

*Weights do not include hoist line, whip line or fuel. For Caterpillar D-343TA **add** 1,170 lbs.; for Caterpillar 3406 PCTA **add** 100 lbs.; for GM 12V-71N **add** 600 lbs.

Carbody — with roller path, ring gear, and king pin; **LESS** crawlers 49,700

Crawlers — 26'6" with 48" treads 38,405 each

Counterweight

Inner (Self-Removing) 41,900
Middle (Self-Removing) 41,500
Outer (Self-Removing) 39,000
Upper Side (2) (Series-2 only) 12,000 each
Carbody (2) (Series-2 only) 30,000 each

No. 22C Open Throat Boom Top

Boom Top — 40' (with lower boom point assembly) 8,770
Basic Pendant — 40' 9-3/4" (4) 250 each
Upper Boom Point (single sheave) 1,260
(double sheave) 1,510
Jib Adapter..... 540
Offset Link (2) 60 each

No. 22A Light Tapered Boom Top

Tapered Boom Top — 50' (with lower boom point assembly) 5,980
Tapered Boom Insert — 30' 3,610
Basic Pendant — 40' 9-3/4" (4) 250 each
Upper Boom Point 720
Wire Rope Anchor Joint 140

No. 22A Hammerhead Boom Top

Boom Top — 10' (with boom point and wire rope guide assembly) 5,510
Tapered Boom Insert — 30' 3,610
Basic Pendant — 37'11" (4) 215 each
Upper Boom Point 275

DESCRIPTION

APPROXIMATE WEIGHT
(POUNDS)

No. 22A and 22C Boom Butt, Inserts, and Pendants

Boom Butt — 30'0"	6,320
Boom Insert — 40'0" (with Jib Backstay and Wire Rope Roller Guide)	4,560
Boom Insert — 40'0"	4,460
Boom Insert — 20'0"	2,480
Boom Insert — 10'0"	1,400
Pendant — 40' (4 per Insert)	215 each
Pendant — 20' (4 per Insert)	155 each
Pendant — 10' (4 per Insert)	115 each
Pendant Spreader Bar.....	440
Wire Rope Guide Assembly (Upper).....	550
Wire Rope Guide Assembly (Lower).....	325
Wire Rope Roller Guide Assembly	55
Equalizer with Pendant Links	2,160
Telescopic Boom Stop	675
Platform for Butt.....	100
Removable Equalizer Rail (2)	50 each
Pendant Attaching Lug with Link for Boom Handling (2).....	250 each
Pendant Rubbing Frame (4)	50 each

No. 123 Jib

Jib Top — 15'0" (with Jib Point)	695
Jib Butt — 15'0"	600
Jib Insert — 10'0"	340
Basic Pendant — 33' 3-3/4" (2)	115 each
Pendant — 10' (2 per Insert)	65 each
Jib Backstay Pendant — 50'4" (2)	90 each
Jib Strut — 12'6"	390

Components

Hook Rollers with Shafts (6)	170 each
Light Plant with Mounting Platform — 6.5 KW.....	1,390
Catwalk — Right and Left Side with Rails.....	1,320
Lagging — 27-5/8" Diameter (Plain).....	1,440
12 - Part Gantry with Telescopic Backhitch	7,805
Boom Hoist Wire Rope — 12 Part, 760' of 7/8" 6x26	1,080
Hoist Line — 1-1/8" 6x31	2.34 lbs./ft.
Whip Line — 1-1/8" 6x31	2.34 lbs./ft.
15 Ton Hook and Weight Ball	865
100 Ton Hook Block Assembly (LESS 2-1,225 Lbs. Weight Plates).....	3,220
200 Ton Hook Block Assembly	4,815
230 Ton Hook Block Assembly	5,660
Dragline Fairlead — Revolving	1,910
Dragline Fairlead — Hinged	8,180

NOTE Weights may fluctuate ±5% due to manufacturing tolerances. Also, weights of various small components have been omitted from this weight sheet.

DESCRIPTION	NOTE Weights may fluctuate ±5% due to manufacturing tolerances. Also, weights of various small components have been omitted from this weight sheet.	APPROXIMATE WEIGHT (POUNDS)
Liftcrane — with 33 foot stationary tower with container handling system, 80 foot number 22A boom, 242,400 pounds crane counterweight, elevated operator's cab with stairway, gantry, full width front and rear drums with 19-7/8 inch diameter grooved lagging on each drum, independent swing, independent boom hoist with boom hoist wire rope, Cummins NTA-885-C400 engine with VICON® controlled torque converters, 26 foot 6 inch crawlers with 48 inch treads, telescopic air cushioned boom stops, sheave carrier, upper wire rope guide assembly, two container handling blocks, and two 40 ton swivel hook blocks		
		502,280 *
Upperworks — with Cummins NTA-855-C400 engine with VICON controlled converters, full width front and rear drums with 19-7/8 inch grooved lagging on each drum, independent swing, and independent boom hoist; LESS crane counterweights, elevated operators cab with stairway, gantry, boom hoist wire rope, stationary tower with tagline drums, boom, sheave carrier, telescopic boom stops, two container handling blocks, and two 40 ton swivel hook blocks.		
		77,375 *
Upperworks — as above with gantry, boom hoist wire rope, sheave carrier, and carbody; LESS crawlers.		
		133,385 *
*Weights do not include hoist line, whip line, fuel and lubricants.		
Carbody — with roller path, ring gear, and king pin; LESS crawlers		47,760
Crawlers — 26 foot 6 inches with 48 inch treads.		38,730 each
Counterweight		
Inner (self-removing)		41,900
Middle (self-removing)		41,500
Outer (self-removing)		39,000
Upper Side (2)		30,000 each
Carbody (2)		30,000 each
33 Foot Stationary Tower		
Tower — 33'-0" (with container handling system)		10,275
Boom Strut		1,600
Main Strut		2,260
Link (2)		485 each
Tower Cap Wire Rope Guide		865
Sheave Carrier		1,390
Tower Backstay		2,535
Strut for Tower Backstay (2)		35 each
Pendant Link (2)		125 each
Fairlead Assembly (2)		105 each
Sheave Assembly (with mounting channel)		340
Winch Assembly (with mounting plate)		1,215
Boom No. 22A		
Boom Butt — 30'-0" (with wire rope roller guide and strut supports)		6,320
Boom Top — 50'-0" (with sheaves in point, two wedge sockets, and wire rope roller guide)		7,010
Boom Insert 40'-0"		4,300
Boom Insert 20'-0"		2,450
Boom Insert 10'-0"		1,450
Basic Pendant — 68'-4" (4)		280 each
Pendant — 40'-0" (4)		175 each
Pendant — 20'-0" (4)		125 each
Pendant — 10'-0" (4)		90 each
Wire Rope Guide Assembly (boom top)		325
Wire Rope Roller Guide Assembly (inserts)		55 each
Pendant Link with Pin (2)		90 each

Components

Hook Rollers with Shafts (6)	170 each
Drum with Lagging — 19-7/8" Diameter, Grooved (2)	2,260 each
Gantry with Backhitch	5,745
Boom Hoist Wire Rope — 14 Part, 875' of 7/8" 6x26	1,287
Hoist Line Rope — 1-1/8" 6x31	2.34 lbs./ft.
Tagline Wire Rope — (2) 560' of 3/8" 6x19	145 each
40 Ton Swivel Hook Block	1,050
Telescopic Air Cushioned Boom Stop	1,170
Container Handling Blocks with Attachment Beam	630

REFERENCE MANUAL CHECKLIST

SEND ORDER FORM TO: ADVERTISING DEPARTMENT, MANITOWOC ENGINEERING CO.
P.O. Box 70, MANITOWOC, WISCONSIN 54220

SHIPPING INSTRUCTIONS:

FIRM: _____

ADDRESS: _____

CITY, STATE, ZIP: _____

ATTN: _____

4100W S-2

DATED: 08-14-85

Quan.	No.	Date	Description
_____	7809		ANNOUNCEMENT BROCHURE
_____	160299-1/2	03-25-83	OUTLINE DIMENSIONS
★ _____	962-1/2	07-10-84	WEIGHTS
			BOOM NO. 22C — OPEN THROAT TOP <i>Meets ANSI B30.5 Code</i>
★ _____	190693	07-13-83	RIGGING ASSEMBLY DRAWING
★ _____	6934-A	04-26-84	LIFT CAPACITIES
			JIB NO. 123 LIFT CAPACITIES
			70' thru 100' Boom
	6935-G	07-09-79	0° Jib Offset Angle
_____	6935-H	07-09-79	10° Jib Offset Angle
_____	6935-I	07-09-79	20° Jib Offset Angle
			110' thru 240' Boom
	6935-A	11-10-78	0° Jib Offset Angle
_____	6935-B	11-10-78	10° Jib Offset Angle
_____	6935-C	11-10-78	20° Jib Offset Angle
			BOOM NO. 22C — 4½° OFFSET TOP <i>Meets ANSI B30.5 Code</i>
★ _____	6934-B	04-26-84	LIFT CAPACITIES
			JIB NO. 123 LIFT CAPACITIES
			70' thru 100' Boom
	6936-G	07-09-79	0° Jib Offset Angle
_____	6936-H	07-09-79	10° Jib Offset Angle
_____	6936-I	07-09-79	20° Jib Offset Angle
			110' thru 240' Boom
	6936-A	01-25-78	0° Jib Offset Angle
_____	6936-B	01-25-78	10° Jib Offset Angle
_____	6936-C	01-25-78	20° Jib Offset Angle
			BOOM NO. 22A — HAMMERHEAD TOP <i>Meets ANSI B30.5 Code</i>
	190993	09-05-80	RIGGING ASSEMBLY DRAWING
★ _____	6961-A	04-26-84	LIFT CAPACITIES
			JIB NO. 123 LIFT CAPACITIES
	6969-A	02-27-80	5° Jib Offset Angle
_____	6969-B	02-27-80	10° Jib Offset Angle
_____	6969-C	02-27-80	20° Jib Offset Angle
			BOOM NO. 22A — LIGHT TAPERED TOP <i>Meets ANSI B30.5 Code</i>
★ _____	50935	03-07-83	RIGGING ASSEMBLY DRAWING
★ _____	7342-A	03-24-83	LIFT CAPACITIES
			JIB NO. 123 LIFT CAPACITIES
	7343-A	03-24-83	0° Jib Offset Angle
★ _____	7343-B	03-24-83	10° Jib Offset Angle
★ _____	7343-C	03-24-83	20° Jib Offset Angle
			(Continued on reverse side.)
			★New or revised item contained in this mailing

REFERENCE MANUAL CHECKLIST

SEND ORDER FORM TO: ADVERTISING DEPARTMENT, MANITOWOC ENGINEERING CO.
P.O. Box 70, MANITOWOC, WISCONSIN 54220

SHIPPING INSTRUCTIONS:

FIRM: _____

ADDRESS: _____

CITY, STATE, ZIP: _____

ATTN: _____

4100W S-2

DATED: 08-14-85

Quan.	No.	Date	Description
_____	Bulletin 1	02-17-84	CONTAINER-HANDLING ASSEMBLY
_____	161579	03-25-83	CONTAINER-HANDLING ASSEMBLY
_____	1139-1/2	06-15-83	OUTLINE DIMENSIONS
_____	161323	03-22-83	WEIGHTS
_____	191538	10-21-83	RIGGING ASSEMBLY DRAWING
_____		04-06-83	RANGE DIAGRAM
			LIFT CAPACITIES
★New or revised item contained in this mailing.			

JIB LIFTING CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS**4100W**
4100W SERIES-1**JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22A WITH LIGHT TAPERED TOP
26'6" CRAWLERS EXTENDED****0 DEGREE JIB OFFSET ANGLE**

Chart supplements boom capacity chart No. 6266-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, travel, as well as adverse operating conditions and physical machine depreciation.

Capacities do not exceed **75%** of a static tipping load with machine on 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 beneath boom and jib point sheaves, etc., including those on the main boom 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. Maximum capacity on 1 1/8 in. — 6x31 IPS, IWRC is 28,300 lbs./line.

30 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																		JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																		
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270		
	80 *	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	80 *	
	85	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	39,800	39,300	38,800	38,200	37,900	37,400	36,900	85	
	90	40,000	40,000	40,000	39,900	39,400	38,800	38,500	38,000	37,500	36,900	36,600	36,000	35,600	35,000	34,700	34,200	33,700	90	
	100	36,300	35,600	35,100	34,500	34,100	33,500	33,200	32,600	32,100	31,600	31,200	30,700	30,200	29,600	29,300	28,800	28,300	100	
	110	32,000	31,400	30,800	30,200	29,800	29,200	28,900	28,300	27,800	27,300	26,900	26,400	25,900	25,300	25,000	24,500	24,000	110	
	120	28,500	27,900	27,300	26,700	26,200	25,700	25,400	24,800	24,300	23,700	23,400	22,800	22,300	21,800	21,500	20,900	20,400	120	
	130		24,900	24,400	23,800	23,300	22,700	22,400	21,800	21,400	20,800	20,400	19,900	19,400	18,800	18,500	18,000	17,500	130	
140			21,900	21,300	20,800	20,200	19,900	19,300	18,900	18,300	17,900	17,400	16,900	16,300	16,000	15,500	15,000	140		
150				19,100	18,700	18,100	17,800	17,200	16,700	16,100	15,800	15,200	14,700	14,200	13,900	13,300	12,800	150		
160						16,200	15,900	15,300	14,900	14,300	13,900	13,400	12,900	12,300	12,000	11,400	10,900	160		
170							14,300	13,700	13,200	12,600	12,300	11,700	11,200	10,700	10,400	9,800	9,300	170		
180								12,300	11,800	11,200	10,900	10,300	9,800	9,200	8,900	8,300	7,900	180		
190									10,500	9,900	9,600	9,000	8,500	7,900	7,600	7,100	6,600	190		
200										8,800	8,400	7,800	7,400	6,800	6,500	5,900	5,400	200		
210											7,400	6,800	6,300	5,700	5,400	4,900	4,400	210		
220												5,400	4,800	4,500				220		

40 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260		
	95 *	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000		95 *
	100	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	29,900	29,600	29,000		100
	110	30,000	30,000	30,000	30,000	30,000	29,400	29,100	28,500	28,100	27,500	27,100	26,600	26,100	25,600	25,200	24,700		110
	120	28,600	28,000	27,500	26,900	26,400	25,900	25,600	25,000	24,500	23,900	23,600	23,000	22,600	22,000	21,700	21,100		120
	130	25,700	25,100	24,500	24,000	23,500	22,900	22,600	22,000	21,600	21,000	20,600	20,100	19,600	19,000	18,700	18,200		130
	140		22,600	22,100	21,500	21,000	20,400	20,100	19,500	19,100	18,500	18,100	17,600	17,100	16,500	16,200	15,700		140
	150			19,900	19,300	18,900	18,300	18,000	17,400	16,900	16,300	16,000	15,400	14,900	14,400	14,100	13,500		150
160					17,000	16,400	16,100	15,500	15,000	14,500	14,100	13,600	13,100	12,500	12,200	11,600		160	
170						14,800	14,500	13,900	13,400	12,800	12,500	11,900	11,400	10,900	10,500	10,000		170	
180							13,000	12,400	12,000	11,400	11,000	10,500	10,000	9,400	9,100	8,500		180	
190								11,200	10,700	10,100	9,800	9,200	8,700	8,100	7,800	7,200		190	
200									9,500	9,000	8,600	8,000	7,500	7,000	6,700	6,100		200	
210												7,600	7,000	6,500	5,900	5,600	5,100		210
220													6,100	5,600	5,000	4,700	4,100		220

50 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260		
	120 *	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		120 *
	130	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	19,800	19,300	18,900	18,400		130
	140	20,000	20,000	20,000	20,000	20,000	20,000	20,000	19,700	19,200	18,700	18,300	17,800	17,300	16,700	16,400	15,900		140
	150		20,000	20,000	19,500	19,000	18,400	18,100	17,600	17,100	16,500	16,200	15,600	15,100	14,600	14,300	13,700		150
	160			18,200	17,600	17,200	16,600	16,300	15,700	15,200	14,700	14,300	13,700	13,300	12,700	12,400	11,800		160
	170					15,500	14,900	14,600	14,100	13,600	13,000	12,700	12,100	11,600	11,100	10,700	10,200		170
	180						13,500	13,200	12,600	12,100	11,600	11,200	10,700	10,200	9,600	9,300	8,700		180
190							11,900	11,300	10,900	10,300	9,900	9,400	8,900	8,300	8,000	7,400		190	
200								10,200	9,700	9,100	8,800	8,200	7,700	7,200	6,800	6,300		200	
210									8,700	8,100	7,700	7,200	6,700	6,100	5,800	5,200		210	
220										7,200	6,800	6,200	5,700	5,200	4,900	4,300		220	
230												5,400	4,900	4,300	4,000			230	

60 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250			
	150 *	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			150 *
	160		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			160
	170			10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			170
	180				10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	9,700	9,300			180
	190						10,000	10,000	10,000	10,000	10,000	10,000	9,400	8,900	8,400	8,100			190
	200							10,000	10,000	9,800	9,200	8,800	8,300	7,800	7,200	6,900			200
	210								9,200	8,700	8,200	7,800	7,200	6,800	6,200	5,900			210
220									7,800	7,200	6,900	6,300	5,800	5,300	4,900			220	
230											6,400	6,000	5,500	5,000	4,400	4,100			230
240												5,200	4,700	4,200					240

JIB LIFTING CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS**4100W**
4100W SERIES-1**JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22A WITH LIGHT TAPERED TOP
26'6" CRAWLERS EXTENDED****10 DEGREE JIB OFFSET ANGLE**

Chart supplements boom capacity chart No. 6266-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, travel, as well as adverse operating conditions and physical machine depreciation.

Capacities do not exceed **75%** of a static tipping load with machine on 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 beneath boom and jib point sheaves, etc., including those on the main boom 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. Maximum capacity on 1 1/8 in. — 6x31 IPS, IWRC is 28,300 lbs./line.

30 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	
	80 *	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	80 *
	85	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	39,600	39,100	38,800	38,300	37,900	85
	90	40,000	40,000	40,000	40,000	39,900	39,400	39,100	38,600	38,100	37,600	37,300	36,800	36,300	35,800	35,500	35,100	34,600	90
	95	39,100	38,500	38,000	37,400	37,000	36,500	36,200	35,700	35,300	34,700	34,400	33,900	33,400	32,900	32,600	32,100	31,700	95
	100	36,500	35,900	35,400	34,900	34,500	33,900	33,700	33,100	32,700	32,200	31,800	31,300	30,900	30,400	30,100	29,600	29,100	100
	110	32,200	31,600	31,100	30,600	30,100	29,600	29,300	28,800	28,300	27,800	27,400	26,900	26,500	26,000	25,700	25,100	24,700	110
	120		28,100	27,500	27,000	26,600	26,000	25,700	25,200	24,700	24,200	23,900	23,300	22,900	22,300	22,000	21,500	21,100	120
	130				24,000	23,600	23,000	22,700	22,200	21,700	21,200	20,900	20,300	19,900	19,300	19,000	18,500	18,000	130
	140					21,000	20,500	20,200	19,600	19,200	18,600	18,300	17,800	17,300	16,800	16,500	15,900	15,500	140
	150						18,300	18,000	17,500	17,000	16,500	16,100	15,600	15,100	14,600	14,300	13,700	13,300	150
	160								15,600	15,100	14,600	14,200	13,700	13,200	12,700	12,400	11,800	11,400	160
	170								13,400	12,900	12,600	12,000	11,500	11,000	10,700	10,200	9,700		170
	180									11,400	11,100	10,500	10,100	9,500	9,200	8,700	8,200		180
	190											9,200	8,800	8,200	7,900	7,400	6,900		190
	200												7,600	7,000	6,700	6,200	5,700		200
	210													6,000	5,700	5,100	4,600		210

40 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260		
	95 *	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000		95 *
	100	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000		100
	110	27,900	29,200	30,000	30,000	30,000	29,900	29,600	29,100	28,700	28,100	27,800	27,300	26,900	26,400	26,100	25,600		110
	120	26,100	27,300	27,800	27,300	26,800	26,300	26,000	25,500	25,100	24,500	24,200	23,700	23,200	22,700	22,400	21,900		120
	130			24,800	24,300	23,800	23,300	23,000	22,500	22,000	21,500	21,200	20,700	20,200	19,700	19,400	18,900		130
	140				21,700	21,300	20,700	20,500	19,900	19,500	18,900	18,600	18,100	17,600	17,100	16,800	16,300		140
	150					19,100	18,500	18,300	17,700	17,300	16,700	16,400	15,900	15,400	14,900	14,600	14,100		150
	160							16,400	15,800	15,400	14,800	14,500	14,000	13,500	13,000	12,700	12,100		160
	170								14,100	13,700	13,200	12,800	12,300	11,800	11,300	11,000	10,500		170
	180									12,200	11,700	11,300	10,800	10,300	9,800	9,500	9,000		180
	190											10,000	9,500	9,000	8,500	8,200	7,600		190
	200												8,300	7,800	7,300	7,000	6,400		200
	210													6,800	6,200	5,900	5,400		210
	220															4,900	4,400		220

50 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260		
	125 *	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		125 *
	130	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	19,800	19,300		130
	140		20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	19,800	19,300	18,900	18,400	18,000	17,500	17,200		140
	150				19,800	19,400	18,800	18,500	18,000	17,600	17,000	16,700	16,200	15,800	15,200	14,900	14,400		150
	160					17,400	16,900	16,600	16,100	15,700	15,100	14,800	14,300	13,800	13,300	13,000	12,500		160
	170						15,200	14,900	14,400	14,000	13,400	13,100	12,600	12,100	11,600	11,300	10,800		170
	180								12,900	12,500	11,900	11,600	11,100	10,600	10,100	9,800	9,300		180
	190								11,200	10,600	10,300	9,800	9,300	8,800	8,500	7,900			190
	200									9,400	9,100	8,600	8,100	7,600	7,300	6,700			200
	210											7,500	7,000	6,500	6,200	5,700			210
	220												6,000	5,500	5,200	4,700			220
	230													4,600	4,300				230

60 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250			
	140 *	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			140 *
	150		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			150
	160				10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			160
	170					10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			170
	180						10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			180
	190							10,000	10,000	10,000	10,000	10,000	9,900	9,400	8,900	8,600			190
	200								10,000	9,600	9,200	8,700	8,300	7,700	7,400			200	
	210									8,500	8,200		7,600	7,200	6,600	6,300			210
	220												6,600	6,200	5,700	5,400			220
	230													5,300	4,800	4,500			230

* These capacities apply for ALL lesser radii obtainable.

JIB LIFTING CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS**4100W**
4100W SERIES-1**JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22A WITH LIGHT TAPERED TOP
26'6" CRAWLERS EXTENDED****20 DEGREE JIB OFFSET ANGLE**

Chart supplements boom capacity chart No. 6266-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, travel, as well as adverse operating conditions and physical machine depreciation.

Capacities do not exceed **75%** of a static tipping load with machine on 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 beneath boom and jib point sheaves, etc., including those on the main boom 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. Maximum capacity on 1 1/8 in. — 6x31 IPS, IWRC is 28,300 lbs./line.

30 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	
	70 *	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	70 *
	75	39,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	75
	80	37,600	38,800	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	80
	85	36,300	37,500	38,700	39,800	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	39,900	39,700	39,200	38,800	85
	90	35,100	36,300	37,400	38,500	39,600	39,800	39,600	39,100	38,700	38,200	37,900	37,500	37,100	36,600	36,300	35,900	35,500	90
	95	34,000	35,200	36,300	37,400	37,400	36,900	36,700	36,200	35,800	35,300	35,000	34,500	34,100	33,600	33,400	32,900	32,500	95
	100		34,200	35,300	35,200	34,800	34,300	34,100	33,600	33,200	32,700	32,400	31,900	31,500	31,000	30,700	30,300	29,800	100
110			31,400	30,800	30,400	29,900	29,700	29,200	28,700	28,200	27,900	27,400	27,000	26,500	26,300	25,800	25,300	110	
120					26,800	26,300	26,000	25,500	25,100	24,600	24,300	23,800	23,400	22,800	22,600	22,100	21,600	120	
130						23,200	23,000	22,500	22,100	21,500	21,200	20,700	20,300	19,800	19,500	19,000	18,600	130	
140								19,900	19,500	18,900	18,600	18,100	17,700	17,200	16,900	16,400	15,900	140	
150										16,700	16,400	15,900	15,400	14,900	14,600	14,100	13,700	150	
160											14,500	13,900	13,500	13,000	12,700	12,200	11,700	160	
170													11,800	11,300	11,000	10,500	10,000	170	
180														9,800	9,500	9,000	8,500	180	
190																7,600	7,200	190	

40 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260		
	75 *	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000		75 *
	80	29,200	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000		80
	85	28,100	29,000	29,800	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000		85
	90	27,200	28,000	28,900	29,800	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000		90
	100	25,500	26,300	27,100	27,900	28,600	29,300	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000		100
	110		24,900	25,700	26,400	27,100	27,800	28,500	29,100	29,200	28,800	28,500	28,000	27,600	27,100	26,900	26,400		110
	120				25,100	25,800	26,500	26,500	26,000	25,600	25,100	24,800	24,300	23,900	23,400	23,100	22,700		120
130					24,100	23,600	23,400	22,900	22,500	22,000	21,700	21,200	20,800	20,300	20,000	19,500		130	
140							20,800	20,300	19,900	19,400	19,100	18,600	18,100	17,700	17,400	16,900		140	
150								18,000	17,600	17,100	16,800	16,300	15,900	15,400	15,100	14,600		150	
160										15,200	14,800	14,300	13,900	13,400	13,100	12,600		160	
170													12,600	12,200	11,700	11,400		170	
180														10,700	10,100	9,900	9,400		180
190																8,500	8,000		190

50 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260		
	110 *	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		110 *
	115	19,400	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		115
	120		19,500	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		120
	125			19,600	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		125
	130			19,100	19,700	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		130
	140					19,300	19,800	20,000	20,000	20,000	19,800	19,500	19,000	18,600	18,200	17,900	17,400		140
	150							18,900	18,400	18,000	17,500	17,200	16,700	16,300	15,900	15,600	15,100		150
	160								16,400	16,000	15,500	15,200	14,800	14,300	13,900	13,600	13,100		160
	170										13,800	13,500	13,000	12,600	12,100	11,800	11,300		170
	180											12,000	11,500	11,100	10,600	10,300	9,800		180
	190													9,700	9,200	8,900	8,400		190
	200															7,600	7,200		200

60 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250			
	125 *	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			125 *
	130		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			130
	140			10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			140
	150					10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			150
	160						10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			160
	170								10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			170
	180									10,000	10,000	10,000	10,000	10,000	10,000	10,000			180
190										10,000	10,000	10,000	10,000	10,000	10,000			190	
200																		200	
210														8,700	8,200	7,900		210	
															7,000	6,800			

* These capacities apply for ALL lesser radii obtainable.

LIFTCRANE CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W
SERIES 2
CRAWLER

BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26'6" CRAWLERS EXTENDED

WARNING: This chart will apply only when two 12,000 lb. side ctwts. and two 30,000 lb. carbody ctwts. bear MEC registered Serial Numbers.

LIFTING CAPACITIES: Capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are shown by shaded areas.

Upper boom point capacity for liftcrane service with single part whip line or combination of two single part lines is 28,300 lbs. In all cases, upper boom point capacities cannot exceed those listed for the main boom capacity.

Capacities are shown in pounds. Weight of upper boom point, jib, (see chart A), all load blocks, hooks, weight ball, slings, hoist lines, etc. beneath boom and jib point sheaves, is considered part of the main boom load. Boom is 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.

OPERATING CONDITIONS: Machine to operate in a level position on a firm surface with crawlers fully extended and gantry in working position and be rigged in accordance with and under conditions referred to in rigging drawing No. 190693 and load line specification chart No. 6592-A.

Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation.

OPERATING RADIUS: Operating radius is the horizontal distance from the axis of rotation to the center of vertical hoist line or load block with the load freely suspended. Add 14" to boom point radius for radius of sheave when using single part hoist line.

Boom angle is the angle between horizontal and centerline of boom butt and inserts and is an indication of operating radius. In all cases, operating radius shall govern capacity.

BOOM POINT ELEVATION: Boom point elevation, in feet, is the vertical distance from ground level to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with 26'6" extendible crawlers, 48" treads, 17' retractable gantry, 12 part boom hoist reeving, four 1 $\frac{3}{8}$ " boom pendants, 1st ctwt. 41,900 lbs., 2nd ctwt. 41,500 lbs., 3rd ctwt. 39,000 lbs., two 12,000 lbs. side ctwt's. and two 30,000 lbs. carbody ctwt's.

HOIST REEVEING FOR MAIN LOAD BLOCK						
No. Parts of Line	1	2	3	4	5	6
Max. Load — Lbs.	32,500	65,000	97,500	130,000	162,500	195,000
No. Parts of Line	7	8	9	10	11	12
Max. Load — Lbs.	227,500	260,000	292,500	325,000	357,500	400,000
No. Parts of Line	13	14				
Max. Load — Lbs.	430,000	460,000				

LOAD AND WHIP LINE SPECIFICATIONS	
LOAD LINE: 1-1/8" — 6x31 Warrington-Seale, Extra Improved Plow Steel, Regular Lay, IWRC. Minimum Breaking Strength 65 Ton. (Approx. Weight Per Ft. in Lbs. 2.34)	
WHIP LINE: 1-1/8" — 6x31 Warrington-Seale, Improved Plow Steel, Regular Lay, IWRC. Minimum Breaking Strength 56.5 Ton. Maximum Load — 28,300 Lbs. Per Line. (Approx. Weight Per Ft. in Lbs. 2.34)	

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED				(A) DEDUCT FROM CAPACITIES WHEN JIB IS ATTACHED	
OVER FRONT OF CRAWLERS		OVER SIDE OF EXTENDED CRAWLERS			
Boom Lgth.	Jib No. 123	Boom Lgth.	Jib No. 123	Jib Lgth.	Jib No. 123
260'	—	260'	—	30'	3,000 Lb.
250'	—	250'	—	40'	3,600 Lb.
240'	40'	240'	40'	50'	4,200 lb.
230'	60'	230'	60'	60'	4,900 lb.
Load block, hook and weight ball on ground at start. To comply with B30.5 requirements, upper boom point cannot be used on 260' boom.				Jib deducts include jib adaptor.	

DEDUCT FROM CAPACITIES WHEN UPPER BOOM POINT IS ATTACHED

One Sheave Point 1,200 lbs.
Two Sheave Point 1,500 lbs.

For jib capacities, consult jib chart.

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended	Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended	Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended	Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
70	16.5	79.7	75.9	460,000	80	17	80.6	85.9	392,800	90	18	81.1	95.9	355,400	100	19	81.4	105.9	332,900
	17	79.3	75.8	400,000		18	79.9	85.8	378,900		19	80.4	95.7	346,900		20	80.8	105.7	327,100
	18	78.5	75.6	380,100		19	79.2	85.6	361,800		20	79.8	95.6	336,900		22	79.6	105.4	316,200
	19	77.6	75.4	363,000		20	78.5	85.4	346,100		22	78.5	95.2	317,400		24	78.5	105.0	290,800
	20	76.8	75.1	347,300		22	77.0	84.9	318,400		24	77.2	94.7	291,700		26	77.3	104.5	263,900
	22	75.1	74.6	319,600		24	75.5	84.5	292,500		26	75.9	94.3	264,800		28	76.1	104.1	236,200
	24	73.4	74.1	293,400		26	74.0	83.9	266,600		28	74.5	93.7	236,600		30	74.9	103.6	212,900
	26	71.7	73.5	266,100		28	72.5	83.3	237,000		30	73.2	93.2	213,400		32	73.7	103.0	193,700
	28	69.9	72.8	237,500		30	71.0	82.7	213,800		32	71.9	92.5	194,200		34	72.5	102.4	177,500
	30	68.2	72.0	214,300		32	69.5	81.9	194,600		34	70.5	91.9	178,000		36	71.3	101.7	163,700
70	32	66.4	71.2	195,100	80	34	68.0	81.2	178,500	90	36	69.2	91.1	164,200	100	38	70.1	101.0	151,800
	34	64.6	70.2	178,900		36	66.4	80.3	164,700		38	67.8	90.3	152,300		40	68.9	100.3	141,400
	36	62.8	69.3	165,200		38	64.8	79.4	152,800		40	66.4	89.5	142,000		45	65.8	98.2	120,500
	38	60.9	68.2	153,300		40	63.3	78.4	142,400		45	62.9	87.1	121,100		50	62.6	95.8	104,700
	40	59.1	67.0	143,000		45	59.2	75.7	121,500		50	59.3	84.4	105,200		55	59.3	93.0	92,300
	45	54.1	63.7	122,100		50	54.9	72.5	105,700		55	55.5	81.2	92,800		60	55.9	89.8	82,300
	50	48.9	59.8	106,300		55	50.4	68.6	93,300		60	51.5	77.5	82,900		65	52.4	86.2	74,100
	55	43.2	54.9	93,900		60	45.6	64.1	83,400		65	47.3	73.2	74,700		70	48.7	82.1	67,200
	60	36.9	49.0	84,000		65	40.3	58.8	75,200		70	42.8	68.2	67,800		75	44.8	77.4	61,400
	65	29.4	41.3	75,800		70	34.4	52.2	68,300		75	37.9	62.3	62,000		80	40.5	72.0	56,400
70	70	19.5	30.3	63,900	80	75	27.4	43.9	62,500	90	80	32.4	55.2	57,000	100	85	35.9	65.6	52,000
						80	18.2	32.0	53,900		85	25.8	46.2	52,600		90	30.7	58.0	48,200
											90	17.1	33.5	45,900		95	24.5	48.5	44,900
																100	16.3	35.0	39,300

**WARNING! CHECK AMOUNT OF COUNTERWEIGHT
ON MACHINE BEFORE USE OF THIS CHART.**

Capacities continued
on reverse side.

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
110	22	80.6	115.5	291,600
	24	79.5	115.2	282,900
	26	78.5	114.8	263,200
	28	77.4	114.3	235,800
	30	75.3	113.9	212,500
	32	75.3	113.4	193,300
	34	74.2	112.8	177,100
	36	73.1	112.2	163,300
	38	72.0	111.6	151,400
	40	70.9	110.9	141,000
110	45	68.1	109.1	120,100
	50	65.3	106.9	104,200
	55	62.4	104.5	91,800
	60	59.4	101.7	81,800
	65	56.3	98.5	73,600
110	70	53.1	95.0	66,800
	75	49.8	91.0	60,900
	80	46.3	86.5	55,900
	85	42.6	81.4	51,600
	90	38.6	75.6	47,800
110	95	34.2	68.8	44,400
	100	29.2	60.7	41,400
	105	23.3	50.6	38,700
	110	15.5	36.4	33,900
120	22	81.4	125.6	285,000
	24	80.4	125.3	271,700
	26	79.4	125.0	259,800
	28	78.5	124.6	235,300
	30	77.5	124.1	212,100
120	32	76.5	123.7	192,800
	34	75.5	123.2	176,600
	36	74.5	122.7	162,800
	38	73.5	122.1	150,900
	40	72.5	121.5	140,500
120	45	70.0	119.8	119,500
	50	67.5	117.8	103,700
	55	64.8	115.6	91,300
	60	62.2	113.1	81,300
	65	59.4	110.3	73,100
120	70	56.6	107.2	66,200
	75	53.7	103.7	60,400
	80	50.7	99.9	55,300
	85	47.5	95.5	51,000
	90	44.2	90.7	47,200
120	95	40.7	85.2	43,800
	100	36.9	79.0	40,800
	105	32.7	71.8	38,100
	110	28.0	63.2	35,700
	115	22.3	52.6	33,500
130	24	81.2	135.5	260,000
	26	80.3	135.1	248,600
	28	79.4	134.8	234,700
	30	78.5	134.4	211,800
	32	77.6	133.9	192,500
130	34	76.7	133.5	176,300
	36	75.7	133.0	162,500
	38	74.8	132.5	150,600
	40	73.9	131.9	140,200
	45	71.6	130.4	119,300
130	50	69.3	128.6	103,400
	55	66.9	126.6	91,000
	60	64.5	124.3	81,000
	65	62.0	121.8	72,800
	70	59.5	119.0	65,900
130	75	56.9	115.9	60,000
	80	54.2	112.5	55,000
	85	51.5	108.7	50,700
	90	48.6	104.5	46,800
	95	45.6	99.8	43,500
130	100	42.4	94.7	40,500
	105	39.0	88.8	37,800
	110	35.4	82.3	35,300
	115	31.4	74.7	33,100
	120	26.8	65.7	31,100
130	125	21.4	54.5	29,300
140	26	81.0	145.3	239,700
	28	80.1	144.9	230,800
	30	79.3	144.6	211,300
	32	78.5	144.2	192,100
	34	77.6	143.7	175,800
140	36	76.8	143.3	162,000
	38	75.9	142.8	150,100
	40	75.1	142.3	139,700
	45	73.0	140.9	118,700
	50	70.8	139.2	102,800
140	55	68.6	137.4	90,400
	60	66.4	135.3	80,400
	65	64.2	133.0	72,200
	70	61.9	130.5	65,300
	75	59.5	127.7	59,500
140	80	57.1	124.6	54,400
	85	54.6	121.2	50,100
	90	52.1	117.5	46,200
	95	49.5	113.4	42,900
	100	46.7	108.9	39,900

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
140	105	43.8	103.9	37,200
	110	40.8	98.5	34,700
	115	37.5	92.3	32,500
	120	34.0	85.4	30,500
	125	30.2	77.4	28,700
140	130	25.8	68.0	27,000
	135	20.7	56.4	25,500
150	28	80.8	155.1	218,600
	30	80.0	154.7	210,300
	32	79.2	154.4	191,600
	34	78.5	154.0	175,400
	36	77.7	153.5	161,600
150	38	76.9	153.1	149,600
	40	76.1	152.6	139,200
	45	74.1	151.3	118,200
	50	72.1	149.8	102,400
	55	70.1	148.1	89,900
150	60	68.1	146.2	79,900
	65	66.0	144.0	71,700
	70	63.9	141.7	64,800
	75	61.7	139.1	59,000
	80	59.6	136.3	53,900
150	85	57.3	133.2	49,600
	90	55.0	129.9	45,700
	95	52.7	126.2	42,400
	100	50.2	122.3	39,400
	105	47.7	117.9	36,700
150	110	45.0	113.1	34,200
	115	42.3	107.9	32,000
	120	39.3	102.1	30,000
	125	36.2	95.7	28,200
	130	32.9	88.4	26,500
150	135	29.2	80.1	25,000
	140	25.0	70.3	23,500
	145	19.9	58.2	22,200
160	28	81.4	165.2	208,500
	30	80.6	164.9	203,500
	32	79.9	164.5	191,100
	34	79.2	164.2	174,900
	36	78.5	163.8	161,000
160	38	77.7	163.3	149,100
	40	77.0	162.9	138,700
	45	75.2	161.7	117,700
	50	73.3	160.2	101,800
	55	71.4	158.7	89,300
160	60	69.5	156.9	79,300
	65	67.6	154.9	71,100
	70	65.6	152.8	64,200
	75	63.7	150.4	58,400
	80	61.6	147.8	53,300
160	85	59.6	145.0	49,000
	90	57.5	141.9	45,100
	95	55.3	138.6	41,800
	100	53.1	135.0	38,700
	105	50.9	131.1	36,000
160	110	48.5	126.8	33,600
	115	46.1	122.2	31,400
	120	43.5	117.2	29,400
	125	40.9	111.7	27,600
	130	38.0	105.6	25,900
160	135	35.0	98.9	24,300
	140	31.8	91.3	22,900
	145	28.2	82.6	21,600
	150	24.1	72.5	20,400
	155	19.3	59.9	19,200
170	30	81.2	175.0	192,600
	32	80.5	174.7	188,400
	34	79.8	174.3	174,600
	36	79.2	174.0	160,800
	38	78.5	173.6	148,800
170	40	77.8	173.1	138,400
	45	76.0	172.0	117,400
	50	74.3	170.7	101,500
	55	72.5	169.2	89,100
	60	70.8	167.5	79,000
170	65	69.0	165.7	70,800
	70	67.2	163.7	63,900
	75	65.3	161.5	58,100
	80	63.4	159.1	53,000
	85	61.5	156.5	48,700
170	90	59.6	153.6	44,900
	95	57.6	150.6	41,500
	100	55.6	147.3	38,500
	105	53.6	143.7	35,800
	110	51.4	139.9	33,300
170	115	49.2	135.8	31,100
	120	47.0	131.3	29,100
	125	44.6	126.4	27,300
	130	42.2	121.1	25,600
	135	39.6	115.3	24,100
170	140	36.9	109.0	22,600
	145	34.0	102.0	21,300
	150	30.8	94.1	20,100
	155	27.3	85.1	18,900
	160	23.4	74.6	17,800
170	165	18.7	61.6	16,400

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
180	32	81.1	184.8	180,000
	34	80.4	184.5	174,100
	36	79.8	184.1	160,300
	38	79.1	183.8	148,300
	40	78.5	183.4	137,900
180	45	76.8	182.3	116,900
	50	75.2	181.0	101,000
	55	73.5	179.6	88,500
	60	71.9	178.1	78,500
	65	70.2	176.3	70,300
180	70	68.5	174.5	63,400
	75	66.8	172.4	57,500
	80	65.0	170.2	52,500
	85	63.3	167.7	48,100
	90	61.5	165.1	44,300
180	95	59.6	162.3	40,900
	100	57.8	159.3	37,900
	105	55.9	156.0	35,200
	110	53.9	152.5	32,700
	115	51.9	148.7	30,500
180	120	49.9	144.6	28,500
	125	47.8	140.3	26,700
	130	45.6	135.5	25,000
	135	43.3	130.4	23,500
	140	40.9	124.9	22,000
180	145	38.4	118.9	20,700
	150	35.8	112.3	19,500
	155	33.0	105.0	18,300
	160	29.9	96.8	17,200
	165	26.6	87.5	16,200
180	170	22.7	76.6	15,300
	175	18.2	63.2	13,500
190	32	81.5	194.9	171,000
	34	80.9	194.6	166,100
	36	80.3	194.3	159,800
	38	79.7	193.9	147,900
	40	79.1	193.6	137,400
190	45	77.5	192.5	116,400
	50	76.0	191.3	100,500
	55	74.4	190.0	88,000
	60	72.9	188.6	78,000
	65	71.3	186.9	69,700

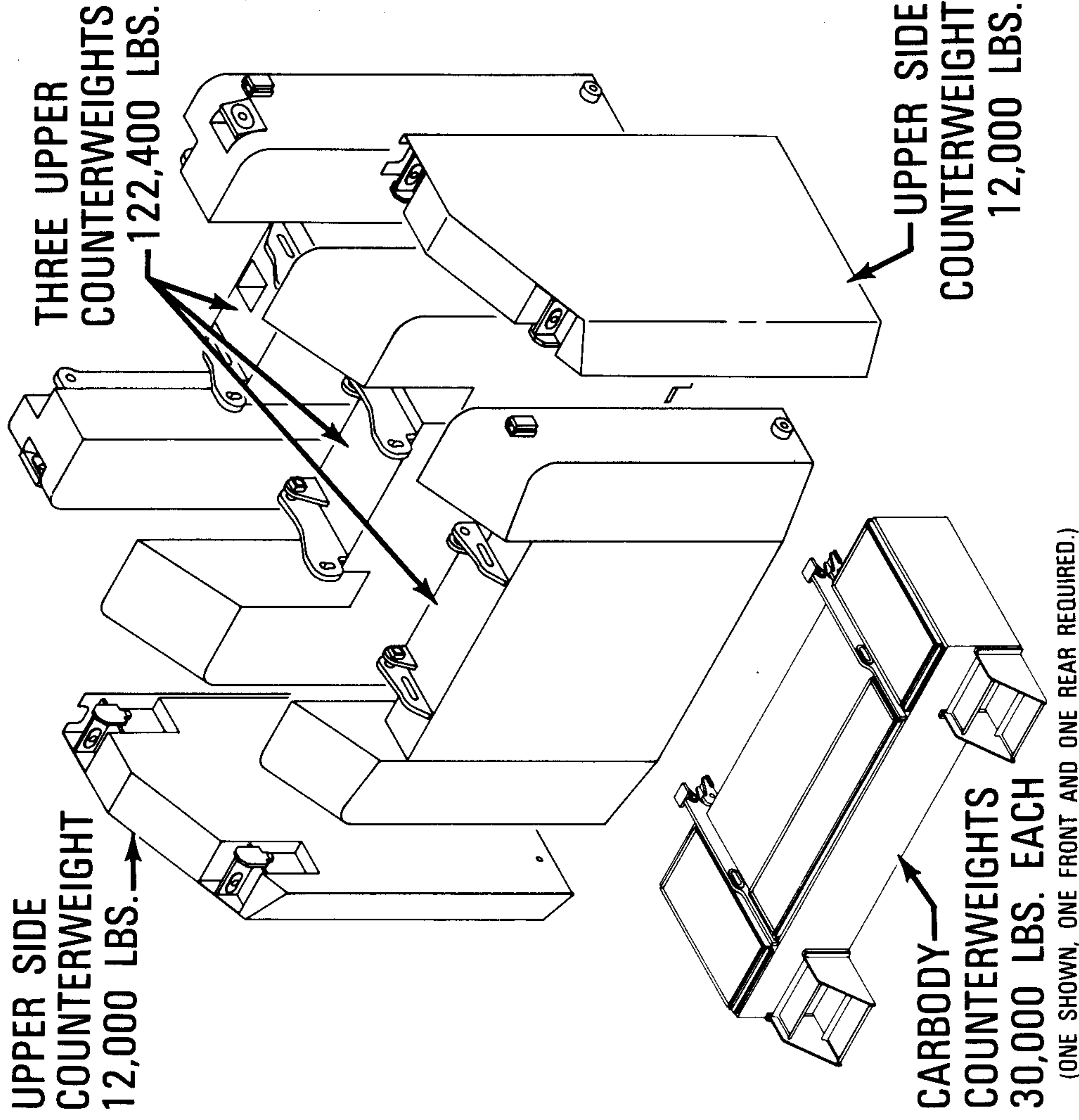
Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
230	38	81.5	234.5	132,900
	40	81.0	234.2	125,200
	45	79.7	233.3	114,500
	50	78.5	232.4	98,600
	55	77.2	231.3	86,100
	60	75.9	230.1	76,100
	65	74.6	228.8	67,800
	70	73.3	227.3	60,900
	75	72.0	225.8	55,000
	80	70.7	224.1	50,000
	85	69.4	222.3	45,600
	90	68.0	220.3	41,700
	95	66.7	218.2	38,400
	100	65.3	216.0	35,300
	105	64.0	213.6	32,600
	110	62.6	211.1	30,200
	115	61.1	208.4	28,000
	120	59.7	205.6	26,000
	125	58.3	202.6	24,100
	130	56.8	199.4	22,400
	135	55.3	196.0	20,900
240	140	53.8	192.5	19,400
	145	52.2	188.7	18,100
	150	50.6	184.7	16,900
	155	49.0	180.5	15,700
	160	47.3	176.0	14,700
	165	45.6	171.3	13,600
	170	43.8	166.2	12,700
	175	42.0	160.8	11,800
	180	40.1	155.1	11,000
	185	38.1	148.9	10,200
	190	36.0	142.3	9,400
	195	33.9	135.1	8,700
	200	31.6	127.3	8,100
	205	29.1	118.8	7,400
	210	26.4	109.3	6,800
	215	23.5	98.5	6,100
	220	20.1	86.0	4,400
	40	81.4	244.3	123,400
	45	80.2	243.5	112,600
	50	78.9	242.6	98,100
	55	77.7	241.5	85,600
	60	76.5	240.4	75,600
	65	75.3	239.1	67,300
	70	74.0	237.7	60,400
	75	72.8	236.3	54,500
	80	71.5	234.6	49,500
	85	70.3	232.9	45,100
	90	69.0	231.1	41,200
	95	67.7	229.1	37,800
	100	66.4	227.0	34,800
	105	65.1	224.7	32,100
	110	63.8	222.3	29,700
	115	62.5	219.8	27,400
	120	61.1	217.1	25,400
	125	59.7	214.3	23,600
	130	58.3	211.3	21,900
	135	56.9	208.1	20,300
	140	55.5	204.7	18,900
	145	54.0	201.2	17,600
	150	52.5	197.5	16,300
	155	51.0	193.5	15,200
	160	49.5	189.4	14,100
	165	47.9	185.0	13,100
	170	46.2	180.3	12,200
	175	44.6	175.4	11,300
	180	42.8	170.2	10,400
	185	41.0	164.6	9,600
	190	39.2	158.7	8,900
	195	37.3	152.3	8,200
	200	35.2	145.5	7,500
	205	33.1	138.1	6,700
	210	30.9	130.1	6,000
	215	28.5	121.4	5,300
	220	25.8	111.6	4,700
	225	23.0	100.6	4,000

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
250	45	80.6	253.6	106,600
	50	79.4	252.7	97,800
	55	78.2	251.7	85,200
	60	77.1	250.6	75,200
	65	75.9	249.4	66,900
	70	74.7	248.1	60,000
	75	73.5	246.7	54,100
	80	72.3	245.2	49,100
	85	71.1	243.5	44,700
	90	69.9	241.7	40,800
	95	68.7	239.8	37,400
	100	67.4	237.8	34,400
	105	66.2	235.7	31,700
	110	64.9	233.4	29,300
	115	63.6	231.0	27,100
	120	62.4	228.5	25,000
	125	61.1	225.8	23,200
	130	59.7	222.9	21,500
	135	58.4	219.9	20,000
	140	57.0	216.8	18,500
	145	55.7	213.4	17,200
260	150	54.3	209.9	16,000
	155	52.8	206.2	14,800
	160	51.4	202.4	13,700
	165	49.9	198.3	12,700
	170	48.4	193.9	11,800
	175	46.8	189.4	10,900
	180	45.3	184.5	10,100
	185	43.6	179.4	9,300
	190	41.9	174.0	8,500
	195	40.2	168.3	7,800
	200	38.4	162.2	7,000
	205	36.5	155.7	6,200
	210	34.5	148.7	5,500
	215	32.4	141.1	4,800
	220	30.2	132.9	4,100
	45	80.9	263.7	104,800
	50	79.8	262.9	95,700
	55	78.7	261.9	84,700
	60	77.6	260.9	74,700
	65	76.4	259.7	66,400
	70	75.3	258.5	59,500
	75	74.2	257.1	53,600
	80	73.0	255.6	48,500
	85	71.8	254.1	44,100
	90	70.7	252.4	40,300
	95	69.5	250.6	36,900
	100	68.3	248.6	33,900
	105	67.1	246.6	31,100
	110	65.9	244.4	28,700
	115	64.7	242.1	26,500
	120	63.5	239.7	24,500
	125	62.3	237.1	22,600
	130	61.0	234.4	20,900
	135	59.7	231.6	19,400
	140	58.5	228.6	17,900
	145	57.2	225.4	16,600
	150	55.8	222.1	15,400
	155	54.5	218.7	14,200
	160	53.1	215.0	13,100
	165	51.7	211.2	12,100
	170	50.3	207.1	11,200
	175	48.9	202.9	10,300
	180	47.4	198.4	9,500
	185	45.9	193.7	8,700
	190	44.3	188.7	7,900
	195	42.7	183.4	7,000
	200	41.1	177.8	6,200
	205	39.4	171.9	5,400
	210	37.6	165.6	4,700
	215	35.8	158.9	4,000

CAUTION

BOTH CARBODY COUNTERWEIGHTS MUST ALWAYS BE ATTACHED TO CARBODY BEFORE ATTACHING THE UPPER SIDE COUNTERWEIGHTS TO THE UPPER COUNTERWEIGHTS. LIKEWISE, THE UPPER SIDE COUNTERWEIGHTS MUST BE REMOVED FROM THE UPPER COUNTERWEIGHTS BEFORE REMOVING THE CARBODY COUNTERWEIGHTS. NEVER OPERATE THE MACHINE WITH UPPER SIDE COUNTERWEIGHTS IN PLACE UNLESS BOTH CARBODY COUNTERWEIGHTS ARE ALSO IN PLACE.

4100W SERIES 2



LIFTCRANE CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS**4100W****SERIES 2
CRAWLER**

BOOM NO. 22C WITH OPEN THROAT TOP OFFSET 4½ DEGREES
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26'6" CRAWLERS EXTENDED

WARNING: This chart will apply only when two 12,000 lb. side ctwts. and two 30,000 lb. carbody ctwts. bear MEC registered Serial Numbers.

LIFTING CAPACITIES: Capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are shown by shaded areas.

Upper boom point capacity for liftcrane service with single part whip line or combination of two single part lines is 28,300 lbs. In all cases, upper boom point capacities cannot exceed those listed for the main boom capacity.

Capacities are shown in pounds. Weight of upper boom point, jib, (see chart A), all load blocks, hooks, weight ball, slings, hoist lines, etc. beneath boom and jib point sheaves, is considered part of the main boom load. Boom is 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.

OPERATING CONDITIONS: Machine to operate in a level position on a firm surface with crawlers fully extended and gantry in working position and be rigged in accordance with and under conditions referred to in rigging drawing No. 190693 and load line specification chart No. 6592-A.

Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation.

OPERATING RADIUS: Operating radius is the horizontal distance from the axis of rotation to the center of vertical hoist line or load block with the load freely suspended. Add 14" to boom point radius for radius of sheave when using single part hoist line.

Boom angle is the angle between horizontal and centerline of boom butt and inserts and is an indication of operating radius. In all cases, operating radius shall govern capacity.

BOOM POINT ELEVATION: Boom point elevation, in feet, is the vertical distance from ground level to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with 26'6" extendible crawlers, 48" treads, 17' retractable gantry, 12 part boom hoist reeving, four 1⅜" boom pendants, 1st ctwt. 41,900 lbs., 2nd ctwt. 41,500 lbs., 3rd ctwt. 39,000 lbs., two 12,000 lbs. side ctwt's. and two 30,000 lbs. carbody ctwt's.

HOIST REEVEING FOR MAIN LOAD BLOCK

No. Parts of Line	1	2	3	4	5	6
Max. Load — Lbs.	32,500	65,000	97,500	130,000	162,500	195,000
No. Parts of Line	7	8	9	10	11	12
Max. Load — Lbs.	227,500	260,000	292,500	325,000	357,500	400,000
No. Parts of Line	13					
Max. Load — Lbs.	430,000					

LOAD AND WHIP LINE SPECIFICATIONS

LOAD LINE: 1-1/8" — 6x31 Warrington-Seale, Extra Improved Plow Steel, Regular Lay, IWRC. Minimum Breaking Strength 65 Ton. (Approx. Weight Per Ft. in Lbs. 2.34)

WHIP LINE: 1-1/8" — 6x31 Warrington-Seale, Improved Plow Steel, Regular Lay, IWRC. Minimum Breaking Strength 56.5 Ton. Maximum Load — 28,300 Lbs. Per Line. (Approx. Weight Per Ft. in Lbs. 2.34)

**MAXIMUM BOOM AND JIB LENGTHS
LIFTED UNASSISTED**

OVER FRONT OF CRAWLERS				OVER SIDE OF EXTENDED CRAWLERS		DEDUCT FROM CAPACITIES WHEN JIB IS ATTACHED	
Boom Lgth.	Jib No. 123	Boom Lgth.	Jib No. 123	Jib Lgth.	Jib No. 123		
260'	—	260'	—	30'	3,000 Lb.		
250'	—	250'	—	40'	3,600 Lb.		
240'	40'	240'	40'	50'	4,200 Lb.		
230'	60'	230'	60'	60'	4,900 Lb.		
Load block, hook and weight ball on ground at start. To comply with B30.5 requirements, upper boom point cannot be used on 260' boom.						Jib deducts include jib adaptor.	

**DEDUCT FROM CAPACITIES
WHEN UPPER BOOM POINT
IS ATTACHED**

One Sheave Point 1,200 lbs.
Two Sheave Point 1,500 lbs.

For jib capacities, consult jib chart.

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended	Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended	Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended	Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
70	16.5	82.4	76.1	420,000	80	17	83.0	86.2	315,400	90	19	82.5	96.0	276,700	100	20	82.7	105.9	258,300
	17	82.0	76.0	398,900		18	82.3	86.0	309,400		20	81.9	95.8	271,500		22	81.5	105.6	248,700
	18	81.2	75.8	380,100		19	81.6	85.8	303,600		22	80.6	95.4	261,800		24	80.4	105.2	240,100
	19	80.3	75.6	363,000		20	80.8	85.6	298,200		24	79.3	95.0	252,900		26	79.2	104.8	232,100
	20	79.5	75.4	347,300		22	79.4	85.2	288,000		26	78.0	94.5	244,800		28	78.0	104.3	224,800
	22	77.8	74.9	319,600		24	77.9	84.7	278,700		28	76.7	94.0	236,600		30	76.8	103.8	212,900
	24	76.1	74.3	293,400		26	76.4	84.2	265,600		30	75.3	93.4	213,400		32	75.7	103.2	193,700
	26	74.4	73.7	266,100		28	74.9	83.6	237,000		32	74.0	92.8	194,200		34	74.5	102.6	177,500
	28	72.7	73.0	237,500		30	73.4	82.9	213,800		34	72.7	92.1	178,000		36	73.3	102.0	163,700
	30	71.0	72.3	214,300		32	71.9	82.2	194,600		36	71.3	91.4	164,200		38	72.0	101.3	151,800
70	32	69.2	71.4	195,100	80	34	70.4	81.4	178,500	90	38	69.9	90.6	152,300	100	40	70.8	100.5	141,400
	34	67.4	70.5	178,900		36	68.8	80.6	164,700		40	68.6	89.7	142,000		45	67.7	98.5	120,500
	36	65.6	69.5	165,200		38	67.3	79.7	152,800		45	65.1	87.4	121,100		50	64.6	96.0	104,700
	38	63.7	68.5	153,300		40	65.7	78.7	142,400		50	61.4	84.6	105,200		55	61.3	93.3	92,300
	40	61.8	67.3	143,000		45	61.6	76.0	121,500		55	57.7	81.4	92,800		60	57.9	90.1	82,300
	45	57.0	64.0	122,100		50	57.4	72.7	105,700		60	53.7	77.7	82,900		65	54.4	86.5	74,100
	50	51.8	60.1	106,300		55	52.9	68.9	93,300		65	49.5	73.5	74,700		70	50.7	82.4	67,200
	55	46.1	55.3	93,900		60	48.1	64.5	83,400		70	45.1	68.5	67,800		75	46.8	77.7	61,400
	60	39.8	49.4	84,000		65	42.9	59.1	75,200		75	40.2	62.7	62,000		80	42.6	72.3	56,400
	65	32.4	41.8	75,800		70	37.0	52.6	68,300		80	34.7	55.6	57,000		85	38.0	66.0	52,000
70	70	22.7	31.0	63,900	80	75	30.1	44.4	62,500	90	85	28.2	46.7	52,600	100	90	32.8	58.5	48,200
						80	21.0	32.7	53,900							95	26.6	49.0	44,900
																100	18.6	35.8	39,300

**WARNING! CHECK AMOUNT OF COUNTERWEIGHT
ON MACHINE BEFORE USE OF THIS CHART.**

Capacities continued
on reverse side.

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
110	22	82.3	115.7	240,500
	24	81.3	115.4	232,100
	26	80.2	115.0	224,400
	28	79.1	114.6	217,300
	30	78.1	114.1	210,700
	32	77.0	113.6	193,300
	34	75.9	113.1	177,100
	36	74.8	112.5	163,300
	38	73.7	111.8	151,400
	40	72.6	111.2	141,000
110	45	69.9	109.3	120,100
	50	67.0	107.2	104,200
	55	64.1	104.7	91,800
	60	61.2	101.9	81,800
	65	58.1	98.8	73,600
	70	54.9	95.3	66,800
110	75	51.6	91.3	60,900
	80	48.1	86.8	55,900
	85	44.4	81.7	51,600
	90	40.4	75.9	47,800
	95	36.1	69.2	44,400
110	100	31.1	61.1	41,400
	105	25.3	51.1	38,700
	110	17.6	37.2	33,900
120	22	83.0	125.9	228,700
	24	82.0	125.5	220,500
	26	81.0	125.2	213,000
	28	80.0	124.8	206,100
	30	79.1	124.4	199,700
	32	78.1	123.9	192,800
	34	77.1	123.4	176,600
	36	76.1	122.9	162,800
	38	75.1	122.3	150,900
	40	74.1	121.7	140,500
120	45	71.6	120.0	119,500
	50	69.1	118.1	103,700
	55	66.5	115.9	91,300
	60	63.8	113.4	81,300
	65	61.1	110.6	73,100
	70	58.3	107.5	66,200
120	75	55.4	104.0	60,400
	80	52.4	100.1	55,300
	85	49.2	95.8	51,000
	90	45.9	91.0	47,200
	95	42.4	85.5	43,800
120	100	38.6	79.4	40,800
	105	34.4	72.2	38,100
	110	29.7	63.7	35,700
	115	24.1	53.2	33,500
130	24	82.6	135.7	212,700
	26	81.7	135.3	205,300
	28	80.8	135.0	198,600
	30	79.9	134.6	192,300
	32	79.0	134.2	186,500
	34	78.1	133.7	176,300
	36	77.2	133.2	162,500
	38	76.3	132.7	150,600
	40	75.4	132.1	140,200
	45	73.1	130.6	119,300
130	50	70.8	128.8	103,400
	55	68.4	126.8	91,000
	60	66.0	124.6	81,000
	65	63.5	122.0	72,800
	70	61.0	119.2	65,900
	75	58.4	116.1	60,000
130	80	55.7	112.7	55,000
	85	53.0	108.9	50,700
	90	50.1	104.8	46,800
	95	47.1	100.1	43,500
	100	43.9	95.0	40,500
130	105	40.6	89.2	37,800
	110	36.9	82.6	35,300
	115	33.0	75.1	33,100
	120	28.5	66.1	31,100
	125	23.1	55.1	29,300
140	26	82.3	145.5	198,400
	28	81.5	145.1	191,800
	30	80.7	144.8	185,600
	32	79.8	144.4	179,900
	34	79.0	144.0	174,700
	36	78.1	143.5	162,000
	38	77.3	143.0	150,100
	40	76.5	142.5	139,700
	45	74.3	141.1	118,700
	50	72.2	139.4	102,800
140	55	70.0	137.6	90,400
	60	67.8	135.5	80,400
	65	65.6	133.2	72,200
	70	63.3	130.7	65,300
	75	60.9	127.9	59,500
	80	58.5	124.8	54,400
140	85	56.1	121.4	50,100
	90	53.5	117.7	46,200
	95	50.9	113.7	42,900
	100	48.1	109.2	39,900

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
140	105	45.3	104.2	37,200
	110	42.2	98.8	34,700
	115	39.0	92.7	32,500
	120	35.5	85.7	30,500
	125	31.7	77.8	28,700
	130	27.4	68.5	27,000
	135	22.2	57.0	25,500
	28	82.1	155.3	185,600
	30	81.3	154.9	179,600
	32	80.5	154.6	174,000
150	34	79.7	154.2	168,800
	36	79.0	153.8	161,600
	38	78.2	153.3	149,600
	40	77.4	152.8	139,200
	45	75.4	151.5	118,200
	50	73.4	150.0	102,400
150	55	71.4	148.3	89,900
	60	69.4	146.4	79,900
	65	67.3	144.3	71,700
	70	65.2	141.9	64,800
	75	63.0	139.4	59,000
150	80	60.9	136.6	53,900
	85	58.6	133.5	49,600
	90	56.3	130.1	45,700
	95	54.0	126.5	42,400
	100	51.5	122.5	39,400
150	105	49.0	118.2	36,700
	110	46.4	113.4	34,200
	115	43.6	108.2	32,000
	120	40.7	102.4	30,000
	125	37.6	96.0	28,200
150	130	34.2	88.8	26,500
	135	30.5	80.5	25,000
	140	26.4	70.8	23,500
	145	21.4	58.8	22,200
	28	82.6	165.4	179,800
160	30	81.8	165.1	173,900
	32	81.1	164.7	168,400
	34	80.4	164.4	163,300
	36	79.7	164.0	158,600
	38	78.9	163.6	149,100
160	40	78.2	163.1	138,700
	45	76.3	161.9	117,700
	50	74.5	160.5	101,800
	55	72.6	158.9	89,300
	60	70.7	157.1	79,300
160	65	68.8	155.1	71,100
	70	66.8	153.0	64,200
	75	64.9	150.6	58,400
	80	62.9	148.0	53,300
	85	60.8	145.2	49,000
160	90	58.7	142.2	45,100
	95	56.6	138.8	41,800
	100	54.4	135.2	38,700
	105	52.1	131.4	36,000
	110	49.7	127.1	33,600
160	115	47.3	122.5	31,400
	120	44.8	117.5	29,400
	125	42.1	112.0	27,600
	130	39.3	105.9	25,900
	135	36.3	99.2	24,300
160	140	33.1	91.7	22,900
	145	29.5	83.0	21,600
	150	25.5	72.9	20,400
	155	20.7	60.5	19,200
	30	82.3	175.2	169,000
170	32	81.6	174.9	163,600
	34	81.0	174.5	158,700
	36	80.3	174.2	154,000
	38	79.6	173.8	148,800
	40	78.9	173.3	138,400
170	45	77.2	172.2	117,400
	50	75.4	170.9	101,500
	55	73.7	169.4	89,100
	60	71.9	167.7	79,000
	65	70.1	165.9	70,800
170	70	68.3	163.9	63,900
	75	66.4	161.7	58,100
	80	64.6	159.3	53,000
	85	62.7	156.7	48,700
	90	60.8	153.9	44,900
170	95	58.8	150.8	41,500
	100	56.8	147.5	38,500
	105	54.7	144.0	35,800
	110	52.6	140.2	33,300
	115	50.4	136.0	31,100
170	120	48.1	131.5	29,100
	125	45.8	126.7	27,300
	130	43.3	121.4	25,600
	135	40.8	115.7	24,100
	140	38.1	109.3	22,600
170	145	35.2	102.3	21,300
	150	32.0	94.5	20,100
	155	28.6	85.5	18,900
	160	24.7	75.1	17,800
	165	20.0	62.2	16,400

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
180	32	82.1	185.0	158,700
	34	81.5	184.7	154,000
	36	80.8	184.3	149,500
	38	80.2	184.0	145,200
	40	79.5	183.6	137,900
	45	77.9	182.5	116,900
	50	76.3	181.2	101,000
	55	74.6	179.8	88,500
	60	72.9	178.3	78,500
	65	71.3	176.6	70,300
	70	69.6	174.7	63,400
	75	67.8	172.6	57,500
	80	66.1	170.4	52,500
	85	64.3	168.0	48,100
	90	62.5	165.4	44,300
	95	60.7	162.5	40,900
	100	58.9	159.5	37,900
	105	57.0	156.2	35,200
	110	55.0	152.7	32,700
	115	53.0	149.0	30,500
	120	51.0	144.9	28,500
	125	48.9	140.5	26,700
	130	46.7	135.8	25,000
	135	44.4	130.7	23,500
	140	42.0	125.2	22,000
	145	39.6	119.2	20,700
	150	36.9	112.6	19,500
	155	34.1	105.3	18,300
	160	31.1	97.2	17,200
	165	27.7	87.9	16,200
170	23.9	77.1	15,300	
175	19.4	63.8	13,500	
190	32	82.5	195.1	153,100
	34	81.9	194.8	148,800
	36	81.3	194.5	144,800
	38	80.7	194.1	140,800
	40	80.1	193.8	137,000
	45	78.5	192.7	116,400
	50	77.0	191.5	100,500
	55	75.4	190.2	88,000
	60	73.9	188.8	78,000
	65	72.3	187.1	69,700
	70	70.7	185.4	62,800
	75	69.1	183.4	57,000
	80	67.4	181.4	52,000
	85	65.8	179.1	47,600
	90	64.1	176.6	43,800
	95	62.4	174.0	40,400
	100	60.7	171.2	37,400
	105	58.9	168.2	34,700
	110	57.1	164.9	32,200
	115	55.3	161.4	30,000
	120	53.4	157.7	28,000
	125	51.5	153.7	26,200
	130	49.5	149.5	24,500
	135	47.5	144.9	22,900
	140	45.3	140.0	21,500
	145	43.1	134.6	20,200
	150	40.8	128.9	18,900
	155	38.4	122.6	17,800
	160	35.9	115.8	16,700
	165	33.2	108.3	15,700
170	30.2	99.8	14,800	
175	27.0	90.3	13,900	
180	23.3	79.1	13,100	
185	18.9	65.4	11,000	
200	34	82.3	204.9	143,100
	36	81.7	204.6	139,500
	38	81.2	204.3	136,000
	40	80.6	203.9	132,500
	45	79.1	203.0	115,900
	50	77.7	201.8	100,000
	55	76.2	200.6	87,500
	60	74.7	199.2	77,400
	65	73.2	197.7	69,200
	70	71.7	196.0	62,300
	75	70.2	194.2	56,400
	80	68.6	192.2	51,400
	85	67.1	190.1	47,000
	90	65.5	187.8	43,200
	95	63.9	185.3	39,800
	100	62.3	182.7	36,800
	105	60.6	179.8	34,100
	110	59.0	176.8	31,600
	115	57.3	173.6	29,400
	120	55.5	170.2	27,400
	125	53.0	166.5	25,600
	130	51.9	162.6	23,900
	135	50.1	158.4	22,300
	140	48.1	153.9	20,900
	145	46.2	149.1	19,600
	150	44.1	144.0	18,300
	155	42.0	138.4	17,200
	160	39.7	132.5	16,100
	165	37.4	126.0	15,100
	170	34.9	118.9	14,200

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Boom Point: Elev.	Capacity Crawlers Extended
230	38	82.3	234.7	119,600
	40	81.8	234.4	117,100
	45	80.6	233.5	111,200
	50	79.3	232.6	98,600
	55	78.0	231.5	86,100
	60	76.7	230.3	76,100
	65	75.4	229.0	67,800
	70	74.2	227.5	60,900
	75	72.9	226.0	55,000
	80	71.5	224.3	50,000
	85	70.2	222.5	45,600
	90	68.9	220.5	41,700
	95	67.5	218.4	38,400
	100	66.2	216.2	35,300
	105	64.8	213.9	32,600
	110	63.4	211.3	30,200
	115	62.0	208.7	28,000
	120	60.6	205.8	26,000
	125	59.1	202.8	24,100
	130	57.6	199.6	22,400
	135	56.1	196.3	20,900
240	140	54.6	192.7	19,400
	145	53.0	189.0	18,100
	150	51.5	185.0	16,900
	155	49.8	180.7	15,700
	160	48.2	176.3	14,700
	165	46.4	171.5	13,600
	170	44.7	166.5	12,700
	175	42.8	161.1	11,800
	180	40.9	155.4	11,000
	185	39.0	149.2	10,200
	190	36.9	142.6	9,400
	195	34.7	135.5	8,700
	200	32.4	127.7	8,100
	205	30.0	119.2	7,400
	210	27.3	109.7	6,800
	215	24.4	99.0	6,100
	220	21.0	86.6	4,400
	40	82.2	244.5	111,700
	45	81.0	243.7	106,300
	50	79.7	242.7	98,100
	55	78.5	241.7	85,600
	60	77.3	240.6	75,600
	65	76.1	239.3	67,300
	70	74.8	237.9	60,400
	75	73.6	236.5	54,500
	80	72.3	234.9	49,500
	85	71.1	233.1	45,100
	90	69.8	231.3	41,200
	95	68.5	229.3	37,800
	100	67.2	227.2	34,800
	105	65.9	224.9	32,100
	110	64.6	222.5	29,700
	115	63.3	220.0	27,400
	120	61.9	217.3	25,400
	125	60.5	214.5	23,600
	130	59.1	211.5	21,900
	135	57.7	208.3	20,300
	140	56.3	205.0	18,900
	145	54.8	201.5	17,600
	150	53.3	197.7	16,300
	155	51.8	193.8	15,200
	160	50.3	189.6	14,100
	165	48.7	185.2	13,100
	170	47.1	180.6	12,200
	175	45.4	175.7	11,300
	180	43.7	170.5	10,400
	185	41.9	164.9	9,600
	190	40.0	159.0	8,900
	195	38.1	152.6	8,200
	200	36.1	145.8	7,500
	205	34.0	138.5	6,700
	210	31.7	130.5	6,000
	215	29.3	121.8	5,300
	220	26.7	112.1	4,700
	225	23.8	101.1	4,000

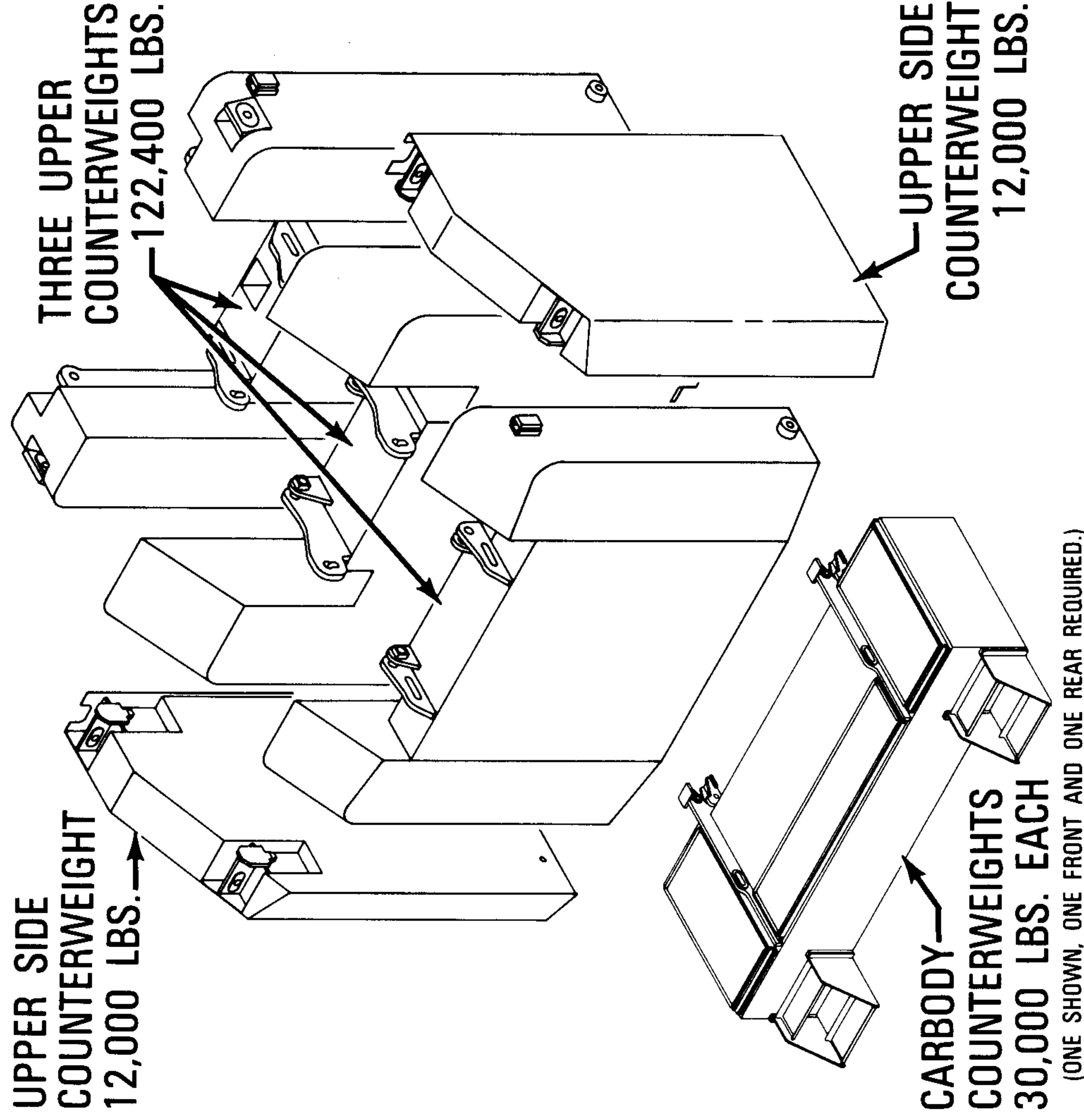
Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Boom Point: Elev.	Capacity Crawlers Extended
250	45	81.3	253.8	101,500
	50	80.2	252.9	96,900
	55	79.0	251.9	85,200
	60	77.8	250.8	75,200
	65	76.6	249.6	66,900
	70	75.5	248.3	60,000
	75	74.3	246.9	54,100
	80	73.1	245.4	49,100
	85	71.9	243.7	44,700
	90	70.6	241.9	40,800
	95	69.4	240.1	37,400
	100	68.2	238.0	34,400
	105	66.9	235.9	31,700
	110	65.7	233.6	29,300
	115	64.4	231.2	27,100
	120	63.1	228.7	25,000
	125	61.8	226.0	23,200
	130	60.5	223.1	21,500
	135	59.2	220.2	20,000
	140	57.8	217.0	18,500
	145	56.4	213.7	17,200
260	150	55.1	210.2	16,000
	155	53.6	206.5	14,800
	160	52.2	202.6	13,700
	165	50.7	198.5	12,700
	170	49.2	194.2	11,800
	175	47.6	189.6	10,900
	180	46.0	184.8	10,100
	185	44.4	179.7	9,300
	190	42.7	174.3	8,500
	195	41.0	168.6	7,800
	200	39.2	162.5	7,000
	205	37.3	156.0	6,200
	210	35.3	149.0	5,500
	215	33.3	141.4	4,800
	220	31.1	133.3	4,100
	45	81.7	263.9	96,500
	50	80.5	263.1	92,300
	55	79.4	262.1	84,700
	60	78.3	261.1	74,700
	65	77.2	259.9	66,400
	70	76.0	258.7	59,500
	75	74.9	257.3	53,600
	80	73.7	255.8	48,500
	85	72.6	254.3	44,100
	90	71.4	252.6	40,300
	95	70.3	250.8	36,900
	100	69.1	248.8	33,900
	105	67.9	246.8	31,100
	110	66.7	244.6	28,700
	115	65.5	242.3	26,500
	120	64.2	239.9	24,500
	125	63.0	237.3	22,600
	130	61.8	234.6	20,900
	135	60.5	231.8	19,400
	140	59.2	228.8	17,900
	145	57.9	225.7	16,600
	150	56.6	222.4	15,400
	155	55.2	218.9	14,200
	160	53.9	215.2	13,100
	165	52.5	211.4	12,100
	170	51.1	207.4	11,200
	175	49.6	203.1	10,300
	180	48.2	198.6	9,500
	185	46.6	193.9	8,700
	190	45.1	188.9	7,900
	195	43.5	183.7	7,000
	200	41.8	178.1	6,200
	205	40.1	172.2	5,400
	210	38.4	165.9	4,700
	215	36.5	159.2	4,000

CAUTION

BOTH CARBODY COUNTERWEIGHTS MUST ALWAYS BE ATTACHED TO CARBODY BEFORE ATTACHING THE UPPER SIDE COUNTERWEIGHTS TO THE UPPER COUNTERWEIGHTS. LIKEWISE, THE UPPER SIDE COUNTERWEIGHTS MUST BE REMOVED FROM THE UPPER COUNTERWEIGHTS BEFORE REMOVING THE CARBODY COUNTERWEIGHTS.

NEVER OPERATE THE MACHINE WITH UPPER SIDE COUNTERWEIGHTS IN PLACE UNLESS BOTH CARBODY COUNTERWEIGHTS ARE ALSO IN PLACE.

4100W SERIES 2



View thousands of Crane Specifications on FreeCraneSpecs.com

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 6934-A. CAPACITIES FOR VARIOUS BOOM LENGTHS, JIB LENGTHS AND JIB OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 75% OF A STATIC TIPPING LOAD. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (*).

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.

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM SURFACE WITH CRAWLERS FULLY EXTENDED AND GANTRY UP. REFER TO BOOM RIGGING NO. 190693, JIB ASSEMBLY NO. 43730 AND WIRE ROPE SPECIFICATION CHART NO. 6592-A. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, TRAVEL, WIND CONDITIONS, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION.

OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION TO THE CENTER OF VERTICAL HOIST LINE OR LOAD BLOCK. BOOM ANGLE IS THE ANGLE BETWEEN HORIZONTAL AND CENTERLINE OF BOOM BUTT AND INSERTS AND IS AN INDICATION OF OPERATING RADIUS. IN ALL CASES, OPERATING RADIUS SHALL GOVERN CAPACITY. JIB POINT ELEVATION IS VERTICAL DISTANCE FROM GROUND LEVEL TO CENTERLINE OF JIB POINT SHAFT.

MACHINE EQUIPPED WITH 26' 6" EXTENDIBLE CRAWLERS, 48" TREADS, 17' RETRACTABLE GANTRY, 12 PART BOOM HOIST REEVING, FOUR 1-3/8" BOOM PENDANTS, 1ST CWT. = 41,900 LBS., 2ND CWT. = 41,500 LBS., 3RD CWT. = 39,000 LBS., TWO 12,000 LB. SIDE CWTs. AND TWO 30,000 LB. CARBODY CWTs.

MAXIMUM CAPACITY ON 1-1/8" - 6 X 31 IPS, IWRC IS 28,300 LBS. PER LINE.

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED			
OVER END OF CRAWLERS		OVER SIDE OF EXTENDED CRAWLERS	
BM. LGTH.	JIB NO. 123	BM. LGTH.	JIB NO. 123
260'	---	260'	---
250'	---	250'	---
240'	40'	240'	40'
230'	60'	230'	60'
LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START.			

30 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
110	30	79.9	148.1	40,000*							30
	35	77.9	147.1	40,000*	79.9	146.6	40,000*				35
	40	75.8	145.9	40,000*	77.8	145.4	40,000*	79.8	144.1	40,000*	40
	45	73.8	144.5	40,000*	75.8	144.0	40,000*	77.7	142.7	40,000*	45
	50	71.7	142.9	40,000*	73.7	142.4	40,000*	75.6	141.1	40,000*	50
	55	69.5	141.1	40,000*	71.5	140.6	40,000*	73.4	139.3	40,000*	55
	60	67.4	139.1	40,000*	69.4	138.6	40,000*	71.2	137.3	40,000*	60
	65	65.2	136.9	40,000*	67.2	136.3	40,000*	69.0	135.0	40,000*	65
	70	63.0	134.4	40,000*	64.9	133.9	40,000*	66.8	132.5	40,000*	70
	75	60.7	131.7	40,000*	62.6	131.1	40,000*	64.5	129.7	38,800*	75
	80	58.4	128.7	40,000*	60.3	128.1	40,000*	62.1	126.7	37,400*	80
	90	53.5	121.9	40,000*	55.4	121.3	40,000*	57.2	119.7	35,000*	90
120	100	48.4	113.6	40,000*	50.2	113.0	38,600*				100
	110	42.7	103.7	36,300	44.6	103.0	35,900*				110
	120	36.4	91.4	32,100							120
	35	78.7	157.3	40,000*							35
	40	76.8	156.2	40,000*	78.7	155.7	40,000*				40
	45	74.8	154.9	40,000*	76.7	154.4	40,000*	78.5	153.1	40,000*	45
	50	72.9	153.4	40,000*	74.8	152.9	40,000*	76.6	151.6	40,000*	50
	55	70.9	151.8	40,000*	72.8	151.3	40,000*	74.6	149.9	40,000*	55
	60	68.9	149.9	40,000*	70.8	149.4	40,000*	72.6	148.0	40,000*	60
	65	66.9	147.8	40,000*	68.8	147.3	40,000*	70.5	146.0	40,000*	65
	70	64.9	145.6	40,000*	66.7	145.0	40,000*	68.4	143.7	40,000*	70
	75	62.8	143.1	40,000*	64.6	142.5	40,000*	66.3	141.1	40,000*	75
	80	60.7	140.3	40,000*	62.5	139.8	40,000*	64.2	138.4	38,600*	80
	90	56.3	134.1	40,000*	58.1	133.5	40,000*	59.7	132.0	36,200*	90
	100	51.6	126.8	40,000*	53.4	126.1	40,000*	55.0	124.5	34,100*	100
	110	46.7	118.0	35,600	48.4	117.3	36,000				110
	120	41.2	107.5	31,400	43.0	106.8	31,700				120
	130	35.2	94.6	27,900							130

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

30 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
130	35	79.4	167.5	40,000*							35
	40	77.6	166.5	40,000*	79.4	166.0	40,000*				40
	45	75.8	165.3	40,000*	77.6	164.8	40,000*	79.3	163.5	40,000*	45
	50	74.0	163.9	40,000*	75.7	163.4	40,000*	77.4	162.1	40,000*	50
	55	72.1	162.3	40,000*	73.9	161.8	40,000*	75.6	160.5	40,000*	55
	60	70.3	160.6	40,000*	72.0	160.1	40,000*	73.7	158.7	40,000*	60
	65	68.4	158.7	40,000*	70.1	158.1	40,000*	71.8	156.8	40,000*	65
	70	66.5	156.6	40,000*	68.2	156.0	40,000*	69.9	154.7	40,000*	70
	75	64.6	154.3	40,000*	66.3	153.7	40,000*	67.9	152.3	40,000*	75
	80	62.6	151.7	40,000*	64.3	151.2	40,000*	65.9	149.8	39,700*	80
	90	58.6	146.0	40,000*	60.3	145.5	40,000*	61.8	144.0	37,300*	90
	100	54.4	139.3	40,000*	56.0	138.7	40,000*	57.5	137.2	35,200*	100
	110	49.9	131.5	35,200	51.6	130.8	35,600	53.0	129.2	33,400*	110
	120	45.1	122.2	31,000	46.7	121.5	31,300				120
	130	39.9	111.2	27,400							130
	140	34.0	97.7	24,400							140
140	35	80.0	177.7	40,000*							35
	40	78.3	176.7	40,000*	80.0	176.2	40,000*				40
	45	76.6	175.6	40,000*	78.3	175.1	40,000*	79.9	173.7	40,000*	45
	50	74.9	174.3	40,000*	76.6	173.8	40,000*	78.2	172.4	40,000*	50
	55	73.2	172.8	40,000*	74.9	172.3	40,000*	76.4	171.0	40,000*	55
	60	71.5	171.2	40,000*	73.1	170.7	40,000*	74.7	169.3	40,000*	60
	65	69.7	169.4	40,000*	71.3	168.9	40,000*	72.9	167.5	40,000*	65
	70	67.9	167.4	40,000*	69.6	166.9	40,000*	71.1	165.5	40,000*	70
	75	66.1	165.3	40,000*	67.8	164.7	40,000*	69.3	163.3	40,000*	75
	80	64.3	163.0	40,000*	65.9	162.4	40,000*	67.4	161.0	40,000*	80
	90	60.6	157.7	40,000*	62.2	157.1	40,000*	63.7	155.6	38,300*	90
	100	56.7	151.5	39,800	58.3	150.9	40,000*	59.7	149.4	36,200*	100
	110	52.6	144.3	34,600	54.2	143.7	35,000	55.6	142.1	34,300*	110
	120	48.3	136.0	30,300	49.9	135.3	30,700				120
	130	43.7	126.2	26,800	45.2	125.5	27,100				130
	140	38.7	114.7	23,800							140
	150	33.0	100.7	21,200							150
150	35	80.6	187.8	40,000*							35
	40	79.0	186.9	40,000*	80.5	186.4	40,000*				40
	45	77.4	185.8	40,000*	78.9	185.3	40,000*	80.5	184.0	40,000*	45
	50	75.8	184.6	40,000*	77.3	184.1	40,000*	78.8	182.8	40,000*	50
	55	74.1	183.3	40,000*	75.7	182.7	40,000*	77.2	181.4	40,000*	55
	60	72.5	181.7	40,000*	74.1	181.2	40,000*	75.6	179.8	40,000*	60
	65	70.9	180.0	40,000*	72.4	179.5	40,000*	73.9	178.1	40,000*	65
	70	69.2	178.2	40,000*	70.7	177.7	40,000*	72.2	176.3	40,000*	70
	75	67.5	176.2	40,000*	69.1	175.6	40,000*	70.5	174.2	40,000*	75
	80	65.8	174.0	40,000*	67.3	173.5	40,000*	68.8	172.0	40,000*	80
	90	62.3	169.1	40,000*	63.9	168.5	40,000*	65.3	167.0	39,300*	90
	100	58.7	163.4	39,200	60.2	162.8	39,800	61.6	161.3	37,100*	100
	110	55.0	156.8	34,000	56.5	156.2	34,500	57.8	154.6	35,000	110
	120	51.1	149.2	29,800	52.5	148.5	30,200	53.8	146.8	30,600	120
	130	46.9	140.4	26,200	48.4	139.7	26,600				130
	140	42.4	130.2	23,200	43.9	129.4	23,500				140
	150	37.6	118.1	20,600							150
	160	32.0	103.6	18,400							160
160	40	79.5	197.1	40,000*							40
	45	78.0	196.1	40,000*	79.5	195.6	40,000*				45
	50	76.5	194.9	40,000*	78.0	194.4	40,000*	79.4	193.1	40,000*	50
	55	75.0	193.6	40,000*	76.5	193.1	40,000*	77.9	191.8	40,000*	55
	60	73.4	192.2	40,000*	74.9	191.7	40,000*	76.3	190.3	40,000*	60
	65	71.9	190.6	40,000*	73.4	190.1	40,000*	74.8	188.7	40,000*	65
	70	70.3	188.9	40,000*	71.8	188.3	40,000*	73.2	187.0	40,000*	70
	75	68.7	187.0	40,000*	70.2	186.4	40,000*	71.6	185.0	40,000*	75
	80	67.1	184.9	40,000*	68.6	184.4	40,000*	70.0	183.0	40,000*	80
	90	63.9	180.3	40,000*	65.3	179.8	40,000*	66.7	178.3	40,000*	90
	100	60.5	175.0	38,600	62.0	174.4	39,200	63.3	172.9	38,000*	100
	110	57.0	168.9	33,400	58.5	168.3	33,900	59.8	166.7	34,400	110
	120	53.4	161.9	29,100	54.8	161.2	29,600	56.1	159.6	30,000	120
	130	49.6	153.8	25,600	51.0	153.2	26,000				130
	140	45.6	144.6	22,600	47.0	143.9	22,900				140
	150	41.3	134.0	20,000	42.6	133.2	20,300				150
	160	36.5	121.5	17,800							160

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

30 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
170	40	80.1	207.3	40,000*							40
	45	78.6	206.3	40,000*	80.0	205.8	40,000*				45
	50	77.2	205.2	40,000*	78.6	204.7	40,000*	80.0	203.3	40,000*	50
	55	75.7	204.0	40,000*	77.2	203.5	40,000*	78.5	202.1	40,000*	55
	60	74.3	202.6	40,000*	75.7	202.1	40,000*	77.0	200.7	40,000*	60
	65	72.8	201.1	40,000*	74.2	200.6	40,000*	75.6	199.2	40,000*	65
	70	71.3	199.5	40,000*	72.7	198.9	40,000*	74.1	197.6	40,000*	70
	75	69.8	197.7	40,000*	71.2	197.1	40,000*	72.6	195.7	40,000*	75
	80	68.3	195.8	40,000*	69.7	195.2	40,000*	71.0	193.8	40,000*	80
	90	65.2	191.4	40,000*	66.6	190.9	40,000*	67.9	189.4	40,000*	90
	100	62.1	186.4	38,200	63.5	185.8	38,900	64.7	184.3	38,900*	100
	110	58.9	180.7	33,000	60.2	180.1	33,600	61.5	178.5	34,100	110
	120	55.5	174.2	28,800	56.8	173.6	29,300	58.1	172.0	29,700	120
	130	52.0	166.8	25,200	53.3	166.1	25,600	54.5	164.4	26,000	130
	140	48.3	158.4	22,200	49.6	157.7	22,600				140
	150	44.4	148.7	19,600	45.7	148.0	19,900				150
	160	40.2	137.6	17,400							160
	170	35.6	124.7	15,400							170
180	40	80.5	217.4	40,000*							40
	45	79.2	216.5	40,000*	80.5	216.0	40,000*				45
	50	77.8	215.5	40,000*	79.1	214.9	40,000*	80.5	213.6	40,000*	50
	55	76.4	214.3	40,000*	77.8	213.8	40,000*	79.1	212.4	40,000*	55
	60	75.0	213.0	40,000*	76.4	212.5	40,000*	77.7	211.1	40,000*	60
	65	73.6	211.6	40,000*	75.0	211.0	40,000*	76.3	209.7	40,000*	65
	70	72.2	210.0	40,000*	73.6	209.5	40,000*	74.8	208.1	40,000*	70
	75	70.8	208.3	40,000*	72.1	207.8	40,000*	73.4	206.4	40,000*	75
	80	69.4	206.5	40,000*	70.7	205.9	40,000*	72.0	204.5	40,000*	80
	90	66.5	202.4	40,000*	67.8	201.8	40,000*	69.0	200.4	40,000*	90
	100	63.5	197.7	37,600	64.8	197.1	38,300	66.0	195.6	39,000	100
	110	60.5	192.3	32,400	61.8	191.7	33,000	63.0	190.2	33,600	110
	120	57.3	186.2	28,200	58.6	185.6	28,700	59.8	184.0	29,200	120
	130	54.1	179.3	24,600	55.3	178.7	25,100	56.5	177.0	25,500	130
	140	50.7	171.6	21,600	51.9	170.9	22,000	53.0	169.2	22,400	140
	150	47.1	162.8	19,000	48.3	162.0	19,400				150
	160	43.3	152.7	16,800	44.5	152.0	17,100				160
	170	39.2	141.2	14,800							170
	180	34.7	127.8	13,100							180
190	45	79.7	226.7	40,000*							45
	50	78.3	225.7	40,000*	79.6	225.2	40,000*				50
	55	77.0	224.6	40,000*	78.3	224.1	40,000*	79.6	222.7	40,000*	55
	60	75.7	223.4	40,000*	77.0	222.8	40,000*	78.2	221.4	40,000*	60
	65	74.4	222.0	40,000*	75.7	221.5	40,000*	76.9	220.1	40,000*	65
	70	73.1	220.5	40,000*	74.3	220.0	40,000*	75.6	218.6	40,000*	70
	75	71.7	218.9	40,000*	73.0	218.4	40,000*	74.2	216.9	40,000*	75
	80	70.3	217.2	40,000*	71.6	216.6	40,000*	72.8	215.2	40,000*	80
	90	67.6	213.3	40,000*	68.9	212.7	40,000*	70.0	211.3	40,000*	90
	100	64.8	208.8	37,100	66.0	208.2	37,800	67.2	206.8	38,500	100
	110	61.9	203.7	31,900	63.2	203.2	32,500	64.3	201.6	33,100	110
	120	59.0	198.0	27,600	60.2	197.4	28,200	61.3	195.8	28,700	120
	130	55.9	191.6	24,100	57.1	190.9	24,600	58.2	189.3	25,000	130
	140	52.7	184.3	21,000	54.0	183.7	21,500	55.0	182.0	21,900	140
	150	49.4	176.2	18,500	50.6	175.5	18,800				150
	160	46.0	167.0	16,200	47.1	166.3	16,500				160
	170	42.3	156.6	14,200	43.4	155.8	14,500				170
	180	38.3	144.7	12,500							180
	190	33.9	130.9	11,000							190

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

30 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
200	45	80.1	236.9	40,000*							45
	50	78.9	235.9	40,000*	80.1	235.4	40,000*				50
	55	77.6	234.8	40,000*	78.8	234.3	40,000*	80.0	232.9	40,000*	55
	60	76.3	233.7	40,000*	77.6	233.1	40,000*	78.8	231.7	40,000*	60
	65	75.1	232.4	40,000*	76.3	231.8	40,000*	77.5	230.4	40,000*	65
	70	73.8	231.0	40,000*	75.0	230.4	40,000*	76.2	229.0	40,000*	70
	75	72.5	229.4	40,000*	73.7	228.9	40,000*	74.9	227.5	40,000*	75
	80	71.2	227.8	40,000*	72.4	227.2	40,000*	73.6	225.8	40,000*	80
	90	68.6	224.1	40,000*	69.8	223.5	40,000*	71.0	222.1	40,000*	90
	100	65.9	219.8	36,500	67.1	219.3	37,200	68.3	217.8	38,000	100
	110	63.2	215.0	31,300	64.4	214.4	32,000	65.5	212.9	32,600	110
	120	60.4	209.6	27,000	61.6	209.0	27,600	62.7	207.5	28,200	120
	130	57.6	203.6	23,500	58.7	202.9	24,000	59.8	201.3	24,500	130
	140	54.6	196.8	20,400	55.8	196.1	20,900	56.8	194.5	21,300	140
	150	51.5	189.2	17,800	52.7	188.5	18,300	53.7	186.8	18,600	150
	160	48.3	180.7	15,600	49.4	180.0	16,000				160
	170	44.9	171.2	13,600	46.0	170.4	13,900				170
	180	41.3	160.4	11,900	42.4	159.6	12,200				180
	190	37.4	148.1	10,300							190
	200	33.1	133.9	8,900							200
210	45	80.5	247.0	40,000*							45
	50	79.3	246.1	40,000*	80.5	245.6	40,000*				50
	55	78.1	245.1	40,000*	79.3	244.5	40,000*	80.5	243.2	40,000*	55
	60	76.9	244.0	40,000*	78.1	243.4	40,000*	79.2	242.0	40,000*	60
	65	75.7	242.7	40,000*	76.9	242.2	40,000*	78.0	240.8	40,000*	65
	70	74.5	241.4	40,000*	75.7	240.8	40,000*	76.8	239.4	40,000*	70
	75	73.3	239.9	40,000*	74.4	239.4	40,000*	75.6	237.9	40,000*	75
	80	72.0	238.3	40,000*	73.2	237.8	40,000*	74.3	236.3	40,000*	80
	90	69.5	234.8	40,000*	70.7	234.2	40,000*	71.8	232.8	40,000*	90
	100	67.0	230.8	36,100	68.1	230.2	36,900	69.2	228.7	37,600	100
	110	64.4	226.2	30,900	65.6	225.6	31,600	66.6	224.1	32,200	110
	120	61.8	221.1	26,600	62.9	220.5	27,200	63.9	218.9	27,800	120
	130	59.0	215.3	23,100	60.2	214.7	23,600	61.2	213.1	24,100	130
	140	56.3	209.0	20,000	57.4	208.3	20,500	58.4	206.7	21,000	140
	150	53.4	201.9	17,400	54.5	201.2	17,900	55.5	199.5	18,300	150
	160	50.4	193.9	15,200	51.5	193.3	15,600	52.4	191.5	15,900	160
	170	47.2	185.1	13,200	48.3	184.4	13,600				170
	180	43.9	175.2	11,500	45.0	174.5	11,800				180
	190	40.4	164.1	9,900							190
	200	36.6	151.5	8,600							200
	210	32.4	136.8	7,300							210
220	50	79.7	256.3	40,000*							50
	55	78.6	255.3	40,000*	79.7	254.8	40,000*				55
	60	77.4	254.2	40,000*	78.6	253.7	40,000*	79.7	252.3	40,000*	60
	65	76.3	253.0	40,000*	77.4	252.5	40,000*	78.5	251.1	40,000*	65
	70	75.1	251.7	40,000*	76.2	251.2	40,000*	77.3	249.8	40,000*	70
	75	73.9	250.3	40,000*	75.1	249.8	40,000*	76.1	248.4	40,000*	75
	80	72.8	248.8	40,000*	73.9	248.3	40,000*	75.0	246.8	40,000*	80
	90	70.4	245.4	40,000*	71.5	244.9	40,000*	72.5	243.4	40,000*	90
	100	67.9	241.6	35,500	69.1	241.0	36,300	70.1	239.6	37,100	100
	110	65.5	237.3	30,300	66.6	236.7	31,000	67.6	235.2	31,700	110
	120	63.0	232.4	26,000	64.1	231.8	26,700	65.1	230.3	27,300	120
	130	60.4	226.9	22,500	61.5	226.3	23,100	62.5	224.8	23,600	130
	140	57.8	220.9	19,400	58.8	220.3	20,000	59.8	218.7	20,400	140
	150	55.0	214.2	16,900	56.1	213.6	17,300	57.1	211.9	17,700	150
	160	52.2	206.8	14,600	53.3	206.1	15,000	54.2	204.4	15,400	160
	170	49.3	198.6	12,600	50.4	197.9	13,000				170
	180	46.2	189.4	10,900	47.3	188.7	11,200				180
	190	43.0	179.2	9,300	44.0	178.4	9,600				190
	200	39.6	167.7	8,000							200
	210	35.8	154.7	6,600*							210

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

30 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
230	50	80.1	266.4	40,000*							50
	55	79.0	265.5	40,000*	80.1	265.0	40,000*				55
	60	77.9	264.5	40,000*	79.0	263.9	40,000*	80.1	262.5	40,000*	60
	65	76.8	263.3	40,000*	77.9	262.8	40,000*	79.0	261.4	40,000*	65
	70	75.7	262.1	40,000*	76.8	261.5	40,000*	77.8	260.1	40,000*	70
	75	74.6	260.7	40,000*	75.6	260.2	40,000*	76.7	258.8	40,000*	75
	80	73.4	259.3	40,000*	74.5	258.7	40,000*	75.6	257.3	40,000*	80
	90	71.1	256.1	40,000*	72.2	255.5	40,000*	73.2	254.0	40,000*	90
	100	68.8	252.4	35,000	69.9	251.8	35,800	70.9	250.3	36,700	100
	110	66.5	248.2	29,800	67.5	247.6	30,500	68.5	246.1	31,300	110
	120	64.1	243.6	25,500	65.1	243.0	26,200	66.1	241.5	26,800	120
	130	61.6	238.4	21,900	62.7	237.8	22,500	63.6	236.2	23,100	130
	140	59.1	232.7	18,900	60.2	232.0	19,500	61.1	230.5	20,000	140
	150	56.5	226.3	16,300	57.6	225.7	16,800	58.5	224.1	17,200	150
	160	53.9	219.3	14,100	54.9	218.7	14,500	55.8	217.0	14,900	160
	170	51.1	211.6	12,100	52.2	210.9	12,500	53.1	209.2	12,800	170
	180	48.3	203.1	10,300	49.3	202.4	10,700				180
	190	45.3	193.6	8,800	46.3	192.9	9,100				190
	200	42.1	183.1	7,400*	43.1	182.3	7,700				200
	210	38.8	171.3	5,800*							210
	220	35.1	157.9	4,400*							220
240	50	80.5	276.6	40,000*							50
	55	79.4	275.7	40,000*	80.5	275.1	40,000*				55
	60	78.4	274.7	40,000*	79.4	274.1	40,000*	80.5	272.7	40,000*	60
	65	77.3	273.6	40,000*	78.4	273.0	40,000*	79.4	271.6	40,000*	65
	70	76.2	272.4	40,000*	77.3	271.8	40,000*	78.3	270.4	40,000*	70
	75	75.1	271.1	40,000*	76.2	270.6	40,000*	77.2	269.1	40,000*	75
	80	74.1	269.7	40,000*	75.1	269.2	40,000*	76.1	267.7	40,000*	80
	90	71.9	266.6	40,000*	72.9	266.0	40,000*	73.9	264.6	40,000*	90
	100	69.6	263.1	34,400	70.7	262.5	35,400	71.6	261.0	36,200	100
	110	67.4	259.1	29,200	68.4	258.5	30,000	69.4	257.0	30,800	110
	120	65.1	254.7	25,000	66.1	254.1	25,700	67.1	252.6	26,300	120
	130	62.8	249.7	21,400	63.8	249.1	22,000	64.7	247.6	22,600	130
	140	60.4	244.3	18,400	61.4	243.7	18,900	62.3	242.1	19,500	140
	150	57.9	238.2	15,800	58.9	237.6	16,300	59.8	236.0	16,700	150
	160	55.4	231.6	13,500	56.4	231.0	14,000	57.3	229.3	14,400	160
	170	52.8	224.3	11,500	53.8	223.7	11,900	54.7	221.9	12,300	170
	180	50.1	216.3	9,800	51.1	215.6	10,200				180
	190	47.3	207.5	8,200	48.3	206.8	8,600				190
	200	44.4	197.7	6,600*	45.4	197.0	7,000*				200
	210	41.3	186.9	5,100*	42.3	186.1	5,400*				210

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26'6" CRAWLERS EXTENDED

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
110	35	78.9	157.3	30,000*							35
	40	77.0	156.2	30,000*	79.5	155.5	30,000*				40
	45	75.1	154.9	30,000*	77.6	154.2	30,000*	80.0	152.6	30,000*	45
	50	73.1	153.4	30,000*	75.6	152.8	30,000*	78.0	151.1	30,000*	50
	55	71.2	151.8	30,000*	73.6	151.1	30,000*	76.0	149.4	30,000*	55
	60	69.2	149.9	30,000*	71.6	149.2	30,000*	74.0	147.5	30,000*	60
	65	67.2	147.8	30,000*	69.6	147.1	30,000*	72.0	145.4	30,000*	65
	70	65.1	145.6	30,000*	67.5	144.9	30,000*	69.9	143.1	30,000*	70
	75	63.0	143.1	30,000*	65.4	142.4	30,000*	67.7	140.6	30,000*	75
	80	60.9	140.3	30,000*	63.3	139.6	30,000*	65.6	137.8	29,200*	80
	90	56.5	134.1	30,000*	58.9	133.4	30,000*	61.1	131.5	27,200*	90
	100	51.9	126.7	30,000*	54.2	125.9	30,000*	56.3	123.9	25,600*	100
	110	46.9	118.0	30,000*	49.2	117.1	28,000*				110
	120	41.5	107.5	29,600*	43.7	106.5	26,200*				120
	130	35.4	94.6	27,300*							130
120	35	79.6	167.5	30,000*							35
	40	77.8	166.5	30,000*	80.2	165.8	30,000*				40
	45	76.0	165.2	30,000*	78.3	164.6	30,000*				45
	50	74.2	163.9	30,000*	76.5	163.2	30,000*	78.8	161.5	30,000*	50
	55	72.4	162.3	30,000*	74.7	161.6	30,000*	76.9	160.0	30,000*	55
	60	70.5	160.6	30,000*	72.8	159.9	30,000*	75.1	158.2	30,000*	60
	65	68.6	158.7	30,000*	70.9	158.0	30,000*	73.1	156.3	30,000*	65
	70	66.7	156.6	30,000*	69.0	155.9	30,000*	71.2	154.1	30,000*	70
	75	64.8	154.2	30,000*	67.1	153.5	30,000*	69.3	151.8	30,000*	75
	80	62.8	151.7	30,000*	65.1	151.0	30,000*	67.3	149.2	30,000*	80
	90	58.8	146.0	30,000*	61.0	145.3	30,000*	63.1	143.4	28,000*	90
	100	54.6	139.3	30,000*	56.8	138.5	30,000*	58.8	136.5	26,400*	100
	110	50.1	131.4	30,000*	52.3	130.6	29,300*	54.3	128.5	24,900*	110
	120	45.3	122.2	30,000*	47.5	121.3	27,400*				120
	130	40.1	111.1	28,200	42.2	110.1	25,800*				130
	140	34.2	97.7	25,200							140
130	35	80.2	177.7	30,000*							35
	40	78.5	176.7	30,000*							40
	45	76.8	175.6	30,000*	79.0	174.9	30,000*				45
	50	75.1	174.3	30,000*	77.3	173.6	30,000*	79.5	171.9	30,000*	50
	55	73.4	172.8	30,000*	75.6	172.1	30,000*	77.7	170.4	30,000*	55
	60	71.7	171.2	30,000*	73.9	170.5	30,000*	76.0	168.8	30,000*	60
	65	69.9	169.4	30,000*	72.1	168.7	30,000*	74.2	167.0	30,000*	65
	70	68.1	167.4	30,000*	70.3	166.7	30,000*	72.4	165.0	30,000*	70
	75	66.3	165.3	30,000*	68.5	164.6	30,000*	70.6	162.8	30,000*	75
	80	64.5	162.9	30,000*	66.7	162.2	30,000*	68.7	160.4	30,000*	80
	90	60.8	157.7	30,000*	62.9	156.9	30,000*	64.9	155.0	28,800*	90
	100	56.9	151.5	30,000*	59.0	150.7	30,000*	61.0	148.7	27,100*	100
	110	52.8	144.3	30,000*	54.9	143.5	30,000*	56.8	141.4	25,700*	110
	120	48.5	136.0	30,000*	50.6	135.1	28,600*	52.4	132.9	24,400*	120
	130	43.9	126.2	27,800	45.9	125.3	26,900*				130
	140	38.9	114.7	24,800							140
	150	33.2	100.7	22,200							150
140	40	79.2	186.9	30,000*							40
	45	77.6	185.8	30,000*	79.6	185.2	30,000*				45
	50	76.0	184.6	30,000*	78.0	183.9	30,000*	80.1	182.2	30,000*	50
	55	74.3	183.2	30,000*	76.4	182.6	30,000*	78.4	180.8	30,000*	55
	60	72.7	181.7	30,000*	74.8	181.0	30,000*	76.8	179.3	30,000*	60
	65	71.1	180.0	30,000*	73.1	179.3	30,000*	75.1	177.6	30,000*	65
	70	69.4	178.2	30,000*	71.4	177.5	30,000*	73.4	175.7	30,000*	70
	75	67.7	176.2	30,000*	69.8	175.5	30,000*	71.7	173.7	30,000*	75
	80	66.0	174.0	30,000*	68.0	173.3	30,000*	70.0	171.4	30,000*	80
	90	62.5	169.1	30,000*	64.5	168.3	30,000*	66.4	166.4	29,600*	90
	100	58.9	163.4	30,000*	60.9	162.6	30,000*	62.8	160.6	27,900*	100
	110	55.2	156.8	30,000*	57.2	155.9	30,000*	59.0	153.9	26,400*	110
	120	51.3	149.1	30,000*	53.2	148.3	29,700*	55.0	146.2	25,100*	120
	130	47.1	140.4	27,100	49.0	139.4	27,600				130
	140	42.6	130.1	24,100	44.5	129.2	24,500				140
	150	37.8	118.1	21,500							150
	160	32.2	103.6	19,300							160

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
150	40	79.7	197.1	30,000*							40
	45	78.2	196.1	30,000*	80.2	195.4	30,000*				45
	50	76.7	194.9	30,000*	78.7	194.2	30,000*				50
	55	75.2	193.6	30,000*	77.1	192.9	30,000*	79.1	191.2	30,000*	55
	60	73.6	192.2	30,000*	75.6	191.5	30,000*	77.5	189.7	30,000*	60
	65	72.1	190.6	30,000*	74.0	189.9	30,000*	75.9	188.1	30,000*	65
	70	70.5	188.9	30,000*	72.5	188.2	30,000*	74.3	186.4	30,000*	70
	75	68.9	187.0	30,000*	70.9	186.3	30,000*	72.7	184.5	30,000*	75
	80	67.3	184.9	30,000*	69.3	184.2	30,000*	71.1	182.4	30,000*	80
	90	64.1	180.3	30,000*	66.0	179.6	30,000*	67.8	177.7	30,000*	90
	100	60.7	175.0	30,000*	62.6	174.2	30,000*	64.4	172.3	28,600*	100
	110	57.2	168.8	30,000*	59.1	168.0	30,000*	60.9	166.0	27,100*	110
	120	53.6	161.8	30,000*	55.5	161.0	30,000*	57.2	158.9	25,800*	120
	130	49.8	153.8	26,600	51.7	152.9	27,100	53.3	150.7	24,600*	130
	140	45.8	144.6	23,600	47.6	143.7	24,000				140
	150	41.5	133.9	21,000	43.2	132.9	21,300				150
	160	36.7	121.4	18,700							160
160	40	80.2	207.3	30,000*							40
	45	78.8	206.3	30,000*							45
	50	77.4	205.2	30,000*	79.2	204.5	30,000*				50
	55	75.9	204.0	30,000*	77.8	203.3	30,000*	79.6	201.5	30,000*	55
	60	74.5	202.6	30,000*	76.3	201.9	30,000*	78.1	200.1	30,000*	60
	65	73.0	201.1	30,000*	74.8	200.4	30,000*	76.7	198.6	30,000*	65
	70	71.5	199.5	30,000*	73.4	198.8	30,000*	75.2	197.0	30,000*	70
	75	70.0	197.7	30,000*	71.9	197.0	30,000*	73.6	195.1	30,000*	75
	80	68.5	195.7	30,000*	70.3	195.0	30,000*	72.1	193.2	30,000*	80
	90	65.4	191.4	30,000*	67.3	190.7	30,000*	69.0	188.8	30,000*	90
	100	62.3	186.4	30,000*	64.1	185.6	30,000*	65.8	183.7	29,200*	100
	110	59.0	180.7	30,000*	60.8	179.9	30,000*	62.5	177.9	27,700*	110
	120	55.7	174.2	29,500	57.5	173.3	30,000*	59.1	171.3	26,400*	120
	130	52.2	166.8	25,900	53.9	165.9	26,500	55.5	163.7	25,300*	130
	140	48.5	158.3	22,900	50.2	157.4	23,400				140
	150	44.6	148.7	20,300	46.3	147.7	20,700				150
	160	40.4	137.6	18,100	42.1	136.6	18,400				160
	170	35.8	124.7	16,100							170
170	45	79.3	216.5	30,000*							45
	50	78.0	215.5	30,000*	79.8	214.8	30,000*				50
	55	76.6	214.3	30,000*	78.4	213.6	30,000*	80.1	211.8	30,000*	55
	60	75.2	213.0	30,000*	77.0	212.3	30,000*	78.7	210.5	30,000*	60
	65	73.8	211.6	30,000*	75.6	210.9	30,000*	77.3	209.1	30,000*	65
	70	72.4	210.0	30,000*	74.2	209.3	30,000*	75.9	207.5	30,000*	70
	75	71.0	208.3	30,000*	72.7	207.6	30,000*	74.4	205.8	30,000*	75
	80	69.6	206.5	30,000*	71.3	205.7	30,000*	73.0	203.9	30,000*	80
	90	66.7	202.4	30,000*	68.4	201.6	30,000*	70.1	199.8	30,000*	90
	100	63.7	197.7	30,000*	65.4	196.9	30,000*	67.1	195.0	29,900*	100
	110	60.6	192.3	30,000*	62.4	191.5	30,000*	64.0	189.5	28,400*	110
	120	57.5	186.2	29,100	59.2	185.4	29,800	60.8	183.3	27,000*	120
	130	54.2	179.3	25,600	55.9	178.5	26,100	57.5	176.3	25,900*	130
	140	50.8	171.5	22,500	52.5	170.6	23,000	54.0	168.4	23,500	140
	150	47.3	162.7	20,000	48.9	161.8	20,400				150
	160	43.5	152.7	17,700	45.1	151.7	18,100				160
	170	39.4	141.2	15,700							170
	180	34.9	127.8	14,000							180

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
180	45	79.8	226.7	30,000*							45
	50	78.5	225.7	30,000*	80.2	225.0	30,000*				50
	55	77.2	224.6	30,000*	78.9	223.9	30,000*	80.6	222.1	30,000*	55
	60	75.9	223.3	30,000*	77.6	222.6	30,000*	79.2	220.8	30,000*	60
	65	74.6	222.0	30,000*	76.2	221.3	30,000*	77.9	219.5	30,000*	65
	70	73.2	220.5	30,000*	74.9	219.8	30,000*	76.5	218.0	30,000*	70
	75	71.9	218.9	30,000*	73.6	218.2	30,000*	75.2	216.3	30,000*	75
	80	70.5	217.1	30,000*	72.2	216.4	30,000*	73.8	214.6	30,000*	80
	90	67.8	213.3	30,000*	69.4	212.5	30,000*	71.0	210.6	30,000*	90
	100	65.0	208.8	30,000*	66.6	208.0	30,000*	68.2	206.1	30,000*	100
	110	62.1	203.7	30,000*	63.7	202.9	30,000*	65.3	201.0	28,900*	110
	120	59.1	198.0	28,500	60.8	197.2	29,200	62.3	195.2	27,600*	120
	130	56.1	191.6	25,000	57.7	190.7	25,600	59.2	188.6	26,100	130
	140	52.9	184.3	21,900	54.5	183.4	22,500	55.9	181.3	23,000	140
	150	49.6	176.2	19,300	51.2	175.3	19,800	52.6	173.0	20,200	150
	160	46.1	167.0	17,100	47.7	166.0	17,500				160
	170	42.4	156.6	15,100	44.0	155.6	15,500				170
	180	38.4	144.7	13,400							180
	190	34.1	130.9	11,800							190
190	45	80.3	236.8	30,000*							45
	50	79.0	235.9	30,000*	80.6	235.2	30,000*				50
	55	77.8	234.8	30,000*	79.4	234.1	30,000*				55
	60	76.5	233.7	30,000*	78.1	232.9	30,000*	79.7	231.1	30,000*	60
	65	75.2	232.4	30,000*	76.9	231.6	30,000*	78.4	229.8	30,000*	65
	70	74.0	230.9	30,000*	75.6	230.2	30,000*	77.2	228.4	30,000*	70
	75	72.7	229.4	30,000*	74.3	228.7	30,000*	75.9	226.8	30,000*	75
	80	71.4	227.8	30,000*	73.0	227.0	30,000*	74.5	225.2	30,000*	80
	90	68.8	224.1	30,000*	70.4	223.3	30,000*	71.9	221.4	30,000*	90
	100	66.1	219.8	30,000*	67.7	219.1	30,000*	69.2	217.1	30,000*	100
	110	63.4	215.0	30,000*	65.0	214.2	30,000*	66.4	212.3	29,500*	110
	120	60.6	209.6	28,000	62.2	208.8	28,700	63.6	206.8	28,200*	120
	130	57.7	203.6	24,400	59.3	202.7	25,100	60.7	200.6	25,700	130
	140	54.7	196.8	21,400	56.3	195.9	22,000	57.7	193.8	22,500	140
	150	51.7	189.2	18,800	53.2	188.3	19,300	54.6	186.0	19,800	150
	160	48.4	180.7	16,500	50.0	179.8	17,000				160
	170	45.1	171.2	14,600	46.6	170.2	15,000				170
	180	41.5	160.4	12,800	42.9	159.3	13,200				180
	190	37.6	148.1	11,300							190
	200	33.3	133.9	9,900							200
200	45	80.7	247.0	30,000*							45
	50	79.5	246.1	30,000*							50
	55	78.3	245.1	30,000*	79.8	244.3	30,000*				55
	60	77.1	243.9	30,000*	78.6	243.2	30,000*	80.2	241.4	30,000*	60
	65	75.9	242.7	30,000*	77.4	242.0	30,000*	78.9	240.2	30,000*	65
	70	74.6	241.4	30,000*	76.2	240.6	30,000*	77.7	238.8	30,000*	70
	75	73.4	239.9	30,000*	75.0	239.1	30,000*	76.5	237.3	30,000*	75
	80	72.2	238.3	30,000*	73.7	237.6	30,000*	75.2	235.7	30,000*	80
	90	69.7	234.8	30,000*	71.2	234.0	30,000*	72.7	232.1	30,000*	90
	100	67.1	230.7	30,000*	68.7	230.0	30,000*	70.1	228.1	30,000*	100
	110	64.6	226.2	30,000*	66.1	225.4	30,000*	67.5	223.4	30,000*	110
	120	61.9	221.1	27,400	63.4	220.3	28,100	64.8	218.2	28,700*	120
	130	59.2	215.3	23,800	60.7	214.5	24,500	62.1	212.4	25,100	130
	140	56.4	208.9	20,800	57.9	208.1	21,400	59.2	206.0	22,000	140
	150	53.5	201.8	18,200	55.0	201.0	18,700	56.3	198.7	19,200	150
	160	50.5	193.9	15,900	52.0	193.0	16,400	53.3	190.7	16,800	160
	170	47.4	185.1	13,900	48.8	184.1	14,400				170
	180	44.1	175.2	12,200	45.5	174.2	12,600				180
	190	40.5	164.1	10,600							190
	200	36.7	151.4	9,300							200
	210	32.6	136.8	8,000							210

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
210	50	79.9	256.3	30,000*							50
	55	78.7	255.3	30,000*	80.2	254.6	30,000*				55
	60	77.6	254.2	30,000*	79.1	253.5	30,000*	80.6	251.7	30,000*	60
	65	76.4	253.0	30,000*	77.9	252.3	30,000*	79.4	250.5	30,000*	65
	70	75.3	251.7	30,000*	76.7	251.0	30,000*	78.2	249.2	30,000*	70
	75	74.1	250.3	30,000*	75.6	249.6	30,000*	77.0	247.7	30,000*	75
	80	72.9	248.8	30,000*	74.4	248.1	30,000*	75.8	246.2	30,000*	80
	90	70.5	245.4	30,000*	72.0	244.7	30,000*	73.4	242.8	30,000*	90
	100	68.1	241.6	30,000*	69.6	240.8	30,000*	71.0	238.9	30,000*	100
	110	65.6	237.2	30,000*	67.1	236.5	30,000*	68.5	234.5	30,000*	110
	120	63.1	232.4	27,000	64.6	231.6	27,800	65.9	229.6	28,500	120
	130	60.5	226.9	23,400	62.0	226.1	24,100	63.3	224.1	24,800	130
	140	57.9	220.9	20,400	59.3	220.0	21,000	60.6	217.9	21,600	140
	150	55.2	214.2	17,800	56.6	213.3	18,300	57.9	211.1	18,900	150
	160	52.4	206.8	15,500	53.8	205.9	16,000	55.0	203.6	16,500	160
	170	49.4	198.5	13,500	50.8	197.6	14,000				170
	180	46.4	189.4	11,800	47.8	188.4	12,200				180
	190	43.1	179.2	10,200	44.5	178.1	10,600				190
	200	39.7	167.7	8,900							200
	210	36.0	154.7	7,600							210
220	50	80.3	266.4	30,000*							50
	55	79.2	265.5	30,000*	80.6	264.8	30,000*				55
	60	78.1	264.4	30,000*	79.5	263.7	30,000*				60
	65	76.9	263.3	30,000*	78.4	262.6	30,000*	79.8	260.7	30,000*	65
	70	75.8	262.1	30,000*	77.3	261.3	30,000*	78.7	259.5	30,000*	70
	75	74.7	260.7	30,000*	76.1	260.0	30,000*	77.5	258.1	30,000*	75
	80	73.6	259.3	30,000*	75.0	258.5	30,000*	76.4	256.7	30,000*	80
	90	71.3	256.0	30,000*	72.7	255.3	30,000*	74.1	253.4	30,000*	90
	100	69.0	252.4	30,000*	70.4	251.6	30,000*	71.7	249.7	30,000*	100
	110	66.6	248.2	30,000*	68.0	247.4	30,000*	69.4	245.5	30,000*	110
	120	64.2	243.6	26,400	65.6	242.8	27,200	66.9	240.8	28,000	120
	130	61.8	238.4	22,800	63.2	237.6	23,600	64.4	235.5	24,300	130
	140	59.3	232.7	19,800	60.6	231.8	20,500	61.9	229.7	21,100	140
	150	56.7	226.3	17,200	58.1	225.5	17,800	59.3	223.3	18,400	150
	160	54.0	219.3	14,900	55.4	218.4	15,500	56.6	216.2	16,000	160
	170	51.3	211.6	12,900	52.6	210.7	13,400	53.8	208.4	13,900	170
	180	48.4	203.1	11,200	49.8	202.1	11,600				180
	190	45.4	193.6	9,600	46.7	192.6	10,000				190
	200	42.3	183.1	8,300	43.6	182.0	8,600				200
	210	38.9	171.3	7,000*							210
	220	35.3	157.9	5,600*							220
230	50	80.6	276.6	30,000*							50
	55	79.6	275.7	30,000*							55
	60	78.5	274.7	30,000*	79.9	273.9	30,000*				60
	65	77.4	273.6	30,000*	78.8	272.8	30,000*	80.2	271.0	30,000*	65
	70	76.4	272.4	30,000*	77.7	271.6	30,000*	79.1	269.8	30,000*	70
	75	75.3	271.1	30,000*	76.7	270.3	30,000*	78.0	268.5	30,000*	75
	80	74.2	269.7	30,000*	75.6	268.9	30,000*	76.9	267.1	30,000*	80
	90	72.0	266.6	30,000*	73.4	265.8	30,000*	74.7	263.9	30,000*	90
	100	69.8	263.1	30,000*	71.1	262.3	30,000*	72.4	260.4	30,000*	100
	110	67.5	259.1	30,000*	68.9	258.3	30,000*	70.2	256.4	30,000*	110
	120	65.2	254.6	25,800	66.6	253.8	26,700	67.8	251.9	27,600	120
	130	62.9	249.7	22,300	64.2	248.9	23,100	65.5	246.9	23,800	130
	140	60.5	244.3	19,200	61.8	243.4	20,000	63.1	241.3	20,600	140
	150	58.1	238.2	16,600	59.4	237.4	17,300	60.6	235.3	17,900	150
	160	55.5	231.6	14,400	56.9	230.7	15,000	58.0	228.5	15,500	160
	170	52.9	224.3	12,400	54.3	223.4	12,900	55.4	221.1	13,400	170
	180	50.3	216.3	10,600	51.6	215.4	11,100	52.7	213.0	11,500	180
	190	47.5	207.5	9,100	48.8	206.5	9,500				190
	200	44.5	197.7	7,700	45.8	196.7	8,100				200
	210	41.4	186.9	6,200*	42.7	185.8	6,700*				210
	220	38.1	174.7	4,800*							220

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
240	55	79.9	285.8	30,000*							55
	60	78.9	284.9	30,000*	80.3	284.1	30,000*				60
	65	77.9	283.8	30,000*	79.2	283.1	30,000*	80.5	281.2	30,000*	65
	70	76.8	282.7	30,000*	78.2	281.9	30,000*	79.5	280.1	30,000*	70
	75	75.8	281.4	30,000*	77.1	280.7	30,000*	78.4	278.8	30,000*	75
	80	74.8	280.1	30,000*	76.1	279.3	30,000*	77.4	277.5	30,000*	80
	90	72.6	277.1	30,000*	74.0	276.3	30,000*	75.3	274.4	30,000*	90
	100	70.5	273.7	30,000*	71.8	272.9	30,000*	73.1	271.0	30,000*	100
	110	68.4	269.9	29,600	69.7	269.1	30,000*	70.9	267.2	30,000*	110
	120	66.2	265.6	25,300	67.5	264.9	26,200	68.7	262.9	27,100	120
	130	63.9	260.9	21,700	65.2	260.1	22,600	66.4	258.1	23,300	130
	140	61.6	255.7	18,700	62.9	254.9	19,400	64.1	252.8	20,100	140
	150	59.3	250.0	16,100	60.6	249.1	16,800	61.8	247.0	17,400	150
	160	56.9	243.7	13,800	58.2	242.8	14,400	59.4	240.6	15,000	160
	170	54.5	236.8	11,800	55.7	235.9	12,400	56.9	233.6	12,900	170
	180	51.9	229.2	10,100	53.2	228.3	10,600	54.3	226.0	11,000	180
	190	49.3	220.9	8,500	50.5	219.9	9,000				190
	200	46.6	211.8	7,000*	47.8	210.8	7,600*				200
	210	43.7	201.7	5,400*	44.9	200.7	5,900*				210
	220	40.7	190.6	4,000*							220

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
110	35	79.9	167.7	20,000*							35
	40	78.1	166.7	20,000*							40
	45	76.3	165.5	20,000*	79.2	164.8	20,000*				45
	50	74.5	164.1	20,000*	77.4	163.4	20,000*	80.3	161.6	20,000*	50
	55	72.7	162.6	20,000*	75.6	161.9	20,000*	78.4	160.1	20,000*	55
	60	70.8	160.9	20,000*	73.7	160.2	20,000*	76.6	158.3	20,000*	60
	65	68.9	159.0	20,000*	71.8	158.3	20,000*	74.7	156.4	20,000*	65
	70	67.0	157.0	20,000*	69.9	156.2	20,000*	72.7	154.3	20,000*	70
	75	65.1	154.7	20,000*	68.0	154.0	20,000*	70.8	152.0	20,000*	75
	80	63.1	152.2	20,000*	66.0	151.5	20,000*	68.8	149.5	20,000*	80
	90	59.1	146.6	20,000*	62.0	145.8	20,000*	64.7	143.7	20,000*	90
	100	54.9	140.0	20,000*	57.7	139.2	20,000*	60.4	137.0	20,000*	100
	110	50.5	132.2	20,000*	53.3	131.4	20,000*	55.8	129.0	20,000*	110
	120	45.7	123.1	20,000*	48.5	122.2	20,000*				120
	130	40.6	112.3	20,000*	43.3	111.2	20,000*				130
	140	34.8	99.1	20,000*							140
120	35	80.5	177.9	20,000*							35
	40	78.8	176.9	20,000*							40
	45	77.1	175.8	20,000*	79.9	175.1	20,000*				45
	50	75.4	174.5	20,000*	78.2	173.8	20,000*	80.9	171.9	20,000*	50
	55	73.7	173.1	20,000*	76.4	172.4	20,000*	79.1	170.5	20,000*	55
	60	71.9	171.5	20,000*	74.7	170.8	20,000*	77.4	168.9	20,000*	60
	65	70.2	169.7	20,000*	72.9	169.0	20,000*	75.6	167.1	20,000*	65
	70	68.4	167.8	20,000*	71.2	167.1	20,000*	73.8	165.1	20,000*	70
	75	66.6	165.7	20,000*	69.4	164.9	20,000*	72.0	163.0	20,000*	75
	80	64.8	163.4	20,000*	67.5	162.6	20,000*	70.1	160.6	20,000*	80
	90	61.1	158.2	20,000*	63.8	157.4	20,000*	66.3	155.3	20,000*	90
	100	57.2	152.1	20,000*	59.9	151.3	20,000*	62.4	149.1	20,000*	100
	110	53.2	145.0	20,000*	55.8	144.2	20,000*	58.3	141.9	20,000*	110
	120	48.9	136.8	20,000*	51.5	135.9	20,000*	53.9	133.5	19,500*	120
	130	44.3	127.2	20,000*	46.9	126.2	20,000*				130
	140	39.3	115.9	20,000*	41.9	114.7	20,000*				140
	150	33.7	102.1	20,000*							150
130	40	79.4	187.1	20,000*							40
	45	77.8	186.0	20,000*	80.4	185.3	20,000*				45
	50	76.2	184.9	20,000*	78.8	184.1	20,000*				50
	55	74.6	183.5	20,000*	77.2	182.8	20,000*	79.8	180.9	20,000*	55
	60	73.0	182.0	20,000*	75.6	181.3	20,000*	78.1	179.3	20,000*	60
	65	71.3	180.4	20,000*	73.9	179.6	20,000*	76.4	177.7	20,000*	65
	70	69.7	178.6	20,000*	72.2	177.8	20,000*	74.8	175.8	20,000*	70
	75	68.0	176.6	20,000*	70.6	175.8	20,000*	73.0	173.8	20,000*	75
	80	66.3	174.4	20,000*	68.8	173.6	20,000*	71.3	171.6	20,000*	80
	90	62.8	169.6	20,000*	65.4	168.8	20,000*	67.8	166.7	20,000*	90
	100	59.2	163.9	20,000*	61.8	163.1	20,000*	64.1	160.9	20,000*	100
	110	55.5	157.4	20,000*	58.0	156.5	20,000*	60.3	154.3	20,000*	110
	120	51.6	149.9	20,000*	54.1	149.0	20,000*	56.3	146.6	20,000*	120
	130	47.5	141.2	20,000*	49.9	140.3	20,000*	52.1	137.7	19,100*	130
	140	43.0	131.2	20,000*	45.4	130.1	20,000*				140
	150	38.2	119.3	20,000*							150
	160	32.7	105.1	20,000*							160
140	40	80.0	197.3	20,000*							40
	45	78.5	196.3	20,000*	80.9	195.5	20,000*				45
	50	76.9	195.2	20,000*	79.4	194.4	20,000*				50
	55	75.4	193.9	20,000*	77.9	193.1	20,000*	80.3	191.2	20,000*	55
	60	73.9	192.5	20,000*	76.3	191.7	20,000*	78.8	189.8	20,000*	60
	65	72.3	190.9	20,000*	74.8	190.2	20,000*	77.2	188.2	20,000*	65
	70	70.8	189.2	20,000*	73.2	188.4	20,000*	75.6	186.4	20,000*	70
	75	69.2	187.3	20,000*	71.6	186.6	20,000*	74.0	184.5	20,000*	75
	80	67.6	185.3	20,000*	70.0	184.5	20,000*	72.4	182.5	20,000*	80
	90	64.3	180.8	20,000*	66.7	180.0	20,000*	69.1	177.9	20,000*	90
	100	61.0	175.5	20,000*	63.4	174.7	20,000*	65.7	172.5	20,000*	100
	110	57.5	169.5	20,000*	59.9	168.6	20,000*	62.1	166.3	20,000*	110
	120	53.9	162.5	20,000*	56.3	161.6	20,000*	58.5	159.3	20,000*	120
	130	50.1	154.6	20,000*	52.5	153.7	20,000*	54.6	151.2	19,700*	130
	140	46.1	145.5	20,000*	48.5	144.5	20,000*				140
	150	41.8	135.0	20,000*	44.1	133.9	20,000*				150
	160	37.1	122.7	19,500							160
	170	31.8	107.9	17,600							170

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
150	40	80.5	207.4	20,000*							40
	45	79.0	206.5	20,000*							45
	50	77.6	205.4	20,000*	79.9	204.7	20,000*				50
	55	76.1	204.2	20,000*	78.5	203.5	20,000*	80.8	201.5	20,000*	55
	60	74.7	202.9	20,000*	77.0	202.1	20,000*	79.3	200.1	20,000*	60
	65	73.2	201.4	20,000*	75.6	200.6	20,000*	77.9	198.6	20,000*	65
	70	71.7	199.8	20,000*	74.1	199.0	20,000*	76.4	197.0	20,000*	70
	75	70.2	198.0	20,000*	72.6	197.3	20,000*	74.8	195.2	20,000*	75
	80	68.7	196.1	20,000*	71.1	195.3	20,000*	73.3	193.3	20,000*	80
	90	65.7	191.8	20,000*	68.0	191.0	20,000*	70.2	188.9	20,000*	90
	100	62.5	186.9	20,000*	64.8	186.1	20,000*	67.0	183.9	20,000*	100
	110	59.3	181.2	20,000*	61.6	180.4	20,000*	63.7	178.1	20,000*	110
	120	56.0	174.8	20,000*	58.2	173.9	20,000*	60.3	171.6	20,000*	120
	130	52.5	167.5	20,000*	54.7	166.6	20,000*	56.7	164.1	20,000*	130
	140	48.8	159.2	20,000*	51.0	158.2	20,000*	53.0	155.6	19,300*	140
	150	44.9	149.7	20,000*	47.1	148.6	20,000*				150
	160	40.7	138.7	19,000	42.9	137.6	19,400				160
	170	36.2	126.0	17,000							170
160	40	80.9	217.6	20,000*							40
	45	79.6	216.7	20,000*							45
	50	78.2	215.7	20,000*	80.4	214.9	20,000*				50
	55	76.8	214.5	20,000*	79.0	213.8	20,000*				55
	60	75.4	213.3	20,000*	77.7	212.5	20,000*	79.9	210.5	20,000*	60
	65	74.0	211.9	20,000*	76.3	211.1	20,000*	78.4	209.0	20,000*	65
	70	72.6	210.3	20,000*	74.8	209.5	20,000*	77.0	207.5	20,000*	70
	75	71.2	208.6	20,000*	73.4	207.9	20,000*	75.6	205.8	20,000*	75
	80	69.8	206.8	20,000*	72.0	206.0	20,000*	74.1	204.0	20,000*	80
	90	66.9	202.8	20,000*	69.1	202.0	20,000*	71.2	199.9	20,000*	90
	100	63.9	198.1	20,000*	66.1	197.3	20,000*	68.2	195.1	20,000*	100
	110	60.9	192.8	20,000*	63.1	192.0	20,000*	65.1	189.7	20,000*	110
	120	57.8	186.8	20,000*	59.9	185.9	20,000*	61.9	183.6	20,000*	120
	130	54.5	180.0	20,000*	56.7	179.1	20,000*	58.6	176.7	20,000*	130
	140	51.1	172.3	20,000*	53.2	171.3	20,000*	55.2	168.8	19,800*	140
	150	47.6	163.6	20,000*	49.7	162.6	20,000*				150
	160	43.8	153.7	18,300	45.9	152.6	18,800				160
	170	39.7	142.4	16,400	41.8	141.2	16,700				170
	180	35.3	129.1	14,600							180
170	45	80.0	226.9	20,000*							45
	50	78.7	225.9	20,000*	80.9	225.1	20,000*				50
	55	77.4	224.8	20,000*	79.5	224.0	20,000*				55
	60	76.1	223.6	20,000*	78.2	222.8	20,000*	80.3	220.8	20,000*	60
	65	74.8	222.3	20,000*	76.9	221.5	20,000*	79.0	219.4	20,000*	65
	70	73.4	220.8	20,000*	75.6	220.0	20,000*	77.6	217.9	20,000*	70
	75	72.1	219.2	20,000*	74.2	218.4	20,000*	76.3	216.3	20,000*	75
	80	70.7	217.5	20,000*	72.8	216.7	20,000*	74.9	214.6	20,000*	80
	90	68.0	213.7	20,000*	70.1	212.8	20,000*	72.1	210.7	20,000*	90
	100	65.2	209.2	20,000*	67.3	208.4	20,000*	69.3	206.2	20,000*	100
	110	62.3	204.2	20,000*	64.4	203.4	20,000*	66.4	201.1	20,000*	110
	120	59.4	198.6	20,000*	61.4	197.7	20,000*	63.4	195.4	20,000*	120
	130	56.3	192.2	20,000*	58.4	191.3	20,000*	60.3	188.9	20,000*	130
	140	53.2	185.0	20,000*	55.2	184.1	20,000*	57.1	181.6	20,000*	140
	150	49.9	177.0	20,000*	51.9	176.0	20,000*	53.7	173.4	19,500*	150
	160	46.4	167.9	17,900	48.4	166.9	18,400				160
	170	42.7	157.6	16,000	44.7	156.5	16,400				170
	180	38.8	145.9	14,200							180
	190	34.4	132.3	12,700							190

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
180	45	80.5	237.0	20,000*							45
	50	79.2	236.1	20,000*							50
	55	78.0	235.0	20,000*	80.0	234.3	20,000*				55
	60	76.7	233.9	20,000*	78.7	233.1	20,000*	80.8	231.0	20,000*	60
	65	75.4	232.6	20,000*	77.5	231.8	20,000*	79.5	229.8	20,000*	65
	70	74.2	231.2	20,000*	76.2	230.4	20,000*	78.2	228.4	20,000*	70
	75	72.9	229.7	20,000*	74.9	228.9	20,000*	76.9	226.8	20,000*	75
	80	71.6	228.1	20,000*	73.6	227.3	20,000*	75.6	225.2	20,000*	80
	90	69.0	224.4	20,000*	71.0	223.6	20,000*	72.9	221.5	20,000*	90
	100	66.3	220.2	20,000*	68.3	219.4	20,000*	70.2	217.2	20,000*	100
	110	63.6	215.5	20,000*	65.6	214.6	20,000*	67.5	212.4	20,000*	110
	120	60.8	210.1	20,000*	62.8	209.3	20,000*	64.7	207.0	20,000*	120
	130	57.9	204.1	20,000*	59.9	203.2	20,000*	61.7	200.9	20,000*	130
	140	55.0	197.4	20,000*	57.0	196.5	20,000*	58.7	194.0	20,000*	140
	150	51.9	189.9	19,600	53.9	189.0	20,000*	55.6	186.4	19,900*	150
	160	48.7	181.5	17,300	50.6	180.5	17,900	52.3	177.8	18,300	160
	170	45.3	172.1	15,300	47.3	171.0	15,800				170
	180	41.8	161.5	13,600	43.6	160.3	14,000				180
	190	37.9	149.3	12,100							190
	200	33.7	135.3	10,700							200
190	45	80.9	247.2	20,000*							45
	50	79.7	246.3	20,000*							50
	55	78.5	245.3	20,000*	80.4	244.5	20,000*				55
	60	77.3	244.2	20,000*	79.2	243.4	20,000*				60
	65	76.0	243.0	20,000*	78.0	242.2	20,000*	79.9	240.1	20,000*	65
	70	74.8	241.6	20,000*	76.8	240.8	20,000*	78.7	238.7	20,000*	70
	75	73.6	240.2	20,000*	75.6	239.4	20,000*	77.5	237.3	20,000*	75
	80	72.4	238.6	20,000*	74.3	237.8	20,000*	76.2	235.7	20,000*	80
	90	69.9	235.1	20,000*	71.8	234.3	20,000*	73.7	232.1	20,000*	90
	100	67.3	231.1	20,000*	69.3	230.3	20,000*	71.1	228.1	20,000*	100
	110	64.8	226.6	20,000*	66.7	225.8	20,000*	68.5	223.5	20,000*	110
	120	62.1	221.6	20,000*	64.0	220.7	20,000*	65.8	218.4	20,000*	120
	130	59.4	215.9	20,000*	61.3	215.0	20,000*	63.1	212.6	20,000*	130
	140	56.6	209.6	20,000*	58.5	208.6	20,000*	60.2	206.2	20,000*	140
	150	53.8	202.5	19,000	55.6	201.6	19,700	57.3	199.0	20,000*	150
	160	50.8	194.7	16,800	52.6	193.7	17,300	54.3	191.1	17,900	160
	170	47.6	186.0	14,800	49.5	184.9	15,300				170
	180	44.3	176.2	13,000	46.2	175.1	13,500				180
	190	40.9	165.2	11,500	42.6	164.0	11,900				190
	200	37.1	152.7	10,100							200
	210	32.9	138.2	8,900							210
200	50	80.1	256.4	20,000*							50
	55	78.9	255.5	20,000*	80.8	254.7	20,000*				55
	60	77.8	254.4	20,000*	79.7	253.6	20,000*				60
	65	76.6	253.3	20,000*	78.5	252.5	20,000*	80.3	250.4	20,000*	65
	70	75.4	252.0	20,000*	77.3	251.2	20,000*	79.2	249.1	20,000*	70
	75	74.3	250.6	20,000*	76.1	249.8	20,000*	78.0	247.7	20,000*	75
	80	73.1	249.1	20,000*	75.0	248.3	20,000*	76.8	246.2	20,000*	80
	90	70.7	245.8	20,000*	72.6	244.9	20,000*	74.4	242.8	20,000*	90
	100	68.3	242.0	20,000*	70.1	241.1	20,000*	71.9	238.9	20,000*	100
	110	65.8	237.7	20,000*	67.7	236.8	20,000*	69.4	234.6	20,000*	110
	120	63.3	232.9	20,000*	65.2	232.0	20,000*	66.9	229.7	20,000*	120
	130	60.7	227.5	20,000*	62.6	226.6	20,000*	64.3	224.2	20,000*	130
	140	58.1	221.5	20,000*	59.9	220.6	20,000*	61.6	218.1	20,000*	140
	150	55.4	214.9	18,400	57.2	213.9	19,100	58.8	211.4	19,700	150
	160	52.6	207.5	16,100	54.4	206.5	16,800	56.0	203.9	17,300	160
	170	49.7	199.4	14,200	51.5	198.3	14,700	53.0	195.6	15,200	170
	180	46.6	190.3	12,400	48.4	189.2	12,900				180
	190	43.4	180.2	10,900	45.2	179.1	11,300				190
	200	40.0	168.8	9,500	41.7	167.6	9,900				200
	210	36.3	156.0	8,200							210
	220	32.3	141.1	7,100							220

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
210	50	80.5	266.6	20,000*							50
	55	79.3	265.7	20,000*							55
	60	78.2	264.7	20,000*	80.1	263.9	20,000*				60
	65	77.1	263.5	20,000*	78.9	262.7	20,000*	80.7	260.6	20,000*	65
	70	76.0	262.3	20,000*	77.8	261.5	20,000*	79.6	259.4	20,000*	70
	75	74.9	261.0	20,000*	76.7	260.2	20,000*	78.5	258.0	20,000*	75
	80	73.7	259.6	20,000*	75.5	258.7	20,000*	77.3	256.6	20,000*	80
	90	71.5	256.4	20,000*	73.3	255.5	20,000*	75.0	253.4	20,000*	90
	100	69.2	252.7	20,000*	70.9	251.9	20,000*	72.7	249.7	20,000*	100
	110	66.8	248.6	20,000*	68.6	247.8	20,000*	70.3	245.5	20,000*	110
	120	64.4	244.0	20,000*	66.2	243.1	20,000*	67.8	240.9	20,000*	120
	130	62.0	238.9	20,000*	63.7	238.0	20,000*	65.4	235.7	20,000*	130
	140	59.5	233.2	20,000*	61.2	232.3	20,000*	62.8	229.9	20,000*	140
	150	56.9	226.9	18,000	58.6	226.0	18,700	60.2	223.5	19,400	150
	160	54.2	220.0	15,700	56.0	219.0	16,400	57.5	216.5	17,000	160
	170	51.5	212.4	13,800	53.2	211.3	14,300	54.7	208.7	14,900	170
	180	48.7	203.9	12,000	50.4	202.8	12,500	51.8	200.1	13,000	180
	190	45.7	194.5	10,500	47.4	193.4	10,900				190
	200	42.5	184.1	9,100	44.2	182.9	9,500				200
	210	39.2	172.4	7,800							210
	220	35.6	159.2	6,700*							220
220	50	80.8	276.7	20,000*							50
	55	79.7	275.9	20,000*							55
	60	78.7	274.9	20,000*	80.4	274.1	20,000*				60
	65	77.6	273.8	20,000*	79.3	273.0	20,000*				65
	70	76.5	272.6	20,000*	78.3	271.8	20,000*	80.0	269.7	20,000*	70
	75	75.4	271.3	20,000*	77.2	270.5	20,000*	78.9	268.4	20,000*	75
	80	74.4	270.0	20,000*	76.1	269.1	20,000*	77.8	267.0	20,000*	80
	90	72.2	266.9	20,000*	73.9	266.1	20,000*	75.6	263.9	20,000*	90
	100	69.9	263.4	20,000*	71.7	262.6	20,000*	73.3	260.4	20,000*	100
	110	67.7	259.5	20,000*	69.4	258.6	20,000*	71.1	256.4	20,000*	110
	120	65.4	255.1	20,000*	67.1	254.2	20,000*	68.7	251.9	20,000*	120
	130	63.1	250.2	20,000*	64.8	249.3	20,000*	66.4	247.0	20,000*	130
	140	60.7	244.8	20,000*	62.4	243.9	20,000*	64.0	241.5	20,000*	140
	150	58.3	238.8	17,400	59.9	237.9	18,200	61.5	235.4	18,900	150
	160	55.7	232.3	15,100	57.4	231.3	15,800	58.9	228.8	16,500	160
	170	53.2	225.0	13,200	54.8	224.0	13,800	56.3	221.4	14,400	170
	180	50.5	217.1	11,400	52.1	216.1	12,000	53.6	213.3	12,500	180
	190	47.7	208.3	9,900	49.3	207.3	10,400				190
	200	44.8	198.7	8,500	46.4	197.5	8,900				200
	210	41.7	187.9	7,200	43.3	186.7	7,600				210
	220	38.4	175.9	5,900*							220
	230	34.9	162.3	4,600*							230
230	55	80.1	286.0	20,000*							55
	60	79.1	285.1	20,000*	80.8	284.3	20,000*				60
	65	78.0	284.0	20,000*	79.7	283.2	20,000*				65
	70	77.0	282.9	20,000*	78.7	282.1	20,000*	80.3	279.9	20,000*	70
	75	76.0	281.7	20,000*	77.6	280.9	20,000*	79.3	278.7	20,000*	75
	80	74.9	280.4	20,000*	76.6	279.5	20,000*	78.2	277.4	20,000*	80
	90	72.8	277.4	20,000*	74.5	276.6	20,000*	76.1	274.4	20,000*	90
	100	70.7	274.1	20,000*	72.3	273.2	20,000*	74.0	271.0	20,000*	100
	110	68.5	270.3	20,000*	70.2	269.4	20,000*	71.8	267.2	20,000*	110
	120	66.3	266.1	20,000*	68.0	265.2	20,000*	69.5	262.9	20,000*	120
	130	64.1	261.4	20,000*	65.7	260.5	20,000*	67.3	258.2	20,000*	130
	140	61.8	256.2	19,400	63.5	255.3	20,000*	65.0	252.9	20,000*	140
	150	59.5	250.5	16,800	61.1	249.6	17,600	62.6	247.2	18,400	150
	160	57.1	244.3	14,600	58.7	243.3	15,300	60.2	240.8	16,000	160
	170	54.7	237.5	12,600	56.3	236.5	13,300	57.7	233.9	13,900	170
	180	52.1	230.0	10,900	53.7	228.9	11,500	55.2	226.3	12,000	180
	190	49.5	221.7	9,300	51.1	220.7	9,800	52.5	217.9	10,300	190
	200	46.8	212.7	7,900	48.4	211.6	8,400				200
	210	43.9	202.7	6,500*	45.5	201.6	7,100*				210
	220	40.9	191.7	5,100*	42.5	190.4	5,600*				220

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
110	35	80.2	177.9	10,000*							35
	40	78.5	176.9	10,000*							40
	45	76.8	175.8	10,000*	80.2	175.2	10,000*				45
	50	75.1	174.5	10,000*	78.4	173.9	10,000*				50
	55	73.4	173.1	10,000*	76.7	172.4	10,000*	80.1	170.5	10,000*	55
	60	71.7	171.5	10,000*	75.0	170.9	10,000*	78.3	168.9	10,000*	60
	65	69.9	169.8	10,000*	73.2	169.1	10,000*	76.5	167.1	10,000*	65
	70	68.1	167.8	10,000*	71.4	167.1	10,000*	74.7	165.1	10,000*	70
	75	66.3	165.7	10,000*	69.6	165.0	10,000*	72.9	162.9	10,000*	75
	80	64.5	163.4	10,000*	67.8	162.7	10,000*	71.0	160.6	10,000*	80
	90	60.8	158.2	10,000*	64.1	157.5	10,000*	67.2	155.3	10,000*	90
	100	56.9	152.1	10,000*	60.2	151.4	10,000*	63.3	149.1	10,000*	100
	110	52.9	145.1	10,000*	56.1	144.3	10,000*	59.2	141.9	10,000*	110
	120	48.6	136.8	10,000*	51.8	136.0	10,000*	54.8	133.4	10,000*	120
	130	44.0	127.2	10,000*	47.2	126.3	10,000*				130
	140	39.0	115.9	10,000*	42.2	114.9	10,000*				140
	150	33.4	102.1	10,000*							150
120	35	80.7	188.0	10,000*							35
	40	79.1	187.1	10,000*							40
	45	77.5	186.1	10,000*	80.7	185.4	10,000*				45
	50	75.9	184.9	10,000*	79.1	184.2	10,000*				50
	55	74.3	183.5	10,000*	77.5	182.9	10,000*	80.6	180.8	10,000*	55
	60	72.7	182.0	10,000*	75.8	181.3	10,000*	79.0	179.3	10,000*	60
	65	71.1	180.4	10,000*	74.2	179.7	10,000*	77.3	177.6	10,000*	65
	70	69.4	178.6	10,000*	72.5	177.9	10,000*	75.6	175.8	10,000*	70
	75	67.7	176.6	10,000*	70.8	175.9	10,000*	73.9	173.8	10,000*	75
	80	66.0	174.4	10,000*	69.1	173.7	10,000*	72.2	171.6	10,000*	80
	90	62.5	169.6	10,000*	65.6	168.8	10,000*	68.6	166.6	10,000*	90
	100	59.0	163.9	10,000*	62.0	163.2	10,000*	65.0	160.9	10,000*	100
	110	55.2	157.4	10,000*	58.3	156.6	10,000*	61.2	154.2	10,000*	110
	120	51.3	149.9	10,000*	54.4	149.1	10,000*	57.2	146.6	10,000*	120
	130	47.2	141.3	10,000*	50.2	140.4	10,000*	53.0	137.7	10,000*	130
	140	42.8	131.2	10,000*	45.7	130.2	10,000*				140
	150	37.9	119.3	10,000*	40.9	118.3	10,000*				150
	160	32.5	105.1	10,000*							160
130	40	79.7	197.3	10,000*							40
	45	78.2	196.3	10,000*							45
	50	76.7	195.2	10,000*	79.7	194.5	10,000*				50
	55	75.2	193.9	10,000*	78.1	193.2	10,000*				55
	60	73.6	192.5	10,000*	76.6	191.8	10,000*	79.6	189.7	10,000*	60
	65	72.1	190.9	10,000*	75.0	190.2	10,000*	78.0	188.1	10,000*	65
	70	70.5	189.2	10,000*	73.5	188.5	10,000*	76.4	186.4	10,000*	70
	75	68.9	187.4	10,000*	71.9	186.6	10,000*	74.8	184.5	10,000*	75
	80	67.3	185.3	10,000*	70.3	184.6	10,000*	73.2	182.4	10,000*	80
	90	64.1	180.8	10,000*	67.0	180.0	10,000*	69.9	177.8	10,000*	90
	100	60.7	175.5	10,000*	63.6	174.8	10,000*	66.5	172.5	10,000*	100
	110	57.3	169.5	10,000*	60.2	168.7	10,000*	62.9	166.3	10,000*	110
	120	53.7	162.6	10,000*	56.5	161.7	10,000*	59.3	159.2	10,000*	120
	130	49.9	154.6	10,000*	52.7	153.8	10,000*	55.4	151.1	10,000*	130
	140	45.9	145.5	10,000*	48.7	144.6	10,000*	51.3	141.8	10,000*	140
	150	41.6	135.0	10,000*	44.4	134.0	10,000*				150
	160	36.9	122.7	10,000*							160
	170	31.6	107.9	10,000*							170

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
140	40	80.2	207.4	10,000*							40
	45	78.8	206.5	10,000*							45
	50	77.3	205.4	10,000*	80.2	204.7	10,000*				50
	55	75.9	204.2	10,000*	78.7	203.5	10,000*				55
	60	74.4	202.9	10,000*	77.3	202.2	10,000*	80.1	200.1	10,000*	60
	65	73.0	201.4	10,000*	75.8	200.7	10,000*	78.6	198.6	10,000*	65
	70	71.5	199.8	10,000*	74.3	199.1	10,000*	77.1	196.9	10,000*	70
	75	70.0	198.0	10,000*	72.8	197.3	10,000*	75.6	195.1	10,000*	75
	80	68.5	196.1	10,000*	71.3	195.4	10,000*	74.1	193.2	10,000*	80
	90	65.4	191.9	10,000*	68.2	191.1	10,000*	71.0	188.9	10,000*	90
	100	62.3	186.9	10,000*	65.1	186.1	10,000*	67.8	183.8	10,000*	100
	110	59.1	181.3	10,000*	61.8	180.5	10,000*	64.5	178.1	10,000*	110
	120	55.7	174.8	10,000*	58.5	174.0	10,000*	61.1	171.5	10,000*	120
	130	52.2	167.5	10,000*	55.0	166.6	10,000*	57.5	164.0	10,000*	130
	140	48.6	159.2	10,000*	51.3	158.3	10,000*	53.8	155.5	10,000*	140
	150	44.7	149.7	10,000*	47.4	148.7	10,000*				150
	160	40.5	138.8	10,000*	43.2	137.7	10,000*				160
	170	35.9	126.0	10,000*							170
	180	30.8	110.7	10,000*							180
150	40	80.7	217.6	10,000*							40
	45	79.3	216.7	10,000*							45
	50	78.0	215.7	10,000*	80.7	215.0	10,000*				50
	55	76.6	214.5	10,000*	79.3	213.8	10,000*				55
	60	75.2	213.3	10,000*	77.9	212.5	10,000*	80.6	210.4	10,000*	60
	65	73.8	211.9	10,000*	76.5	211.1	10,000*	79.2	209.0	10,000*	65
	70	72.4	210.3	10,000*	75.1	209.6	10,000*	77.8	207.4	10,000*	70
	75	71.0	208.7	10,000*	73.7	207.9	10,000*	76.3	205.7	10,000*	75
	80	69.6	206.9	10,000*	72.2	206.1	10,000*	74.9	203.9	10,000*	80
	90	66.7	202.8	10,000*	69.3	202.1	10,000*	71.9	199.8	10,000*	90
	100	63.7	198.2	10,000*	66.4	197.4	10,000*	68.9	195.0	10,000*	100
	110	60.7	192.8	10,000*	63.3	192.0	10,000*	65.8	189.6	10,000*	110
	120	57.5	186.8	10,000*	60.2	186.0	10,000*	62.6	183.5	10,000*	120
	130	54.3	180.0	10,000*	56.9	179.2	10,000*	59.3	176.6	10,000*	130
	140	50.9	172.3	10,000*	53.5	171.4	10,000*	55.9	168.7	10,000*	140
	150	47.3	163.6	10,000*	49.9	162.7	10,000*	52.2	159.8	10,000*	150
	160	43.6	153.7	10,000*	46.1	152.7	10,000*				160
	170	39.5	142.4	10,000*	42.0	141.3	10,000*				170
	180	35.0	129.2	10,000*							180
160	45	79.8	226.9	10,000*							45
	50	78.5	225.9	10,000*							50
	55	77.2	224.8	10,000*	79.8	224.1	10,000*				55
	60	75.9	223.6	10,000*	78.4	222.9	10,000*	81.0	220.7	10,000*	60
	65	74.5	222.3	10,000*	77.1	221.5	10,000*	79.7	219.3	10,000*	65
	70	73.2	220.8	10,000*	75.8	220.1	10,000*	78.3	217.9	10,000*	70
	75	71.9	219.2	10,000*	74.4	218.5	10,000*	77.0	216.2	10,000*	75
	80	70.5	217.5	10,000*	73.1	216.8	10,000*	75.6	214.5	10,000*	80
	90	67.8	213.7	10,000*	70.3	212.9	10,000*	72.8	210.6	10,000*	90
	100	65.0	209.3	10,000*	67.5	208.5	10,000*	70.0	206.1	10,000*	100
	110	62.1	204.2	10,000*	64.6	203.4	10,000*	67.1	201.0	10,000*	110
	120	59.1	198.6	10,000*	61.7	197.8	10,000*	64.1	195.3	10,000*	120
	130	56.1	192.2	10,000*	58.6	191.4	10,000*	61.0	188.8	10,000*	130
	140	52.9	185.1	10,000*	55.4	184.2	10,000*	57.7	181.5	10,000*	140
	150	49.7	177.0	10,000*	52.1	176.1	10,000*	54.4	173.3	10,000*	150
	160	46.2	167.9	10,000*	48.6	166.9	10,000*	50.8	164.0	10,000*	160
	170	42.5	157.7	10,000*	44.9	156.6	10,000*				170
	180	38.6	145.9	10,000*	41.0	144.8	10,000*				180
	190	34.2	132.3	10,000*							190

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
170	45	80.2	237.0	10,000*							45
	50	79.0	236.1	10,000*							50
	55	77.7	235.1	10,000*	80.2	234.3	10,000*				55
	60	76.5	233.9	10,000*	79.0	233.2	10,000*				60
	65	75.2	232.6	10,000*	77.7	231.9	10,000*	80.2	229.7	10,000*	65
	70	73.9	231.2	10,000*	76.4	230.5	10,000*	78.9	228.3	10,000*	70
	75	72.7	229.7	10,000*	75.1	229.0	10,000*	77.6	226.7	10,000*	75
	80	71.4	228.1	10,000*	73.8	227.3	10,000*	76.3	225.1	10,000*	80
	90	68.8	224.4	10,000*	71.2	223.7	10,000*	73.6	221.4	10,000*	90
	100	66.1	220.3	10,000*	68.5	219.5	10,000*	70.9	217.1	10,000*	100
	110	63.4	215.5	10,000*	65.8	214.7	10,000*	68.1	212.3	10,000*	110
	120	60.6	210.2	10,000*	63.0	209.3	10,000*	65.3	206.9	10,000*	120
	130	57.7	204.2	10,000*	60.1	203.3	10,000*	62.4	200.8	10,000*	130
	140	54.8	197.5	10,000*	57.2	196.6	10,000*	59.4	193.9	10,000*	140
	150	51.7	190.0	10,000*	54.1	189.0	10,000*	56.3	186.3	10,000*	150
	160	48.5	181.6	10,000*	50.9	180.6	10,000*	53.0	177.7	10,000*	160
	170	45.1	172.1	10,000*	47.5	171.1	10,000*				170
	180	41.6	161.5	10,000*	43.9	160.4	10,000*				180
	190	37.7	149.4	10,000*							190
	200	33.5	135.3	10,000*							200
180	45	80.6	247.2	10,000*							45
	50	79.5	246.3	10,000*							50
	55	78.3	245.3	10,000*	80.6	244.5	10,000*				55
	60	77.0	244.2	10,000*	79.4	243.4	10,000*				60
	65	75.8	243.0	10,000*	78.2	242.2	10,000*	80.6	240.0	10,000*	65
	70	74.6	241.6	10,000*	77.0	240.9	10,000*	79.3	238.6	10,000*	70
	75	73.4	240.2	10,000*	75.8	239.4	10,000*	78.1	237.2	10,000*	75
	80	72.2	238.6	10,000*	74.5	237.9	10,000*	76.8	235.6	10,000*	80
	90	69.7	235.1	10,000*	72.0	234.4	10,000*	74.3	232.0	10,000*	90
	100	67.1	231.2	10,000*	69.5	230.4	10,000*	71.8	228.0	10,000*	100
	110	64.6	226.7	10,000*	66.9	225.8	10,000*	69.1	223.4	10,000*	110
	120	61.9	221.6	10,000*	64.2	220.8	10,000*	66.5	218.3	10,000*	120
	130	59.2	215.9	10,000*	61.5	215.1	10,000*	63.7	212.5	10,000*	130
	140	56.4	209.6	10,000*	58.7	208.7	10,000*	60.9	206.1	10,000*	140
	150	53.6	202.6	10,000*	55.8	201.6	10,000*	57.9	198.9	10,000*	150
	160	50.6	194.7	10,000*	52.8	193.8	10,000*	54.9	190.9	10,000*	160
	170	47.4	186.0	10,000*	49.7	185.0	10,000*	51.7	182.0	10,000*	170
	180	44.1	176.2	10,000*	46.4	175.2	10,000*				180
	190	40.6	165.2	10,000*	42.9	164.1	10,000*				190
	200	36.9	152.7	10,000*							200
	210	32.7	138.3	9,600							210
190	45	81.0	257.3	10,000*							45
	50	79.9	256.5	10,000*							50
	55	78.7	255.5	10,000*	81.0	254.7	10,000*				55
	60	77.6	254.4	10,000*	79.8	253.7	10,000*				60
	65	76.4	253.3	10,000*	78.7	252.5	10,000*	81.0	250.2	10,000*	65
	70	75.2	252.0	10,000*	77.5	251.2	10,000*	79.8	248.9	10,000*	70
	75	74.1	250.6	10,000*	76.3	249.8	10,000*	78.6	247.5	10,000*	75
	80	72.9	249.1	10,000*	75.2	248.3	10,000*	77.4	246.0	10,000*	80
	90	70.5	245.8	10,000*	72.8	245.0	10,000*	75.0	242.7	10,000*	90
	100	68.1	242.0	10,000*	70.3	241.2	10,000*	72.5	238.8	10,000*	100
	110	65.6	237.7	10,000*	67.9	236.9	10,000*	70.0	234.4	10,000*	110
	120	63.1	232.9	10,000*	65.3	232.0	10,000*	67.5	229.6	10,000*	120
	130	60.6	227.5	10,000*	62.8	226.6	10,000*	64.9	224.1	10,000*	130
	140	57.9	221.5	10,000*	60.1	220.6	10,000*	62.2	218.0	10,000*	140
	150	55.2	214.9	10,000*	57.4	214.0	10,000*	59.4	211.3	10,000*	150
	160	52.4	207.5	10,000*	54.6	206.6	10,000*	56.6	203.8	10,000*	160
	170	49.5	199.4	10,000*	51.7	198.4	10,000*	53.6	195.5	10,000*	170
	180	46.4	190.3	10,000*	48.6	189.3	10,000*	50.5	186.2	10,000*	180
	190	43.2	180.2	10,000*	45.4	179.1	10,000*				190
	200	39.8	168.9	10,000*	41.9	167.7	10,000*				200
	210	36.1	156.0	9,000							210
	220	32.1	141.2	7,900							220

View thousands of Crane Specifications on FreeCraneSpecs.com

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
200	50	80.3	266.6	10,000*							50
	55	79.2	265.7	10,000*							55
	60	78.0	264.7	10,000*	80.2	263.9	10,000*				60
	65	76.9	263.6	10,000*	79.1	262.8	10,000*				65
	70	75.8	262.3	10,000*	78.0	261.6	10,000*	80.2	259.3	10,000*	70
	75	74.7	261.0	10,000*	76.9	260.2	10,000*	79.0	257.9	10,000*	75
	80	73.6	259.6	10,000*	75.7	258.8	10,000*	77.9	256.5	10,000*	80
	90	71.3	256.4	10,000*	73.4	255.6	10,000*	75.6	253.2	10,000*	90
	100	69.0	252.7	10,000*	71.1	251.9	10,000*	73.2	249.5	10,000*	100
	110	66.6	248.6	10,000*	68.8	247.8	10,000*	70.9	245.4	10,000*	110
	120	64.2	244.0	10,000*	66.4	243.2	10,000*	68.4	240.7	10,000*	120
	130	61.8	238.9	10,000*	63.9	238.1	10,000*	66.0	235.5	10,000*	130
	140	59.3	233.2	10,000*	61.4	232.4	10,000*	63.4	229.8	10,000*	140
	150	56.7	227.0	10,000*	58.8	226.1	10,000*	60.8	223.4	10,000*	150
	160	54.1	220.0	10,000*	56.2	219.1	10,000*	58.1	216.3	10,000*	160
	170	51.3	212.4	10,000*	53.4	211.4	10,000*	55.3	208.5	10,000*	170
	180	48.5	203.9	10,000*	50.6	202.9	10,000*	52.4	199.9	10,000*	180
	190	45.5	194.5	10,000*	47.6	193.5	10,000*				190
	200	42.4	184.1	9,600	44.4	183.0	10,000*				200
	210	39.0	172.4	8,400	41.0	171.2	8,800				210
	220	35.4	159.2	7,300							220
	230	31.4	144.0	6,200*							230
210	50	80.6	276.8	10,000*							50
	55	79.6	275.9	10,000*							55
	60	78.5	274.9	10,000*	80.6	274.1	10,000*				60
	65	77.4	273.8	10,000*	79.5	273.0	10,000*				65
	70	76.3	272.6	10,000*	78.4	271.9	10,000*	80.6	269.5	10,000*	70
	75	75.3	271.4	10,000*	77.4	270.6	10,000*	79.5	268.2	10,000*	75
	80	74.2	270.0	10,000*	76.3	269.2	10,000*	78.4	266.9	10,000*	80
	90	72.0	266.9	10,000*	74.1	266.1	10,000*	76.1	263.8	10,000*	90
	100	69.8	263.4	10,000*	71.9	262.6	10,000*	73.9	260.2	10,000*	100
	110	67.5	259.5	10,000*	69.6	258.7	10,000*	71.6	256.2	10,000*	110
	120	65.2	255.1	10,000*	67.3	254.3	10,000*	69.3	251.8	10,000*	120
	130	62.9	250.2	10,000*	65.0	249.4	10,000*	66.9	246.8	10,000*	130
	140	60.5	244.8	10,000*	62.6	243.9	10,000*	64.5	241.3	10,000*	140
	150	58.1	238.8	10,000*	60.1	238.0	10,000*	62.0	235.3	10,000*	150
	160	55.6	232.3	10,000*	57.6	231.4	10,000*	59.5	228.6	10,000*	160
	170	53.0	225.1	10,000*	55.0	224.1	10,000*	56.9	221.3	10,000*	170
	180	50.3	217.1	10,000*	52.3	216.1	10,000*	54.1	213.2	10,000*	180
	190	47.5	208.4	10,000*	49.5	207.3	10,000*	51.3	204.2	10,000*	190
	200	44.6	198.7	9,200	46.6	197.6	9,700				200
	210	41.5	187.9	8,000	43.5	186.8	8,400				210
	220	38.3	175.9	6,800	40.2	174.7	7,300				220
	230	34.7	162.4	5,600*							230
	240	30.8	146.8	4,500*							240
220	50	81.0	286.9	10,000*							50
	55	79.9	286.0	10,000*							55
	60	78.9	285.1	10,000*	80.9	284.3	10,000*				60
	65	77.9	284.1	10,000*	79.9	283.3	10,000*				65
	70	76.8	282.9	10,000*	78.9	282.1	10,000*	80.9	279.8	10,000*	70
	75	75.8	281.7	10,000*	77.8	280.9	10,000*	79.8	278.6	10,000*	75
	80	74.7	280.4	10,000*	76.8	279.6	10,000*	78.8	277.2	10,000*	80
	90	72.6	277.4	10,000*	74.7	276.6	10,000*	76.7	274.2	10,000*	90
	100	70.5	274.1	10,000*	72.5	273.3	10,000*	74.5	270.8	10,000*	100
	110	68.3	270.3	10,000*	70.4	269.5	10,000*	72.3	267.0	10,000*	110
	120	66.2	266.1	10,000*	68.2	265.3	10,000*	70.1	262.8	10,000*	120
	130	63.9	261.4	10,000*	65.9	260.6	10,000*	67.8	258.0	10,000*	130
	140	61.6	256.2	10,000*	63.6	255.4	10,000*	65.5	252.8	10,000*	140
	150	59.3	250.6	10,000*	61.3	249.7	10,000*	63.2	247.0	10,000*	150
	160	56.9	244.3	10,000*	58.9	243.4	10,000*	60.7	240.7	10,000*	160
	170	54.5	237.5	10,000*	56.5	236.5	10,000*	58.3	233.7	10,000*	170
	180	52.0	230.0	10,000*	53.9	229.0	10,000*	55.7	226.1	10,000*	180
	190	49.3	221.7	10,000*	51.3	220.7	10,000*	53.0	217.7	10,000*	190
	200	46.6	212.7	8,600	48.5	211.6	9,200				200
	210	43.8	202.7	7,400	45.7	201.6	7,900				210
	220	40.8	191.7	6,100*	42.6	190.5	6,700*				220
	230	37.5	179.4	4,800*							230

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
230	55	80.3	296.2	10,000*							55
	60	79.3	295.3	10,000*							60
	65	78.3	294.3	10,000*	80.3	293.5	10,000*				65
	70	77.3	293.2	10,000*	79.3	292.4	10,000*				70
	75	76.3	292.0	10,000*	78.2	291.2	10,000*	80.2	288.8	10,000*	75
	80	75.3	290.7	10,000*	77.2	289.9	10,000*	79.2	287.6	10,000*	80
	90	73.3	287.9	10,000*	75.2	287.1	10,000*	77.1	284.7	10,000*	90
	100	71.2	284.7	10,000*	73.1	283.9	10,000*	75.1	281.4	10,000*	100
	110	69.1	281.0	10,000*	71.1	280.2	10,000*	73.0	277.8	10,000*	110
	120	67.0	277.0	10,000*	69.0	276.2	10,000*	70.8	273.7	10,000*	120
	130	64.9	272.5	10,000*	66.8	271.7	10,000*	68.7	269.1	10,000*	130
	140	62.7	267.6	10,000*	64.6	266.7	10,000*	66.5	264.1	10,000*	140
	150	60.5	262.1	10,000*	62.4	261.2	10,000*	64.2	258.6	10,000*	150
	160	58.2	256.2	10,000*	60.1	255.3	10,000*	61.9	252.6	10,000*	160
	170	55.9	249.7	10,000*	57.8	248.7	10,000*	59.5	245.9	10,000*	170
	180	53.5	242.6	10,000*	55.4	241.6	10,000*	57.1	238.7	10,000*	180
	190	51.0	234.8	9,400	52.9	233.8	10,000*	54.6	230.8	10,000*	190
	200	48.4	226.3	8,000	50.3	225.2	8,700	52.0	222.2	9,200	200
	210	45.8	217.0	6,700*	47.6	215.9	7,300				210
	220	43.0	206.7	5,300*	44.8	205.6	6,000*				220
	230	40.0	195.4	4,000*	41.8	194.2	4,600*				230

JIB LIFTING CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W
SERIES-2

**JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
26'6" CRAWLERS — EXTENDED**

0 DEGREE JIB OFFSET ANGLE

Chart supplements boom capacity chart No. 6934-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, travel, as well as adverse operating conditions and physical machine depreciation.

Capacities do not exceed **75%** of a static tipping load with machine on 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 beneath boom and jib point sheaves, etc., including those on the main boom 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. Maximum capacity on 1-1/8" — 6x31 IPS, IWRC is 28,300 lbs./line. Refer to jib assembly No. 43730.

30 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	60 *	40,000	40,000	40,000	40,000	60 *
	65	40,000	40,000	40,000	40,000	65
	70	40,000	40,000	40,000	40,000	70
	75	40,000	40,000	40,000	40,000	75
	80	39,900	40,000	40,000	40,000	80
	85	37,400	40,000	40,000	40,000	85
	90	35,200	38,600	40,000	40,000	90
95		36,500	40,000	40,000	95	
100		34,600	39,300	40,000	100	
105			37,400	40,000	105	
110				38,300	110	
115				36,100	115	

40 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	80 *	30,000	30,000	30,000	30,000	80 *
	85	30,000	30,000	30,000	30,000	85
	90	28,500	30,000	30,000	30,000	90
	95	26,900	29,400	30,000	30,000	95
	100	25,500	27,800	30,000	30,000	100
	105		26,400	29,700	30,000	105
	110		25,100	28,300	30,000	110
115			27,100	29,000	115	
120				27,800	120	
125				26,700	125	

50 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	100 *	20,000	20,000	20,000	20,000	100 *
	105	20,000	20,000	20,000	20,000	105
	110	19,800	20,000	20,000	20,000	110
	115		20,000	20,000	20,000	115
	120		19,500	20,000	20,000	120
	125			20,000	20,000	125
	130				20,000	130
135				20,000	135	

60 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	120 *	10,000	10,000	10,000	10,000	120 *
	125		10,000	10,000	10,000	125
	130			10,000	10,000	130
	135			10,000	10,000	135
	140				10,000	140
	145				10,000	145

* These capacities apply for ALL lesser radii obtainable.

JIB LIFTING CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS**4100W**
SERIES-2**JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
26'6" CRAWLERS — EXTENDED****10 DEGREE JIB OFFSET ANGLE**

Chart supplements boom capacity chart No. 6934-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, travel, as well as adverse operating conditions and physical machine depreciation.

Capacities do not exceed **75%** of a static tipping load with machine on 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 beneath boom and jib point sheaves, etc., including those on the main boom 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. Maximum capacity on 1-1/8" — 6x31 IPS, IWRC is 28,300 lbs./line. Refer to jib assembly No. 43730.

30 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	50 *	40,000	40,000	40,000	40,000	50 *
	55	40,000	40,000	40,000	40,000	55
	60	40,000	40,000	40,000	40,000	60
	65	40,000	40,000	40,000	40,000	65
	70	39,300	40,000	40,000	40,000	70
	75	37,100	40,000	40,000	40,000	75
	80	35,200	37,900	40,000	40,000	80
85	33,500	36,100	39,800	40,000	85	
90		34,500	38,000	40,000	90	
95			36,500	38,500	95	
100			35,100	37,000	100	
105				35,700	105	

40 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	70 *	30,000	30,000	30,000	30,000	70 *
	75	29,900	30,000	30,000	30,000	75
	80	28,300	30,000	30,000	30,000	80
	85	26,800	28,800	30,000	30,000	85
	90	25,600	27,400	30,000	30,000	90
	95		26,200	28,800	30,000	95
	100		25,100	27,600	29,100	100
105			26,500	28,000	105	
110				27,000	110	
115				26,000	115	

50 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	90 *	20,000	20,000	20,000	20,000	90 *
95	20,000	20,000	20,000	20,000	95	
100	19,800	20,000	20,000	20,000	100	
105		20,000	20,000	20,000	105	
110			19,500	20,000	20,000	110
115				20,000	20,000	115
120					20,000	120
125					20,000	125

60 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	110 *	10,000	10,000	10,000	10,000	110 *
	115		10,000	10,000	10,000	115
	120		10,000	10,000	10,000	120
	125			10,000	10,000	125
	130				10,000	130
	135				10,000	135

* These capacities apply for ALL lesser radii obtainable.

JIB LIFTING CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS**4100W**
SERIES-2**JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
26'6" CRAWLERS — EXTENDED****20 DEGREE JIB OFFSET ANGLE**

Chart supplements boom capacity chart No. 6934-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, travel, as well as adverse operating conditions and physical machine depreciation.

Capacities do not exceed **75%** of a static tipping load with machine on 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 beneath boom and jib point sheaves, etc., including those on the main boom 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. Maximum capacity on 1-1/8" — 6x31 IPS, IWRC is 28,300 lbs./line. Refer to jib assembly No. 43730.

30 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	35	40,000	40,000	40,000		35
	40	40,000	40,000	40,000	40,000	40
	45	40,000	40,000	40,000	40,000	45
	50	40,000	40,000	40,000	40,000	50
	55	39,400	40,000	40,000	40,000	55
	60	37,200	39,400	40,000	40,000	60
	65	35,300	37,500	40,000	40,000	65
70	33,600	35,700	38,300	39,800	70	
75	32,200	34,200	36,800	38,200	75	
80		32,800	35,400	36,800	80	
85			34,100	35,500	85	
90				34,300	90	

40 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	55 *	30,000	30,000	30,000	30,000	55 *
	60	29,800	30,000	30,000	30,000	60
	65	28,200	29,800	30,000	30,000	65
	70	26,800	28,400	30,000	30,000	70
	75	25,800	27,100	28,800	29,800	75
	80	24,500	25,900	27,600	28,600	80
	85	23,500	24,900	26,600	27,600	85
90		24,000	25,700	26,600	90	
95			24,800	25,800	95	
100				25,000	100	

50 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	75 *	20,000	20,000	20,000	20,000	75 *
	80	20,000	20,000	20,000	20,000	80
	85	19,700	20,000	20,000	20,000	85
	90	18,900	20,000	20,000	20,000	90
	95	18,200	19,300	20,000	20,000	95
	100		18,600	20,000	20,000	100
	105			19,500	20,000	105
110				19,600	110	

60 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	95 *	10,000	10,000	10,000	10,000	95 *
	100	10,000	10,000	10,000	10,000	100
105		10,000	10,000	10,000	105	
110		10,000	10,000	10,000	110	
115				10,000	115	
120				10,000	120	

* These capacities apply for ALL lesser radii obtainable.

View thousands of Crane Specifications on FreeCraneSpecs.com

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES - 146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26'6" CRAWLERS EXTENDED

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 6934-B. CAPACITIES FOR VARIOUS BOOM LENGTHS, JIB LENGTHS AND JIB OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 75% OF A STATIC TIPPING LOAD. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (*).

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.

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM SURFACE WITH CRAWLERS FULLY EXTENDED AND GANTRY UP. REFER TO BOOM RIGGING NO. 190693, JIB ASSEMBLY NO. 43730 AND WIRE ROPE SPECIFICATION CHART NO. 6592-A. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, TRAVEL, WIND CONDITIONS, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION.

OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION TO THE CENTER OF VERTICAL HOIST LINE OR LOAD BLOCK. BOOM ANGLE IS THE ANGLE BETWEEN HORIZONTAL AND CENTERLINE OF BOOM BUTT AND INSERTS AND IS AN INDICATION OF OPERATING RADIUS. IN ALL CASES, OPERATING RADIUS SHALL GOVERN CAPACITY. JIB POINT ELEVATION IS VERTICAL DISTANCE FROM GROUND LEVEL TO CENTERLINE OF JIB POINT SHAFT.

MACHINE EQUIPPED WITH 26'6" EXTENDIBLE CRAWLERS, 48" TREADS, 17' RETRACTABLE GANTRY, 12 PART BOOM HOIST REEVING, FOUR 1-3/8" BOOM PENDANTS, 1ST CWT. = 41,900 LBS., 2ND CWT. = 41,500 LBS., 3RD CWT. = 39,000 LBS., TWO 12,000 LB. SIDE CWTs. AND TWO 30,000 LB. CARBODY CWTs.

MAXIMUM CAPACITY ON 1-1/8" - 6 X 31 IPS, IWRC IS 28,300 LBS. PER LINE.

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED			
OVER END OF CRAWLERS		OVER SIDE OF EXTENDED CRAWLERS	
BM. LGTH.	JIB NO. 123	BM. LGTH.	JIB NO. 123
260'	---	260'	---
250'	---	250'	---
240'	40'	240'	40'
230'	60'	230'	60'
LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START.			

30 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
110	35	80.2	147.3	40,000*							35
	40	78.2	146.1	40,000*	80.2	145.4	40,000*				40
	45	76.1	144.7	40,000*	78.1	144.0	40,000*	80.0	142.5	40,000*	45
	50	74.0	143.1	40,000*	76.0	142.4	40,000*	77.9	140.9	40,000*	50
	55	71.9	141.3	40,000*	73.8	140.6	40,000*	75.7	139.1	40,000*	55
	60	69.7	139.3	40,000*	71.7	138.6	40,000*	73.5	137.0	40,000*	60
	65	67.6	137.0	40,000*	69.5	136.3	40,000*	71.3	134.8	40,000*	65
	70	65.3	134.6	40,000*	67.3	133.8	40,000*	69.0	132.2	38,800*	70
	75	63.1	131.9	40,000*	65.0	131.1	40,000*	66.7	129.5	37,500*	75
	80	60.7	128.9	40,000*	62.6	128.1	40,000*	64.3	126.4	36,200*	80
	90	55.9	122.0	40,000*	57.8	121.2	40,000*	59.4	119.5	34,100*	90
	100	50.7	113.8	40,000*	52.6	113.0	37,500*				100
	110	45.1	103.9	36,400	46.9	103.0	35,100*				110
	120	38.8	91.7	32,100							120
120	40	79.0	156.4	40,000*							40
	45	77.0	155.1	40,000*	78.9	154.4	40,000*				45
	50	75.1	153.6	40,000*	76.9	152.9	40,000*	78.7	151.4	40,000*	50
	55	73.1	151.9	40,000*	75.0	151.2	40,000*	76.7	149.7	40,000*	55
	60	71.1	150.1	40,000*	73.0	149.3	40,000*	74.7	147.8	40,000*	60
	65	69.1	148.0	40,000*	70.9	147.3	40,000*	72.6	145.7	40,000*	65
	70	67.1	145.7	40,000*	68.9	145.0	40,000*	70.5	143.4	39,800*	70
	75	65.0	143.2	40,000*	66.8	142.5	40,000*	68.4	140.8	38,400*	75
	80	62.9	140.5	40,000*	64.6	139.7	40,000*	66.3	138.1	37,200*	80
	90	58.5	134.3	40,000*	60.2	133.5	40,000*	61.8	131.7	35,000*	90
	100	53.8	126.9	40,000*	55.6	126.1	39,000*	57.0	124.2	33,200*	100
	110	48.9	118.2	35,800	50.6	117.3	36,100				110
	120	43.5	107.7	31,500							120
	130	37.4	94.9	27,900							130

View thousands of Crane Specifications on FreeCraneSpecs.com

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES - 146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

30 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
130	40	79.6	166.6	40,000*							40
	45	77.8	165.4	40,000*	79.6	164.7	40,000*				45
	50	76.0	164.0	40,000*	77.8	163.3	40,000*	79.4	161.8	40,000*	50
	55	74.2	162.5	40,000*	75.9	161.7	40,000*	77.6	160.2	40,000*	55
	60	72.3	160.7	40,000*	74.1	160.0	40,000*	75.7	158.4	40,000*	60
	65	70.5	158.8	40,000*	72.2	158.1	40,000*	73.8	156.5	40,000*	65
	70	68.6	156.7	40,000*	70.3	156.0	40,000*	71.8	154.3	40,000*	70
	75	66.6	154.4	40,000*	68.3	153.6	40,000*	69.9	152.0	39,300*	75
	80	64.7	151.9	40,000*	66.4	151.1	40,000*	67.9	149.4	38,100*	80
	90	60.6	146.2	40,000*	62.3	145.4	40,000*	63.8	143.6	35,900*	90
	100	56.4	139.5	40,000*	58.1	138.6	40,000*	59.5	136.8	34,100*	100
	110	52.0	131.6	35,400	53.6	130.7	35,800				110
	120	47.2	122.4	31,100	48.8	121.4	31,400				120
	130	42.0	111.4	27,500							130
140	40	80.3	176.8	40,000*							40
	45	78.6	175.7	40,000*	80.2	175.0	40,000*				45
	50	76.9	174.4	40,000*	78.5	173.7	40,000*	80.1	172.1	40,000*	50
	55	75.1	173.0	40,000*	76.8	172.2	40,000*	78.3	170.6	40,000*	55
	60	73.4	171.3	40,000*	75.0	170.6	40,000*	76.6	169.0	40,000*	60
	65	71.7	169.5	40,000*	73.3	168.8	40,000*	74.8	167.2	40,000*	65
	70	69.9	167.6	40,000*	71.5	166.8	40,000*	73.0	165.2	40,000*	70
	75	68.1	165.4	40,000*	69.7	164.6	40,000*	71.2	163.0	40,000*	75
	80	66.3	163.1	40,000*	67.8	162.3	40,000*	69.3	160.6	38,900*	80
	90	62.5	157.8	40,000*	64.1	157.0	40,000*	65.5	155.3	36,800*	90
	100	58.7	151.7	39,900	60.2	150.8	40,000*	61.6	149.0	34,900*	100
	110	54.6	144.5	34,700	56.1	143.6	35,200	57.4	141.7	33,300*	110
	120	50.3	136.2	30,500	51.8	135.2	30,800				120
	130	45.7	126.4	26,900	47.1	125.4	27,200				130
	140	40.7	114.9	23,900							140
150	45	79.2	186.0	40,000*							45
	50	77.6	184.7	40,000*	79.1	184.0	40,000*				50
	55	76.0	183.4	40,000*	77.5	182.6	40,000*	79.0	181.0	40,000*	55
	60	74.3	181.9	40,000*	75.9	181.1	40,000*	77.3	179.5	40,000*	60
	65	72.7	180.2	40,000*	74.2	179.4	40,000*	75.7	177.8	40,000*	65
	70	71.0	178.3	40,000*	72.5	177.5	40,000*	74.0	175.9	40,000*	70
	75	69.4	176.3	40,000*	70.9	175.5	40,000*	72.3	173.9	40,000*	75
	80	67.7	174.1	40,000*	69.1	173.3	40,000*	70.5	171.7	39,700*	80
	90	64.2	169.2	40,000*	65.7	168.4	40,000*	67.0	166.7	37,600*	90
	100	60.6	163.5	39,400	62.0	162.6	40,000*	63.4	160.9	35,700*	100
	110	56.8	156.9	34,200	58.3	156.0	34,700	59.5	154.1	34,100*	110
	120	52.9	149.3	29,900	54.3	148.4	30,300				120
	130	48.8	140.5	26,400	50.2	139.5	26,700				130
	140	44.3	130.3	23,300							140
	150	39.4	118.3	20,700							150
160	45	79.8	196.2	40,000*							45
	50	78.2	195.1	40,000*	79.7	194.3	40,000*				50
	55	76.7	193.8	40,000*	78.2	193.0	40,000*	79.6	191.4	40,000*	55
	60	75.2	192.3	40,000*	76.6	191.5	40,000*	78.0	189.9	40,000*	60
	65	73.6	190.7	40,000*	75.1	190.0	40,000*	76.4	188.3	40,000*	65
	70	72.1	189.0	40,000*	73.5	188.2	40,000*	74.9	186.6	40,000*	70
	75	70.5	187.1	40,000*	71.9	186.3	40,000*	73.3	184.7	40,000*	75
	80	68.9	185.1	40,000*	70.3	184.2	40,000*	71.6	182.6	40,000*	80
	90	65.6	180.4	40,000*	67.0	179.6	40,000*	68.3	177.9	38,300*	90
	100	62.3	175.1	38,800	63.7	174.3	39,400	64.9	172.5	36,400*	100
	110	58.8	169.0	33,600	60.2	168.1	34,100	61.4	166.3	34,600	110
	120	55.2	162.0	29,300	56.5	161.1	29,800	57.7	159.1	30,200	120
	130	51.4	154.0	25,700	52.7	153.0	26,100				130
	140	47.4	144.8	22,700	48.7	143.7	23,000				140
	150	43.0	134.1	20,100							150
	160	38.3	121.6	17,800							160

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES - 146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

30 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
170	45	80.3	206.4	40,000*							45
	50	78.8	205.3	40,000*	80.2	204.6	40,000*				50
	55	77.4	204.1	40,000*	78.8	203.3	40,000*	80.1	201.7	40,000*	55
	60	75.9	202.7	40,000*	77.3	202.0	40,000*	78.6	200.3	40,000*	60
	65	74.5	201.2	40,000*	75.8	200.4	40,000*	77.1	198.8	40,000*	65
	70	73.0	199.6	40,000*	74.4	198.8	40,000*	75.6	197.1	40,000*	70
	75	71.5	197.8	40,000*	72.9	197.0	40,000*	74.1	195.3	40,000*	75
	80	70.0	195.9	40,000*	71.3	195.1	40,000*	72.6	193.4	40,000*	80
	90	66.9	191.5	40,000*	68.3	190.7	40,000*	69.5	189.0	39,000*	90
	100	63.8	186.5	38,500	65.1	185.7	39,100	66.3	183.9	37,100*	100
	110	60.5	180.8	33,200	61.8	179.9	33,800	63.0	178.1	34,300	110
	120	57.2	174.3	29,000	58.5	173.4	29,400	59.6	171.5	29,900	120
	130	53.7	166.9	25,400	54.9	166.0	25,800				130
	140	50.0	158.5	22,400	51.2	157.5	22,700				140
	150	46.1	148.9	19,700	47.3	147.8	20,000				150
	160	41.9	137.8	17,500							160
	170	37.3	124.9	15,500							170
180	50	79.4	215.6	40,000*							50
	55	78.0	214.4	40,000*	79.3	213.6	40,000*	80.6	212.0	40,000*	55
	60	76.6	213.1	40,000*	77.9	212.3	40,000*	79.2	210.7	40,000*	60
	65	75.2	211.7	40,000*	76.5	210.9	40,000*	77.8	209.2	40,000*	65
	70	73.8	210.1	40,000*	75.1	209.3	40,000*	76.4	207.7	40,000*	70
	75	72.4	208.4	40,000*	73.7	207.6	40,000*	74.9	206.0	40,000*	75
	80	71.0	206.6	40,000*	72.3	205.8	40,000*	73.5	204.1	40,000*	80
	90	68.1	202.5	40,000*	69.3	201.7	40,000*	70.5	199.9	39,700*	90
	100	65.1	197.8	37,900	66.4	196.9	38,600	67.5	195.2	37,800*	100
	110	62.1	192.4	32,700	63.3	191.5	33,200	64.4	189.7	33,800	110
	120	58.9	186.3	28,400	60.2	185.4	28,900	61.3	183.5	29,300	120
	130	55.7	179.5	24,800	56.9	178.5	25,200	57.9	176.6	25,600	130
	140	52.3	171.7	21,800	53.5	170.7	22,100				140
	150	48.7	162.9	19,100	49.9	161.8	19,500				150
	160	44.9	152.9	16,900							160
	170	40.8	141.4	14,900							170
190	50	79.9	225.8	40,000*							50
	55	78.5	224.7	40,000*	79.8	223.9	40,000*				55
	60	77.2	223.5	40,000*	78.5	222.7	40,000*	79.7	221.0	40,000*	60
	65	75.9	222.1	40,000*	77.2	221.3	40,000*	78.3	219.6	40,000*	65
	70	74.6	220.6	40,000*	75.8	219.8	40,000*	77.0	218.1	40,000*	70
	75	73.2	219.0	40,000*	74.5	218.2	40,000*	75.6	216.5	40,000*	75
	80	71.9	217.3	40,000*	73.1	216.4	40,000*	74.3	214.7	40,000*	80
	90	69.1	213.4	40,000*	70.3	212.5	40,000*	71.5	210.8	40,000*	90
	100	66.3	208.9	37,400	67.5	208.1	38,100	68.6	206.3	38,500*	100
	110	63.4	203.9	32,100	64.6	203.0	32,700	65.7	201.2	33,300	110
	120	60.5	198.1	27,800	61.7	197.2	28,400	62.7	195.4	28,900	120
	130	57.4	191.7	24,300	58.6	190.8	24,700	59.6	188.8	25,200	130
	140	54.3	184.5	21,200	55.4	183.5	21,600				140
	150	51.0	176.3	18,600	52.1	175.3	19,000				150
	160	47.5	167.2	16,300	48.6	166.1	16,700				160
	170	43.8	156.8	14,400							170
	180	39.8	144.9	12,600							180

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES - 146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

30 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
200	50	80.3	236.0	40,000*							50
	55	79.0	234.9	40,000*	80.3	234.1	40,000*				55
	60	77.8	233.8	40,000*	79.0	233.0	40,000*	80.1	231.3	40,000*	60
	65	76.5	232.5	40,000*	77.7	231.7	40,000*	78.9	230.0	40,000*	65
	70	75.2	231.1	40,000*	76.4	230.2	40,000*	77.6	228.6	40,000*	70
	75	74.0	229.5	40,000*	75.2	228.7	40,000*	76.3	227.0	40,000*	75
	80	72.7	227.9	40,000*	73.9	227.0	40,000*	75.0	225.3	40,000*	80
	90	70.0	224.2	40,000*	71.2	223.3	40,000*	72.3	221.6	40,000*	90
	100	67.4	219.9	36,800	68.6	219.1	37,500	69.6	217.3	38,200	100
	110	64.7	215.1	31,500	65.8	214.3	32,200	66.9	212.5	32,800	110
	120	61.9	209.7	27,200	63.0	208.8	27,800	64.0	207.0	28,400	120
	130	59.0	203.7	23,700	60.1	202.7	24,200	61.1	200.8	24,600	130
	140	56.0	196.9	20,600	57.2	195.9	21,100	58.1	194.0	21,500	140
	150	53.0	189.3	18,000	54.1	188.3	18,400				150
	160	49.7	180.8	15,700	50.8	179.8	16,100				160
	170	46.4	171.3	13,800	47.4	170.2	14,100				170
	180	42.8	160.6	12,000							180
	190	38.9	148.3	10,400							190
210	55	79.5	245.2	40,000*	80.7	244.4	40,000*				55
	60	78.3	244.1	40,000*	79.5	243.2	40,000*	80.6	241.6	40,000*	60
	65	77.1	242.8	40,000*	78.2	242.0	40,000*	79.3	240.3	40,000*	65
	70	75.9	241.5	40,000*	77.0	240.6	40,000*	78.1	239.0	40,000*	70
	75	74.6	240.0	40,000*	75.8	239.2	40,000*	76.9	237.5	40,000*	75
	80	73.4	238.4	40,000*	74.5	237.6	40,000*	75.6	235.9	40,000*	80
	90	70.9	234.9	40,000*	72.0	234.0	40,000*	73.1	232.3	40,000*	90
	100	68.4	230.9	36,400	69.5	230.0	37,200	70.5	228.2	37,900	100
	110	65.8	226.3	31,200	66.9	225.4	31,800	67.9	223.6	32,500	110
	120	63.1	221.2	26,900	64.2	220.3	27,500	65.2	218.4	28,000	120
	130	60.4	215.5	23,300	61.5	214.5	23,800	62.5	212.6	24,300	130
	140	57.6	209.1	20,200	58.7	208.1	20,700	59.7	206.2	21,100	140
	150	54.8	202.0	17,600	55.8	201.0	18,000				150
	160	51.8	194.1	15,400	52.8	193.0	15,700				160
	170	48.6	185.2	13,400	49.7	184.2	13,700				170
	180	45.3	175.4	11,600							180
	190	41.8	164.3	10,000							190
	200	38.0	151.6	8,600							200
220	55	79.9	255.4	40,000*							55
	60	78.8	254.3	40,000*	79.9	253.5	40,000*				60
	65	77.6	253.1	40,000*	78.7	252.3	40,000*	79.8	250.6	40,000*	65
	70	76.4	251.8	40,000*	77.5	251.0	40,000*	78.6	249.3	40,000*	70
	75	75.3	250.4	40,000*	76.4	249.6	40,000*	77.4	247.9	40,000*	75
	80	74.1	248.9	40,000*	75.2	248.1	40,000*	76.2	246.4	40,000*	80
	90	71.7	245.5	40,000*	72.8	244.7	40,000*	73.8	243.0	40,000*	90
	100	69.3	241.7	35,800	70.4	240.8	36,700	71.4	239.1	37,400	100
	110	66.8	237.4	30,600	67.9	236.5	31,300	68.9	234.7	32,000	110
	120	64.3	232.5	26,300	65.4	231.6	26,900	66.3	229.7	27,500	120
	130	61.7	227.1	22,700	62.8	226.1	23,300	63.7	224.2	23,800	130
	140	59.1	221.0	19,700	60.1	220.1	20,200	61.0	218.1	20,600	140
	150	56.4	214.3	17,000	57.4	213.3	17,500	58.3	211.3	17,900	150
	160	53.6	206.9	14,800	54.6	205.9	15,200				160
	170	50.6	198.7	12,800	51.6	197.6	13,100				170
	180	47.6	189.5	11,000	48.5	188.4	11,300				180
	190	44.3	179.3	9,500							190
	200	40.9	167.9	8,000*							200
	210	37.2	154.9	6,500*							210

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES - 146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

30 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
230	55	80.3	265.6	40,000*							55
	60	79.2	264.5	40,000*	80.3	263.7	40,000*				60
	65	78.1	263.4	40,000*	79.2	262.6	40,000*	80.2	260.9	40,000*	65
	70	77.0	262.2	40,000*	78.0	261.3	40,000*	79.0	259.6	40,000*	70
	75	75.8	260.8	40,000*	76.9	260.0	40,000*	77.9	258.3	40,000*	75
	80	74.7	259.4	40,000*	75.8	258.5	40,000*	76.8	256.8	40,000*	80
	90	72.4	256.1	40,000*	73.5	255.3	40,000*	74.5	253.5	40,000*	90
	100	70.1	252.5	35,300	71.1	251.6	36,200	72.1	249.8	37,000	100
	110	67.8	248.3	30,100	68.8	247.4	30,800	69.7	245.6	31,500	110
	120	65.4	243.7	25,800	66.4	242.8	26,400	67.3	240.9	27,000	120
	130	62.9	238.5	22,200	63.9	237.6	22,800	64.8	235.7	23,300	130
	140	60.4	232.8	19,100	61.4	231.8	19,700	62.3	229.9	20,100	140
	150	57.8	226.4	16,500	58.8	225.5	17,000	59.7	223.5	17,400	150
	160	55.2	219.4	14,200	56.2	218.4	14,700	57.0	216.4	15,000	160
	170	52.4	211.7	12,200	53.4	210.7	12,600				170
	180	49.6	203.2	10,500	50.5	202.1	10,800				180
	190	46.6	193.7	8,900	47.5	192.6	9,200				190
	200	43.4	183.2	7,300*							200
	210	40.1	171.4	5,800*							210
240	55	80.7	275.8	40,000*							55
	60	79.6	274.8	40,000*	80.6	273.9	40,000*				60
	65	78.5	273.7	40,000*	79.6	272.8	40,000*	80.5	271.1	40,000*	65
	70	77.5	272.5	40,000*	78.5	271.6	40,000*	79.5	269.9	40,000*	70
	75	76.4	271.2	40,000*	77.4	270.3	40,000*	78.4	268.6	40,000*	75
	80	75.3	269.8	40,000*	76.3	268.9	40,000*	77.3	267.2	40,000*	80
	90	73.1	266.7	40,000*	74.1	265.8	40,000*	75.1	264.1	40,000*	90
	100	70.9	263.2	34,800	71.9	262.3	35,700	72.8	260.5	36,500	100
	110	68.6	259.2	29,600	69.6	258.3	30,300	70.5	256.5	31,100	110
	120	66.3	254.8	25,300	67.3	253.9	25,900	68.2	252.0	26,600	120
	130	64.0	249.8	21,600	65.0	248.9	22,300	65.9	247.0	22,800	130
	140	61.6	244.4	18,600	62.6	243.4	19,200	63.4	241.5	19,600	140
	150	59.2	238.3	16,000	60.1	237.4	16,500	61.0	235.4	16,900	150
	160	56.6	231.7	13,700	57.6	230.7	14,100	58.4	228.7	14,500	160
	170	54.1	224.4	11,700	55.0	223.4	12,100				170
	180	51.4	216.4	9,900	52.3	215.4	10,300				180
	190	48.6	207.6	8,300*	49.5	206.5	8,700*				190
	200	45.6	197.8	6,600*	46.5	196.7	7,000*				200
	210	42.6	187.0	5,000*							210

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
110	40	79.5	156.3	30,000*							40
	45	77.5	155.0	30,000*	80.0	154.1	30,000*				45
	50	75.6	153.6	30,000*	78.0	152.7	30,000*	80.5	150.8	30,000*	50
	55	73.6	151.9	30,000*	76.1	151.0	30,000*	78.4	149.1	30,000*	55
	60	71.6	150.0	30,000*	74.1	149.1	30,000*	76.4	147.2	30,000*	60
	65	69.6	148.0	30,000*	72.0	147.0	30,000*	74.4	145.1	30,000*	65
	70	67.6	145.7	30,000*	70.0	144.8	30,000*	72.3	142.7	30,000*	70
	75	65.5	143.2	30,000*	67.9	142.2	30,000*	70.1	140.2	29,100*	75
	80	63.4	140.5	30,000*	65.7	139.5	30,000*	68.0	137.4	28,100*	80
	90	59.0	134.3	30,000*	61.3	133.2	30,000*	63.5	131.0	26,300*	90
	100	54.3	126.9	30,000*	56.6	125.8	29,200*	58.7	123.5	24,800*	100
	110	49.4	118.2	30,000*	51.6	117.0	27,200*				110
	120	44.0	107.7	28,800*							120
	130	37.9	94.9	26,700*							130
120	40	80.1	166.6	30,000*							40
	45	78.3	165.4	30,000*							45
	50	76.5	164.0	30,000*	78.8	163.1	30,000*				50
	55	74.7	162.4	30,000*	77.0	161.5	30,000*	79.2	159.5	30,000*	55
	60	72.8	160.7	30,000*	75.1	159.8	30,000*	77.3	157.8	30,000*	60
	65	70.9	158.8	30,000*	73.2	157.8	30,000*	75.4	155.8	30,000*	65
	70	69.0	156.7	30,000*	71.3	155.7	30,000*	73.5	153.7	30,000*	70
	75	67.1	154.4	30,000*	69.4	153.4	30,000*	71.5	151.3	29,800*	75
	80	65.1	151.9	30,000*	67.4	150.9	30,000*	69.5	148.8	28,800*	80
	90	61.1	146.2	30,000*	63.3	145.1	30,000*	65.4	142.9	27,000*	90
	100	56.9	139.5	30,000*	59.1	138.4	30,000*	61.0	136.0	25,500*	100
	110	52.4	131.6	30,000*	54.6	130.4	28,300*				110
	120	47.7	122.4	30,000*	49.8	121.1	26,600*				120
	130	42.5	111.3	28,200*							130
	140	36.6	97.9	25,300							140
130	45	79.0	175.7	30,000*							45
	50	77.3	174.4	30,000*	79.5	173.4	30,000*				50
	55	75.6	172.9	30,000*	77.8	172.0	30,000*	79.9	170.0	30,000*	55
	60	73.8	171.3	30,000*	76.0	170.3	30,000*	78.1	168.3	30,000*	60
	65	72.1	169.5	30,000*	74.2	168.5	30,000*	76.3	166.5	30,000*	65
	70	70.3	167.5	30,000*	72.5	166.6	30,000*	74.5	164.5	30,000*	70
	75	68.5	165.4	30,000*	70.6	164.4	30,000*	72.7	162.3	30,000*	75
	80	66.7	163.1	30,000*	68.8	162.0	30,000*	70.8	159.9	29,400*	80
	90	63.0	157.8	30,000*	65.1	156.7	30,000*	67.0	154.5	27,600*	90
	100	59.1	151.6	30,000*	61.2	150.5	30,000*	63.0	148.2	26,100*	100
	110	55.0	144.5	30,000*	57.1	143.3	29,300*	58.9	140.9	24,800*	110
	120	50.7	136.1	30,000*	52.7	134.9	27,600*				120
	130	46.1	126.4	27,900	48.1	125.1	26,100*				130
	140	41.1	114.9	24,900							140
140	45	79.6	185.9	30,000*							45
	50	78.0	184.7	30,000*	80.1	183.7	30,000*				50
	55	76.4	183.3	30,000*	78.4	182.4	30,000*	80.4	180.3	30,000*	55
	60	74.8	181.8	30,000*	76.8	180.8	30,000*	78.8	178.8	30,000*	60
	65	73.1	180.1	30,000*	75.1	179.1	30,000*	77.1	177.1	30,000*	65
	70	71.4	178.3	30,000*	73.5	177.3	30,000*	75.4	175.2	30,000*	70
	75	69.8	176.3	30,000*	71.8	175.3	30,000*	73.7	173.1	30,000*	75
	80	68.1	174.1	30,000*	70.1	173.1	30,000*	72.0	170.9	30,000*	80
	90	64.6	169.2	30,000*	66.6	168.1	30,000*	68.4	165.9	28,200*	90
	100	61.0	163.5	30,000*	62.9	162.4	30,000*	64.7	160.1	26,700*	100
	110	57.2	156.9	30,000*	59.2	155.7	30,000*	60.9	153.3	25,400*	110
	120	53.3	149.3	30,000*	55.2	148.1	28,600*	56.9	145.5	24,300*	120
	130	49.2	140.5	27,300	51.0	139.2	27,000*				130
	140	44.7	130.3	24,300	46.5	128.9	24,600				140
	150	39.8	118.3	21,600							150

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES - 146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
150	45	80.2	196.2	30,000*							45
	50	78.6	195.0	30,000*	80.6	194.0	30,000*				50
	55	77.1	193.7	30,000*	79.1	192.7	30,000*				55
	60	75.6	192.3	30,000*	77.5	191.3	30,000*	79.4	189.2	30,000*	60
	65	74.0	190.7	30,000*	76.0	189.7	30,000*	77.8	187.6	30,000*	65
	70	72.5	189.0	30,000*	74.4	187.9	30,000*	76.2	185.8	30,000*	70
	75	70.9	187.1	30,000*	72.8	186.0	30,000*	74.6	183.9	30,000*	75
	80	69.3	185.0	30,000*	71.2	184.0	30,000*	73.0	181.8	30,000*	80
	90	66.0	180.4	30,000*	67.9	179.3	30,000*	69.7	177.1	28,800*	90
	100	62.7	175.1	30,000*	64.5	174.0	30,000*	66.2	171.7	27,300*	100
	110	59.2	169.0	30,000*	61.0	167.8	30,000*	62.7	165.4	26,000*	110
	120	55.6	162.0	30,000*	57.4	160.7	29,500*	59.0	158.3	24,900*	120
	130	51.8	153.9	26,700	53.6	152.7	27,200				130
	140	47.8	144.7	23,700	49.5	143.4	24,100				140
	150	43.4	134.1	21,100							150
	160	38.7	121.6	18,800							160
160	50	79.2	205.3	30,000*							50
	55	77.8	204.1	30,000*	79.6	203.0	30,000*				55
	60	76.3	202.7	30,000*	78.2	201.7	30,000*	79.9	199.6	30,000*	60
	65	74.8	201.2	30,000*	76.7	200.2	30,000*	78.5	198.0	30,000*	65
	70	73.4	199.6	30,000*	75.2	198.5	30,000*	76.9	196.4	30,000*	70
	75	71.9	197.8	30,000*	73.7	196.7	30,000*	75.4	194.6	30,000*	75
	80	70.3	195.8	30,000*	72.2	194.8	30,000*	73.9	192.6	30,000*	80
	90	67.3	191.5	30,000*	69.1	190.4	30,000*	70.8	188.2	29,300*	90
	100	64.1	186.5	30,000*	65.9	185.4	30,000*	67.6	183.1	27,800*	100
	110	60.9	180.8	30,000*	62.6	179.6	30,000*	64.3	177.2	26,500*	110
	120	57.5	174.3	29,700	59.3	173.1	30,000*	60.8	170.6	25,400*	120
	130	54.0	166.9	26,100	55.7	165.6	26,700	57.2	163.0	24,400*	130
	140	50.3	158.5	23,100	52.0	157.1	23,500				140
	150	46.4	148.8	20,500	48.1	147.4	20,900				150
	160	42.2	137.8	18,200							160
	170	37.6	124.8	16,200							170
170	50	79.7	215.5	30,000*							50
	55	78.3	214.4	30,000*	80.1	213.3	30,000*				55
	60	77.0	213.1	30,000*	78.7	212.0	30,000*	80.4	209.9	30,000*	60
	65	75.6	211.6	30,000*	77.3	210.6	30,000*	79.0	208.5	30,000*	65
	70	74.2	210.1	30,000*	75.9	209.0	30,000*	77.6	206.9	30,000*	70
	75	72.7	208.4	30,000*	74.5	207.3	30,000*	76.2	205.2	30,000*	75
	80	71.3	206.6	30,000*	73.1	205.5	30,000*	74.7	203.3	30,000*	80
	90	68.4	202.5	30,000*	70.1	201.4	30,000*	71.8	199.1	29,800*	90
	100	65.5	197.8	30,000*	67.2	196.6	30,000*	68.7	194.3	28,400*	100
	110	62.4	192.4	30,000*	64.1	191.2	30,000*	65.6	188.9	27,100*	110
	120	59.3	186.3	29,400	60.9	185.1	30,000*	62.4	182.6	25,900*	120
	130	56.0	179.4	25,800	57.6	178.2	26,300	59.1	175.6	24,900*	130
	140	52.6	171.6	22,700	54.2	170.3	23,200				140
	150	49.0	162.8	20,100	50.6	161.5	20,500				150
	160	45.2	152.8	17,800	46.8	151.4	18,200				160
	170	41.1	141.3	15,900							170
	180	36.7	127.9	14,100							180

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES - 146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
180	50	80.2	225.8	30,000*							50
	55	78.9	224.6	30,000*	80.6	223.6	30,000*				55
	60	77.6	223.4	30,000*	79.2	222.4	30,000*				60
	65	76.2	222.1	30,000*	77.9	221.0	30,000*	79.5	218.8	30,000*	65
	70	74.9	220.6	30,000*	76.6	219.5	30,000*	78.2	217.3	30,000*	70
	75	73.6	219.0	30,000*	75.2	217.9	30,000*	76.8	215.7	30,000*	75
	80	72.2	217.2	30,000*	73.9	216.1	30,000*	75.4	213.9	30,000*	80
	90	69.4	213.3	30,000*	71.1	212.2	30,000*	72.6	210.0	30,000*	90
	100	66.6	208.9	30,000*	68.3	207.8	30,000*	69.8	205.4	28,800*	100
	110	63.8	203.8	30,000*	65.4	202.7	30,000*	66.9	200.3	27,500*	110
	120	60.8	198.1	28,800	62.4	196.9	29,500	63.9	194.5	26,400*	120
	130	57.8	191.6	25,200	59.3	190.4	25,800	60.7	187.9	25,400*	130
	140	54.6	184.4	22,100	56.1	183.1	22,700	57.5	180.5	23,100	140
	150	51.3	176.3	19,500	52.8	174.9	20,000				150
	160	47.8	167.1	17,200	49.3	165.7	17,600				160
	170	44.1	156.7	15,300							170
	180	40.1	144.8	13,500							180
190	50	80.6	236.0	30,000*							50
	55	79.4	234.9	30,000*							55
	60	78.1	233.7	30,000*	79.7	232.7	30,000*				60
	65	76.8	232.4	30,000*	78.4	231.4	30,000*	80.0	229.2	30,000*	65
	70	75.6	231.0	30,000*	77.2	229.9	30,000*	78.7	227.7	30,000*	70
	75	74.3	229.5	30,000*	75.9	228.4	30,000*	77.4	226.2	30,000*	75
	80	73.0	227.8	30,000*	74.6	226.7	30,000*	76.1	224.5	30,000*	80
	90	70.4	224.1	30,000*	72.0	223.0	30,000*	73.4	220.7	30,000*	90
	100	67.7	219.9	30,000*	69.3	218.8	30,000*	70.7	216.4	29,300*	100
	110	65.0	215.1	30,000*	66.5	213.9	30,000*	68.0	211.6	28,000*	110
	120	62.2	209.7	28,200	63.7	208.5	29,000	65.1	206.1	26,800*	120
	130	59.3	203.6	24,600	60.8	202.4	25,300	62.2	199.9	25,800*	130
	140	56.4	196.8	21,600	57.9	195.6	22,200	59.2	193.0	22,700	140
	150	53.3	189.3	19,000	54.8	187.9	19,500				150
	160	50.1	180.8	16,700	51.5	179.4	17,100				160
	170	46.7	171.3	14,700	48.1	169.8	15,100				170
	180	43.1	160.5	13,000							180
	190	39.2	148.2	11,400							190
200	55	79.8	245.1	30,000*							55
	60	78.6	244.0	30,000*	80.2	242.9	30,000*				60
	65	77.4	242.8	30,000*	78.9	241.7	30,000*	80.4	239.5	30,000*	65
	70	76.2	241.4	30,000*	77.7	240.3	30,000*	79.2	238.1	30,000*	70
	75	74.9	239.9	30,000*	76.5	238.9	30,000*	78.0	236.6	30,000*	75
	80	73.7	238.4	30,000*	75.2	237.3	30,000*	76.7	235.0	30,000*	80
	90	71.2	234.8	30,000*	72.7	233.7	30,000*	74.2	231.4	30,000*	90
	100	68.7	230.8	30,000*	70.2	229.7	30,000*	71.6	227.4	29,700*	100
	110	66.1	226.2	30,000*	67.6	225.1	30,000*	69.0	222.7	28,400*	110
	120	63.5	221.1	27,700	64.9	219.9	28,400	66.3	217.5	27,300*	120
	130	60.7	215.4	24,100	62.2	214.2	24,700	63.5	211.7	25,400	130
	140	57.9	209.0	21,000	59.4	207.8	21,600	60.7	205.2	22,100	140
	150	55.1	201.9	18,400	56.5	200.6	18,900	57.7	197.9	19,400	150
	160	52.1	194.0	16,100	53.5	192.6	16,600				160
	170	48.9	185.2	14,100	50.3	183.8	14,500				170
	180	45.6	175.3	12,400	47.0	173.8	12,700				180
	190	42.1	164.2	10,800							190
	200	38.3	151.5	9,400							200

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES - 146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

40 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
210	55	80.2	255.3	30,000*							55
	60	79.1	254.3	30,000*	80.6	253.2	30,000*				60
	65	77.9	253.1	30,000*	79.4	252.0	30,000*				65
	70	76.7	251.8	30,000*	78.2	250.7	30,000*	79.6	248.5	30,000*	70
	75	75.6	250.4	30,000*	77.0	249.3	30,000*	78.5	247.0	30,000*	75
	80	74.4	248.9	30,000*	75.8	247.8	30,000*	77.3	245.5	30,000*	80
	90	72.0	245.5	30,000*	73.5	244.4	30,000*	74.8	242.1	30,000*	90
	100	69.6	241.6	30,000*	71.0	240.5	30,000*	72.4	238.2	30,000*	100
	110	67.1	237.3	30,000*	68.5	236.1	30,000*	69.9	233.8	28,900*	110
	120	64.6	232.4	27,300	66.0	231.2	28,100	67.3	228.8	27,700*	120
	130	62.0	227.0	23,700	63.4	225.8	24,400	64.7	223.3	25,000	130
	140	59.4	221.0	20,600	60.8	219.7	21,200	62.0	217.2	21,800	140
	150	56.7	214.3	18,000	58.0	213.0	18,600	59.3	210.3	19,100	150
	160	53.8	206.8	15,700	55.2	205.5	16,200				160
	170	50.9	198.6	13,700	52.3	197.2	14,200				170
	180	47.9	189.5	12,000	49.2	188.0	12,300				180
	190	44.6	179.3	10,400							190
	200	41.2	167.8	9,000							200
	210	37.5	154.8	7,700*							210
220	55	80.6	265.5	30,000*							55
	60	79.5	264.5	30,000*							60
	65	78.4	263.4	30,000*	79.8	262.3	30,000*				65
	70	77.3	262.1	30,000*	78.7	261.0	30,000*	80.1	258.8	30,000*	70
	75	76.1	260.8	30,000*	77.5	259.7	30,000*	78.9	257.4	30,000*	75
	80	75.0	259.3	30,000*	76.4	258.2	30,000*	77.8	255.9	30,000*	80
	90	72.7	256.1	30,000*	74.1	255.0	30,000*	75.4	252.7	30,000*	90
	100	70.4	252.4	30,000*	71.8	251.3	30,000*	73.1	248.9	30,000*	100
	110	68.0	248.3	30,000*	69.4	247.1	30,000*	70.7	244.7	29,300*	110
	120	65.6	243.6	26,700	67.0	242.4	27,500	68.3	240.0	28,100*	120
	130	63.2	238.4	23,100	64.5	237.2	23,800	65.8	234.8	24,500	130
	140	60.7	232.7	20,000	62.0	231.5	20,700	63.2	228.9	21,300	140
	150	58.1	226.4	17,400	59.4	225.1	18,000	60.6	222.5	18,500	150
	160	55.5	219.4	15,100	56.8	218.1	15,700	57.9	215.4	16,100	160
	170	52.7	211.7	13,100	54.0	210.3	13,600				170
	180	49.9	203.1	11,400	51.1	201.7	11,800				180
	190	46.9	193.7	9,800	48.1	192.2	10,200				190
	200	43.7	183.1	8,400							200
	210	40.3	171.3	6,900*							210
	220	36.7	157.9	5,500*							220
230	60	79.9	274.7	30,000*							60
	65	78.8	273.6	30,000*	80.2	272.5	30,000*				65
	70	77.7	272.4	30,000*	79.1	271.3	30,000*	80.4	269.1	30,000*	70
	75	76.6	271.1	30,000*	78.0	270.0	30,000*	79.3	267.8	30,000*	75
	80	75.6	269.7	30,000*	76.9	268.6	30,000*	78.2	266.3	30,000*	80
	90	73.4	266.6	30,000*	74.7	265.5	30,000*	76.0	263.2	30,000*	90
	100	71.1	263.1	30,000*	72.5	262.0	30,000*	73.8	259.6	30,000*	100
	110	68.9	259.1	30,000*	70.2	258.0	30,000*	71.5	255.6	29,700*	110
	120	66.6	254.7	26,200	67.9	253.5	27,100	69.1	251.1	27,900	120
	130	64.3	249.8	22,600	65.6	248.5	23,400	66.8	246.1	24,100	130
	140	61.9	244.3	19,500	63.2	243.1	20,200	64.4	240.5	20,900	140
	150	59.4	238.3	16,900	60.7	237.0	17,500	61.9	234.4	18,100	150
	160	56.9	231.7	14,600	58.2	230.3	15,200	59.3	227.7	15,700	160
	170	54.3	224.4	12,600	55.6	223.0	13,100				170
	180	51.6	216.4	10,800	52.9	214.9	11,300				180
	190	48.8	207.5	9,300	50.1	206.1	9,700				190
	200	45.9	197.8	7,800*	47.1	196.2	8,200				200
	210	42.8	186.9	6,200*							210
	220	39.5	174.8	4,800*							220

LIFT

CRANE

JIB

CAPACITIES

MEETS

ANSI B30.5

REQUIREMENTS

4100W

SERIES

2

JIB NO. 123 WITH 12' 6" STRUT ON
 BOOM NO. 22C WITH OPEN THROAT TOP
 OFFSET 4-1/2 DEGREES - 146,400 LB. CRANE COUNTERWEIGHT
 60,000 LB. CARBODY COUNTERWEIGHT
 26' 6" CRAWLERS EXTENDED

40

FOOT

JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
240	60	80.2	284.9	30,000*							60
	65	79.2	283.9	30,000*	80.5	282.8	30,000*				65
	70	78.2	282.7	30,000*	79.5	281.6	30,000*				70
	75	77.1	281.5	30,000*	78.5	280.3	30,000*	79.7	278.1	30,000*	75
	80	76.1	280.1	30,000*	77.4	279.0	30,000*	78.7	276.7	30,000*	80
	90	74.0	277.2	30,000*	75.3	276.0	30,000*	76.5	273.7	30,000*	90
	100	71.8	273.8	30,000*	73.1	272.6	30,000*	74.4	270.3	30,000*	100
	110	69.7	269.9	30,000*	71.0	268.8	30,000*	72.2	266.4	30,000*	110
	120	67.5	265.7	25,700	68.8	264.5	26,600	70.0	262.1	27,400	120
	130	65.2	261.0	22,100	66.5	259.8	22,900	67.7	257.3	23,600	130
	140	63.0	255.8	19,000	64.2	254.5	19,700	65.4	252.0	20,400	140
	150	60.6	250.0	16,400	61.9	248.8	17,000	63.0	246.2	17,600	150
	160	58.2	243.7	14,100	59.5	242.4	14,700	60.6	239.8	15,200	160
	170	55.8	236.8	12,100	57.0	235.5	12,600	58.1	232.8	13,100	170
	180	53.3	229.3	10,300	54.5	227.9	10,800				180
	190	50.6	221.0	8,700	51.8	219.5	9,200				190
	200	47.9	211.8	7,100*	49.1	210.3	7,600*				200
	210	45.0	201.8	5,500*							210
	220	42.0	190.6	4,100*							220

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES - 146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
110	40	80.7	166.8	20,000*							40
	45	78.9	165.6	20,000*							45
	50	77.1	164.3	20,000*	80.0	163.3	20,000*				50
	55	75.2	162.8	20,000*	78.1	161.8	20,000*				55
	60	73.4	161.1	20,000*	76.3	160.1	20,000*	79.1	157.9	20,000*	60
	65	71.5	159.2	20,000*	74.4	158.2	20,000*	77.2	155.9	20,000*	65
	70	69.6	157.1	20,000*	72.5	156.1	20,000*	75.2	153.8	20,000*	70
	75	67.7	154.8	20,000*	70.5	153.8	20,000*	73.3	151.5	20,000*	75
	80	65.8	152.4	20,000*	68.6	151.3	20,000*	71.3	149.0	20,000*	80
	90	61.7	146.8	20,000*	64.5	145.7	20,000*	67.2	143.2	20,000*	90
	100	57.5	140.2	20,000*	60.3	139.0	20,000*	62.8	136.4	20,000*	100
	110	53.1	132.4	20,000*	55.8	131.2	20,000*	58.3	128.5	19,300*	110
	120	48.4	123.3	20,000*	51.0	122.0	20,000*				120
	130	43.2	112.5	20,000*							130
	140	37.4	99.3	20,000*							140
120	45	79.5	175.9	20,000*							45
	50	77.8	174.6	20,000*	80.6	173.6	20,000*				50
	55	76.1	173.2	20,000*	78.8	172.2	20,000*				55
	60	74.4	171.6	20,000*	77.1	170.6	20,000*	79.8	168.3	20,000*	60
	65	72.6	169.9	20,000*	75.3	168.8	20,000*	78.0	166.6	20,000*	65
	70	70.9	167.9	20,000*	73.6	166.9	20,000*	76.2	164.6	20,000*	70
	75	69.1	165.8	20,000*	71.8	164.8	20,000*	74.3	162.4	20,000*	75
	80	67.3	163.5	20,000*	69.9	162.4	20,000*	72.5	160.1	20,000*	80
	90	63.5	158.3	20,000*	66.2	157.2	20,000*	68.7	154.7	20,000*	90
	100	59.7	152.2	20,000*	62.3	151.1	20,000*	64.7	148.5	20,000*	100
	110	55.6	145.2	20,000*	58.2	144.0	20,000*	60.6	141.3	19,900*	110
	120	51.4	137.0	20,000*	53.9	135.7	20,000*				120
	130	46.8	127.4	20,000*	49.3	126.0	20,000*				130
	140	41.8	116.0	20,000*							140
	150	36.2	102.3	20,000*							150
130	45	80.1	186.2	20,000*							45
	50	78.5	185.0	20,000*							50
	55	76.9	183.6	20,000*	79.5	182.6	20,000*				55
	60	75.3	182.1	20,000*	77.8	181.1	20,000*	80.4	178.8	20,000*	60
	65	73.6	180.5	20,000*	76.2	179.4	20,000*	78.7	177.1	20,000*	65
	70	72.0	178.7	20,000*	74.5	177.6	20,000*	77.0	175.2	20,000*	70
	75	70.3	176.7	20,000*	72.8	175.6	20,000*	75.3	173.2	20,000*	75
	80	68.6	174.5	20,000*	71.1	173.4	20,000*	73.5	171.0	20,000*	80
	90	65.1	169.7	20,000*	67.6	168.5	20,000*	70.0	166.1	20,000*	90
	100	61.5	164.0	20,000*	64.0	162.9	20,000*	66.3	160.3	20,000*	100
	110	57.8	157.5	20,000*	60.3	156.3	20,000*	62.5	153.6	20,000*	110
	120	53.9	150.0	20,000*	56.3	148.7	20,000*	58.5	145.9	19,400*	120
	130	49.8	141.4	20,000*	52.1	140.0	20,000*				130
	140	45.4	131.3	20,000*	47.7	129.8	20,000*				140
	150	40.5	119.5	20,000*							150
140	45	80.6	196.4	20,000*							45
	50	79.1	195.3	20,000*							50
	55	77.6	194.0	20,000*	80.0	192.9	20,000*				55
	60	76.1	192.6	20,000*	78.5	191.5	20,000*	80.9	189.1	20,000*	60
	65	74.5	191.0	20,000*	76.9	189.9	20,000*	79.3	187.6	20,000*	65
	70	73.0	189.3	20,000*	75.4	188.2	20,000*	77.7	185.8	20,000*	70
	75	71.4	187.4	20,000*	73.8	186.3	20,000*	76.1	183.9	20,000*	75
	80	69.8	185.4	20,000*	72.2	184.3	20,000*	74.5	181.8	20,000*	80
	90	66.5	180.9	20,000*	68.9	179.7	20,000*	71.2	177.2	20,000*	90
	100	63.2	175.6	20,000*	65.5	174.4	20,000*	67.7	171.8	20,000*	100
	110	59.7	169.6	20,000*	62.0	168.3	20,000*	64.2	165.6	20,000*	110
	120	56.1	162.7	20,000*	58.4	161.4	20,000*	60.5	158.5	19,900*	120
	130	52.3	154.7	20,000*	54.6	153.4	20,000*	56.6	150.4	19,000*	130
	140	48.3	145.7	20,000*	50.6	144.2	20,000*				140
	150	44.1	135.2	20,000*	46.2	133.6	20,000*				150
	160	39.4	122.9	19,700							160

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES - 146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
150	50	79.7	205.5	20,000*							50
	55	78.2	204.3	20,000*	80.5	203.2	20,000*				55
	60	76.8	203.0	20,000*	79.1	201.9	20,000*				60
	65	75.3	201.5	20,000*	77.6	200.4	20,000*	79.9	198.0	20,000*	65
	70	73.8	199.9	20,000*	76.1	198.8	20,000*	78.4	196.3	20,000*	70
	75	72.3	198.1	20,000*	74.6	197.0	20,000*	76.8	194.5	20,000*	75
	80	70.8	196.2	20,000*	73.1	195.1	20,000*	75.3	192.6	20,000*	80
	90	67.8	191.9	20,000*	70.0	190.8	20,000*	72.2	188.2	20,000*	90
	100	64.6	187.0	20,000*	66.9	185.8	20,000*	69.0	183.2	20,000*	100
	110	61.4	181.4	20,000*	63.6	180.1	20,000*	65.7	177.4	20,000*	110
	120	58.0	174.9	20,000*	60.2	173.6	20,000*	62.2	170.8	20,000*	120
	130	54.6	167.6	20,000*	56.7	166.2	20,000*	58.7	163.3	19,400*	130
	140	50.9	159.3	20,000*	53.0	157.9	20,000*				140
	150	47.0	149.8	20,000*	49.1	148.3	20,000*				150
	160	42.8	138.9	19,100							160
	170	38.3	126.1	17,100							170
160	50	80.2	215.7	20,000*							50
	55	78.8	214.6	20,000*							55
	60	77.4	213.3	20,000*	79.6	212.2	20,000*				60
	65	76.0	211.9	20,000*	78.2	210.8	20,000*	80.4	208.3	20,000*	65
	70	74.6	210.4	20,000*	76.8	209.2	20,000*	78.9	206.8	20,000*	70
	75	73.2	208.7	20,000*	75.4	207.6	20,000*	77.5	205.1	20,000*	75
	80	71.8	206.9	20,000*	73.9	205.8	20,000*	76.0	203.2	20,000*	80
	90	68.9	202.9	20,000*	71.0	201.7	20,000*	73.1	199.1	20,000*	90
	100	65.9	198.2	20,000*	68.0	197.0	20,000*	70.1	194.4	20,000*	100
	110	62.9	192.9	20,000*	65.0	191.7	20,000*	67.0	189.0	20,000*	110
	120	59.7	186.9	20,000*	61.8	185.6	20,000*	63.8	182.8	20,000*	120
	130	56.5	180.1	20,000*	58.6	178.7	20,000*	60.4	175.8	19,900*	130
	140	53.1	172.4	20,000*	55.2	171.0	20,000*	57.0	167.9	19,100*	140
	150	49.6	163.7	20,000*	51.6	162.2	20,000*				150
	160	45.8	153.8	18,500	47.8	152.2	18,900				160
	170	41.7	142.5	16,500							170
	180	37.3	129.3	14,700							180
170	50	80.6	226.0	20,000*							50
	55	79.3	224.9	20,000*							55
	60	78.0	223.7	20,000*	80.1	222.5	20,000*				60
	65	76.7	222.3	20,000*	78.8	221.2	20,000*	80.8	218.7	20,000*	65
	70	75.3	220.9	20,000*	77.4	219.7	20,000*	79.5	217.2	20,000*	70
	75	74.0	219.3	20,000*	76.1	218.1	20,000*	78.1	215.6	20,000*	75
	80	72.6	217.6	20,000*	74.7	216.4	20,000*	76.7	213.8	20,000*	80
	90	69.9	213.7	20,000*	71.9	212.5	20,000*	73.9	209.9	20,000*	90
	100	67.1	209.3	20,000*	69.1	208.1	20,000*	71.1	205.4	20,000*	100
	110	64.2	204.3	20,000*	66.2	203.0	20,000*	68.1	200.3	20,000*	110
	120	61.3	198.7	20,000*	63.3	197.3	20,000*	65.1	194.6	20,000*	120
	130	58.2	192.3	20,000*	60.2	190.9	20,000*	62.0	188.0	20,000*	130
	140	55.1	185.1	20,000*	57.0	183.7	20,000*	58.8	180.7	19,500*	140
	150	51.8	177.1	20,000*	53.7	175.6	20,000*				150
	160	48.3	168.0	18,100	50.2	166.5	18,600				160
	170	44.6	157.7	16,100	46.5	156.1	16,500				170
	180	40.7	146.0	14,400							180
	190	36.4	132.4	12,800							190

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES - 146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
180	55	79.8	235.1	20,000*							55
	60	78.5	234.0	20,000*	80.5	232.8	20,000*				60
	65	77.2	232.7	20,000*	79.3	231.5	20,000*				65
	70	76.0	231.3	20,000*	78.0	230.1	20,000*	79.9	227.6	20,000*	70
	75	74.7	229.8	20,000*	76.7	228.6	20,000*	78.6	226.0	20,000*	75
	80	73.4	228.1	20,000*	75.4	226.9	20,000*	77.3	224.4	20,000*	80
	90	70.8	224.5	20,000*	72.8	223.3	20,000*	74.7	220.7	20,000*	90
	100	68.1	220.3	20,000*	70.1	219.1	20,000*	72.0	216.4	20,000*	100
	110	65.4	215.6	20,000*	67.4	214.3	20,000*	69.2	211.6	20,000*	110
	120	62.6	210.2	20,000*	64.6	208.9	20,000*	66.4	206.1	20,000*	120
	130	59.8	204.2	20,000*	61.7	202.9	20,000*	63.4	200.0	20,000*	130
	140	56.8	197.5	20,000*	58.7	196.1	20,000*	60.4	193.1	19,800*	140
	150	53.7	190.0	19,800	55.6	188.6	20,000*	57.3	185.5	19,100*	150
	160	50.5	181.6	17,500	52.4	180.1	18,000				160
	170	47.2	172.2	15,500	49.0	170.6	16,000				170
	180	43.6	161.6	13,800							180
	190	39.7	149.4	12,200							190
190	55	80.2	245.3	20,000*							55
	60	79.0	244.2	20,000*	80.9	243.0	20,000*				60
	65	77.8	243.0	20,000*	79.7	241.8	20,000*				65
	70	76.6	241.7	20,000*	78.5	240.5	20,000*	80.4	237.9	20,000*	70
	75	75.3	240.2	20,000*	77.3	239.0	20,000*	79.1	236.5	20,000*	75
	80	74.1	238.7	20,000*	76.0	237.5	20,000*	77.9	234.9	20,000*	80
	90	71.6	235.2	20,000*	73.5	234.0	20,000*	75.3	231.3	20,000*	90
	100	69.1	231.2	20,000*	71.0	229.9	20,000*	72.8	227.3	20,000*	100
	110	66.5	226.7	20,000*	68.4	225.4	20,000*	70.1	222.7	20,000*	110
	120	63.9	221.6	20,000*	65.7	220.3	20,000*	67.4	217.5	20,000*	120
	130	61.2	216.0	20,000*	63.0	214.6	20,000*	64.7	211.7	20,000*	130
	140	58.4	209.6	20,000*	60.2	208.2	20,000*	61.8	205.3	20,000*	140
	150	55.5	202.6	19,200	57.3	201.2	19,900	58.9	198.1	19,500*	150
	160	52.5	194.8	17,000	54.3	193.3	17,500				160
	170	49.4	186.0	15,000	51.1	184.5	15,500				170
	180	46.1	176.3	13,200	47.8	174.6	13,600				180
	190	42.6	165.3	11,600							190
	200	38.8	152.8	10,200							200
200	55	80.6	255.5	20,000*							55
	60	79.4	254.5	20,000*							60
	65	78.3	253.3	20,000*	80.1	252.1	20,000*				65
	70	77.1	252.0	20,000*	79.0	250.8	20,000*	80.8	248.2	20,000*	70
	75	75.9	250.7	20,000*	77.8	249.4	20,000*	79.6	246.8	20,000*	75
	80	74.8	249.2	20,000*	76.6	247.9	20,000*	78.4	245.3	20,000*	80
	90	72.4	245.8	20,000*	74.2	244.6	20,000*	76.0	241.9	20,000*	90
	100	70.0	242.0	20,000*	71.8	240.8	20,000*	73.5	238.1	20,000*	100
	110	67.5	237.7	20,000*	69.3	236.4	20,000*	71.0	233.7	20,000*	110
	120	65.0	232.9	20,000*	66.8	231.6	20,000*	68.4	228.8	20,000*	120
	130	62.4	227.5	20,000*	64.2	226.2	20,000*	65.8	223.3	20,000*	130
	140	59.8	221.5	20,000*	61.5	220.2	20,000*	63.1	217.2	20,000*	140
	150	57.1	214.9	18,700	58.8	213.5	19,300	60.4	210.4	19,800*	150
	160	54.3	207.6	16,400	56.0	206.1	17,000	57.5	202.9	17,500	160
	170	51.4	199.4	14,400	53.0	197.9	14,900				170
	180	48.3	190.4	12,600	50.0	188.7	13,100				180
	190	45.1	180.3	11,000	46.7	178.5	11,500				190
	200	41.7	168.9	9,600							200
	210	38.0	156.1	8,400							210

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES -146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

50 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
210	55	81.0	265.7	20,000*							55
	60	79.8	264.7	20,000*							60
	65	78.7	263.6	20,000*	80.5	262.4	20,000*				65
	70	77.6	262.4	20,000*	79.4	261.1	20,000*				70
	75	76.5	261.0	20,000*	78.3	259.8	20,000*	80.0	257.2	20,000*	75
	80	75.4	259.6	20,000*	77.1	258.4	20,000*	78.8	255.7	20,000*	80
	90	73.1	256.4	20,000*	74.8	255.1	20,000*	76.5	252.5	20,000*	90
	100	70.8	252.8	20,000*	72.5	251.5	20,000*	74.2	248.8	20,000*	100
	110	68.4	248.7	20,000*	70.1	247.4	20,000*	71.8	244.6	20,000*	110
	120	66.0	244.1	20,000*	67.7	242.7	20,000*	69.4	239.9	20,000*	120
	130	63.6	238.9	20,000*	65.3	237.6	20,000*	66.9	234.7	20,000*	130
	140	61.1	233.3	20,000*	62.8	231.9	20,000*	64.3	228.9	20,000*	140
	150	58.5	227.0	18,300	60.2	225.6	19,000	61.7	222.5	19,600	150
	160	55.9	220.1	16,000	57.5	218.6	16,600	59.0	215.5	17,200	160
	170	53.1	212.4	14,000	54.8	210.9	14,500				170
	180	50.3	204.0	12,200	51.9	202.4	12,700				180
	190	47.3	194.6	10,600	48.9	192.9	11,100				190
	200	44.2	184.2	9,200							200
	210	40.8	172.5	8,000*							210
	220	37.2	159.3	6,600*							220
220	60	80.2	274.9	20,000*							60
	65	79.1	273.8	20,000*	80.9	272.6	20,000*				65
	70	78.1	272.7	20,000*	79.8	271.4	20,000*				70
	75	77.0	271.4	20,000*	78.7	270.1	20,000*	80.4	267.5	20,000*	75
	80	75.9	270.0	20,000*	77.6	268.8	20,000*	79.3	266.1	20,000*	80
	90	73.7	267.0	20,000*	75.4	265.7	20,000*	77.0	263.0	20,000*	90
	100	71.5	263.5	20,000*	73.2	262.2	20,000*	74.8	259.5	20,000*	100
	110	69.2	259.5	20,000*	70.9	258.2	20,000*	72.5	255.5	20,000*	110
	120	67.0	255.1	20,000*	68.6	253.8	20,000*	70.2	251.0	20,000*	120
	130	64.6	250.2	20,000*	66.3	248.9	20,000*	67.8	246.0	20,000*	130
	140	62.2	244.8	20,000*	63.9	243.4	20,000*	65.4	240.5	20,000*	140
	150	59.8	238.9	17,700	61.4	237.4	18,400	62.9	234.4	19,100	150
	160	57.3	232.3	15,400	58.9	230.8	16,100	60.3	227.7	16,700	160
	170	54.7	225.1	13,400	56.3	223.6	14,000	57.7	220.4	14,500	170
	180	52.0	217.1	11,600	53.6	215.6	12,200				180
230	190	49.3	208.4	10,100	50.8	206.7	10,500				190
	200	46.3	198.7	8,600	47.9	197.0	9,100				200
	210	43.3	188.0	7,300*							210
	220	40.0	176.0	5,800*							220
	230	36.5	162.4	4,600*							230
	60	80.6	285.1	20,000*							60
	65	79.5	284.1	20,000*							65
	70	78.5	282.9	20,000*	80.2	281.7	20,000*				70
	75	77.5	281.7	20,000*	79.1	280.5	20,000*	80.7	277.8	20,000*	75
	80	76.4	280.4	20,000*	78.1	279.1	20,000*	79.7	276.5	20,000*	80
	90	74.3	277.4	20,000*	75.9	276.2	20,000*	77.5	273.5	20,000*	90
	100	72.2	274.1	20,000*	73.8	272.8	20,000*	75.4	270.1	20,000*	100
	110	70.0	270.3	20,000*	71.6	269.0	20,000*	73.2	266.2	20,000*	110
	120	67.8	266.1	20,000*	69.4	264.8	20,000*	70.9	262.0	20,000*	120
	130	65.6	261.4	20,000*	67.2	260.1	20,000*	68.7	257.2	20,000*	130
	140	63.3	256.3	19,800	64.9	254.9	20,000*	66.4	252.0	20,000*	140
	150	61.0	250.6	17,100	62.6	249.2	17,900	64.0	246.2	18,700	150
	160	58.6	244.3	14,900	60.2	242.9	15,600	61.6	239.8	16,200	160
	170	56.2	237.5	12,900	57.7	236.0	13,500	59.1	232.8	14,100	170
	180	53.6	230.0	11,100	55.2	228.4	11,700	56.5	225.2	12,200	180
	190	51.0	221.8	9,500	52.5	220.2	10,000				190
	200	48.3	212.7	8,100*	49.8	211.0	8,600				200
	210	45.4	202.8	6,600*	46.9	201.0	7,100*				210
	220	42.4	191.7	5,100*							220

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES - 146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
110	45	79.5	176.0	10,000*							45
	50	77.8	174.7	10,000*							50
	55	76.1	173.3	10,000*	79.4	172.3	10,000*				55
	60	74.4	171.7	10,000*	77.6	170.7	10,000*	80.9	168.4	10,000*	60
	65	72.6	169.9	10,000*	75.9	168.9	10,000*	79.1	166.6	10,000*	65
	70	70.8	168.0	10,000*	74.1	167.0	10,000*	77.3	164.6	10,000*	70
	75	69.1	165.9	10,000*	72.3	164.9	10,000*	75.5	162.4	10,000*	75
	80	67.2	163.6	10,000*	70.5	162.5	10,000*	73.6	160.1	10,000*	80
	90	63.5	158.4	10,000*	66.7	157.3	10,000*	69.8	154.8	10,000*	90
	100	59.7	152.3	10,000*	62.8	151.2	10,000*	65.9	148.5	10,000*	100
	110	55.6	145.2	10,000*	58.8	144.1	10,000*	61.7	141.3	10,000*	110
	120	51.4	137.0	10,000*	54.5	135.8	10,000*	57.3	132.8	10,000*	120
	130	46.8	127.5	10,000*	49.8	126.1	10,000*				130
	140	41.8	116.1	10,000*	44.8	114.6	10,000*				140
	150	36.2	102.4	10,000*							150
120	45	80.1	186.2	10,000*							45
	50	78.5	185.0	10,000*							50
	55	76.9	183.7	10,000*	80.0	182.7	10,000*				55
	60	75.2	182.2	10,000*	78.3	181.2	10,000*				60
	65	73.6	180.5	10,000*	76.7	179.5	10,000*	79.8	177.1	10,000*	65
	70	71.9	178.7	10,000*	75.0	177.7	10,000*	78.1	175.2	10,000*	70
	75	70.3	176.7	10,000*	73.3	175.7	10,000*	76.4	173.2	10,000*	75
	80	68.6	174.6	10,000*	71.6	173.5	10,000*	74.6	171.0	10,000*	80
	90	65.1	169.7	10,000*	68.1	168.6	10,000*	71.1	166.0	10,000*	90
	100	61.5	164.1	10,000*	64.5	163.0	10,000*	67.4	160.3	10,000*	100
	110	57.8	157.6	10,000*	60.8	156.4	10,000*	63.6	153.6	10,000*	110
	120	53.9	150.1	10,000*	56.8	148.8	10,000*	59.6	145.9	10,000*	120
	130	49.8	141.5	10,000*	52.7	140.1	10,000*	55.3	137.0	10,000*	130
	140	45.3	131.4	10,000*	48.2	130.0	10,000*				140
	150	40.5	119.6	10,000*							150
	160	35.1	105.3	10,000*							160
130	45	80.6	196.4	10,000*							45
	50	79.1	195.3	10,000*							50
	55	77.6	194.0	10,000*	80.5	193.0	10,000*				55
	60	76.0	192.6	10,000*	79.0	191.6	10,000*				60
	65	74.5	191.1	10,000*	77.4	190.0	10,000*	80.3	187.5	10,000*	65
	70	72.9	189.4	10,000*	75.8	188.3	10,000*	78.7	185.8	10,000*	70
	75	71.3	187.5	10,000*	74.3	186.4	10,000*	77.1	183.9	10,000*	75
	80	69.7	185.5	10,000*	72.6	184.4	10,000*	75.5	181.8	10,000*	80
	90	66.5	180.9	10,000*	69.4	179.8	10,000*	72.2	177.2	10,000*	90
	100	63.2	175.7	10,000*	66.0	174.5	10,000*	68.8	171.8	10,000*	100
	110	59.7	169.6	10,000*	62.5	168.4	10,000*	65.2	165.6	10,000*	110
	120	56.1	162.7	10,000*	58.9	161.5	10,000*	61.5	158.5	10,000*	120
	130	52.3	154.8	10,000*	55.1	153.5	10,000*	57.6	150.4	10,000*	130
	140	48.3	145.7	10,000*	51.1	144.3	10,000*				140
	150	44.0	135.2	10,000*	46.7	133.7	10,000*				150
	160	39.3	122.9	10,000*							160
140	50	79.6	205.6	10,000*							50
	55	78.2	204.4	10,000*	81.0	203.3	10,000*				55
	60	76.7	203.0	10,000*	79.5	201.9	10,000*				60
	65	75.3	201.6	10,000*	78.1	200.5	10,000*	80.8	197.9	10,000*	65
	70	73.8	199.9	10,000*	76.6	198.8	10,000*	79.3	196.3	10,000*	70
	75	72.3	198.2	10,000*	75.1	197.1	10,000*	77.8	194.5	10,000*	75
	80	70.8	196.3	10,000*	73.6	195.1	10,000*	76.3	192.5	10,000*	80
	90	67.7	192.0	10,000*	70.5	190.8	10,000*	73.1	188.2	10,000*	90
	100	64.6	187.1	10,000*	67.3	185.9	10,000*	69.9	183.1	10,000*	100
	110	61.4	181.4	10,000*	64.1	180.2	10,000*	66.6	177.3	10,000*	110
	120	58.0	175.0	10,000*	60.7	173.7	10,000*	63.2	170.7	10,000*	120
	130	54.5	167.7	10,000*	57.2	166.3	10,000*	59.6	163.2	10,000*	130
	140	50.9	159.4	10,000*	53.5	157.9	10,000*	55.9	154.7	10,000*	140
	150	47.0	149.9	10,000*	49.6	148.4	10,000*				150
	160	42.8	138.9	10,000*	45.4	137.3	10,000*				160
	170	38.3	126.2	10,000*							170

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES - 146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
150	50	80.1	215.8	10,000*							50
	55	78.8	214.7	10,000*							55
	60	77.4	213.4	10,000*	80.0	212.3	10,000*				60
	65	76.0	212.0	10,000*	78.6	210.9	10,000*				65
	70	74.6	210.5	10,000*	77.2	209.3	10,000*	79.9	206.7	10,000*	70
	75	73.2	208.8	10,000*	75.8	207.6	10,000*	78.4	205.0	10,000*	75
	80	71.7	207.0	10,000*	74.4	205.8	10,000*	77.0	203.2	10,000*	80
	90	68.9	202.9	10,000*	71.5	201.8	10,000*	74.0	199.0	10,000*	90
	100	65.9	198.3	10,000*	68.5	197.1	10,000*	71.0	194.3	10,000*	100
	110	62.9	193.0	10,000*	65.4	191.7	10,000*	67.9	188.9	10,000*	110
	120	59.7	187.0	10,000*	62.3	185.7	10,000*	64.7	182.7	10,000*	120
	130	56.5	180.2	10,000*	59.0	178.8	10,000*	61.4	175.7	10,000*	130
	140	53.1	172.5	10,000*	55.6	171.1	10,000*	57.9	167.8	10,000*	140
	150	49.5	163.8	10,000*	52.0	162.3	10,000*				150
	160	45.8	153.9	10,000*	48.2	152.3	10,000*				160
	170	41.7	142.6	10,000*							170
	180	37.3	129.4	10,000*							180
160	50	80.6	226.0	10,000*							50
	55	79.3	224.9	10,000*							55
	60	78.0	223.7	10,000*	80.5	222.6	10,000*				60
	65	76.6	222.4	10,000*	79.2	221.2	10,000*				65
	70	75.3	220.9	10,000*	77.8	219.8	10,000*	80.3	217.1	10,000*	70
	75	74.0	219.3	10,000*	76.5	218.2	10,000*	79.0	215.5	10,000*	75
	80	72.6	217.6	10,000*	75.1	216.4	10,000*	77.6	213.7	10,000*	80
	90	69.9	213.8	10,000*	72.4	212.6	10,000*	74.8	209.8	10,000*	90
	100	67.1	209.4	10,000*	69.5	208.1	10,000*	71.9	205.3	10,000*	100
	110	64.2	204.4	10,000*	66.7	203.1	10,000*	69.0	200.2	10,000*	110
	120	61.2	198.7	10,000*	63.7	197.4	10,000*	66.0	194.4	10,000*	120
	130	58.2	192.3	10,000*	60.6	191.0	10,000*	62.9	187.9	10,000*	130
	140	55.1	185.2	10,000*	57.5	183.8	10,000*	59.7	180.6	10,000*	140
	150	51.8	177.1	10,000*	54.1	175.7	10,000*	56.3	172.3	10,000*	150
	160	48.3	168.1	10,000*	50.6	166.5	10,000*				160
	170	44.6	157.8	10,000*	46.9	156.2	10,000*				170
	180	40.7	146.1	10,000*							180
	190	36.4	132.5	10,000*							190
170	50	81.0	236.2	10,000*							50
	55	79.7	235.2	10,000*							55
	60	78.5	234.0	10,000*	80.9	232.8	10,000*				60
	65	77.2	232.7	10,000*	79.7	231.6	10,000*				65
	70	75.9	231.3	10,000*	78.4	230.2	10,000*	80.8	227.5	10,000*	70
	75	74.7	229.8	10,000*	77.1	228.6	10,000*	79.5	225.9	10,000*	75
	80	73.4	228.2	10,000*	75.8	227.0	10,000*	78.2	224.3	10,000*	80
	90	70.8	224.5	10,000*	73.2	223.3	10,000*	75.5	220.5	10,000*	90
	100	68.1	220.4	10,000*	70.5	219.1	10,000*	72.8	216.3	10,000*	100
	110	65.4	215.6	10,000*	67.8	214.3	10,000*	70.0	211.4	10,000*	110
	120	62.6	210.3	10,000*	65.0	209.0	10,000*	67.2	206.0	10,000*	120
	130	59.7	204.3	10,000*	62.1	202.9	10,000*	64.3	199.9	10,000*	130
	140	56.8	197.6	10,000*	59.1	196.2	10,000*	61.2	193.0	10,000*	140
	150	53.7	190.1	10,000*	56.0	188.6	10,000*	58.1	185.3	10,000*	150
	160	50.5	181.7	10,000*	52.8	180.2	10,000*				160
	170	47.2	172.3	10,000*	49.4	170.7	10,000*				170
	180	43.6	161.6	10,000*	45.8	159.9	10,000*				180
	190	39.7	149.5	10,000*							190
	200	35.5	135.5	10,000*							200

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES - 146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
180	55	80.2	245.4	10,000*							55
	60	79.0	244.3	10,000*							60
	65	77.8	243.1	10,000*	80.1	241.9	10,000*				65
	70	76.5	241.7	10,000*	78.9	240.5	10,000*				70
	75	75.3	240.3	10,000*	77.6	239.1	10,000*	79.9	236.3	10,000*	75
	80	74.1	238.7	10,000*	76.4	237.5	10,000*	78.7	234.7	10,000*	80
	90	71.6	235.2	10,000*	73.9	234.0	10,000*	76.1	231.2	10,000*	90
	100	69.1	231.3	10,000*	71.3	230.0	10,000*	73.6	227.1	10,000*	100
	110	66.5	226.8	10,000*	68.8	225.5	10,000*	70.9	222.5	10,000*	110
	120	63.8	221.7	10,000*	66.1	220.4	10,000*	68.2	217.4	10,000*	120
	130	61.1	216.0	10,000*	63.4	214.7	10,000*	65.5	211.6	10,000*	130
	140	58.4	209.7	10,000*	60.6	208.3	10,000*	62.6	205.1	10,000*	140
	150	55.5	202.7	10,000*	57.7	201.2	10,000*	59.7	197.9	10,000*	150
	160	52.5	194.8	10,000*	54.7	193.3	10,000*	56.6	189.9	10,000*	160
	170	49.4	186.1	10,000*	51.5	184.5	10,000*				170
	180	46.1	176.4	10,000*	48.2	174.7	10,000*				180
	190	42.6	165.4	10,000*	44.7	163.6	10,000*				190
	200	38.8	152.9	10,000*							200
190	55	80.6	255.6	10,000*							55
	60	79.4	254.5	10,000*							60
	65	78.3	253.4	10,000*	80.5	252.1	10,000*				65
	70	77.1	252.1	10,000*	79.3	250.9	10,000*				70
	75	75.9	250.7	10,000*	78.1	249.5	10,000*	80.3	246.7	10,000*	75
	80	74.7	249.2	10,000*	77.0	248.0	10,000*	79.1	245.2	10,000*	80
	90	72.4	245.9	10,000*	74.6	244.6	10,000*	76.7	241.8	10,000*	90
	100	69.9	242.1	10,000*	72.1	240.8	10,000*	74.3	237.9	10,000*	100
	110	67.5	237.8	10,000*	69.7	236.5	10,000*	71.8	233.5	10,000*	110
	120	65.0	233.0	10,000*	67.1	231.6	10,000*	69.2	228.6	10,000*	120
	130	62.4	227.6	10,000*	64.6	226.2	10,000*	66.6	223.1	10,000*	130
	140	59.8	221.6	10,000*	61.9	220.2	10,000*	63.9	217.0	10,000*	140
	150	57.1	215.0	10,000*	59.2	213.5	10,000*	61.1	210.3	10,000*	150
	160	54.3	207.6	10,000*	56.4	206.1	10,000*	58.3	202.7	10,000*	160
	170	51.3	199.5	10,000*	53.4	197.9	10,000*	55.3	194.4	10,000*	170
	180	48.3	190.4	10,000*	50.3	188.8	10,000*				180
	190	45.1	180.3	10,000*	47.1	178.6	10,000*				190
	200	41.7	169.0	10,000*							200
	210	38.0	156.1	9,200							210
200	55	80.9	265.8	10,000*							55
	60	79.8	264.8	10,000*							60
	65	78.7	263.6	10,000*	80.9	262.4	10,000*				65
	70	77.6	262.4	10,000*	79.7	261.2	10,000*				70
	75	76.5	261.1	10,000*	78.6	259.8	10,000*	80.7	257.0	10,000*	75
	80	75.3	259.7	10,000*	77.5	258.4	10,000*	79.6	255.6	10,000*	80
	90	73.1	256.5	10,000*	75.2	255.2	10,000*	77.3	252.3	10,000*	90
	100	70.7	252.8	10,000*	72.9	251.5	10,000*	74.9	248.6	10,000*	100
	110	68.4	248.7	10,000*	70.5	247.4	10,000*	72.5	244.4	10,000*	110
	120	66.0	244.1	10,000*	68.1	242.8	10,000*	70.1	239.8	10,000*	120
	130	63.6	239.0	10,000*	65.6	237.6	10,000*	67.6	234.5	10,000*	130
	140	61.1	233.3	10,000*	63.1	231.9	10,000*	65.0	228.8	10,000*	140
	150	58.5	227.1	10,000*	60.5	225.6	10,000*	62.4	222.3	10,000*	150
	160	55.8	220.1	10,000*	57.9	218.6	10,000*	59.7	215.3	10,000*	160
	170	53.1	212.5	10,000*	55.1	210.9	10,000*	56.9	207.4	10,000*	170
	180	50.3	204.0	10,000*	52.2	202.4	10,000*				180
	190	47.3	194.7	10,000*	49.2	193.0	10,000*				190
	200	44.1	184.2	9,800	46.1	182.4	10,000*				200
	210	40.8	172.6	8,600							210
	220	37.2	159.4	7,400*							220

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W SERIES 2

JIB NO. 123 WITH 12' 6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP
OFFSET 4-1/2 DEGREES - 146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26' 6" CRAWLERS EXTENDED

60 FOOT JIB

BOOM LGTH. FEET	JIB OPER. RAD. FEET	0 DEGREE OFFSET			10 DEGREE OFFSET			20 DEGREE OFFSET			JIB OPER. RAD. FEET
		BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	BOOM ANG. DEG.	JIB POINT ELEV. FEET	CAPACITY POUNDS	
210	60	80.2	275.0	10,000*							60
	65	79.1	273.9	10,000*							65
	70	78.1	272.7	10,000*	80.1	271.5	10,000*				70
	75	77.0	271.4	10,000*	79.0	270.2	10,000*				75
	80	75.9	270.1	10,000*	77.9	268.8	10,000*	80.0	265.9	10,000*	80
	90	73.7	267.0	10,000*	75.7	265.7	10,000*	77.8	262.8	10,000*	90
	100	71.5	263.5	10,000*	73.5	262.2	10,000*	75.5	259.3	10,000*	100
	110	69.2	259.6	10,000*	71.3	258.3	10,000*	73.2	255.3	10,000*	110
	120	66.9	255.2	10,000*	69.0	253.8	10,000*	70.9	250.8	10,000*	120
	130	64.6	250.3	10,000*	66.6	248.9	10,000*	68.5	245.8	10,000*	130
	140	62.2	244.9	10,000*	64.2	243.5	10,000*	66.1	240.3	10,000*	140
	150	59.8	238.9	10,000*	61.8	237.5	10,000*	63.6	234.2	10,000*	150
	160	57.3	232.4	10,000*	59.2	230.9	10,000*	61.0	227.5	10,000*	160
	170	54.7	225.2	10,000*	56.6	223.6	10,000*	58.4	220.1	10,000*	170
	180	52.0	217.2	10,000*	53.9	215.6	10,000*	55.7	212.0	10,000*	180
	190	49.2	208.5	10,000*	51.1	206.8	10,000*				190
	200	46.3	198.8	9,400	48.2	197.0	9,900				200
	210	43.3	188.1	8,100	45.1	186.2	8,600				210
	220	40.0	176.1	6,900*							220
	230	36.5	162.5	5,600*							230
220	60	80.5	285.2	10,000*							60
	65	79.5	284.1	10,000*							65
	70	78.5	283.0	10,000*	80.5	281.7	10,000*				70
	75	77.4	281.8	10,000*	79.4	280.5	10,000*				75
	80	76.4	280.4	10,000*	78.4	279.2	10,000*	80.4	276.3	10,000*	80
	90	74.3	277.5	10,000*	76.3	276.2	10,000*	78.2	273.3	10,000*	90
	100	72.2	274.2	10,000*	74.1	272.8	10,000*	76.0	269.9	10,000*	100
	110	70.0	270.4	10,000*	72.0	269.0	10,000*	73.9	266.0	10,000*	110
	120	67.8	266.2	10,000*	69.8	264.8	10,000*	71.6	261.8	10,000*	120
	130	65.6	261.5	10,000*	67.5	260.1	10,000*	69.4	257.0	10,000*	130
	140	63.3	256.3	10,000*	65.2	254.9	10,000*	67.0	251.7	10,000*	140
	150	61.0	250.6	10,000*	62.9	249.2	10,000*	64.7	245.9	10,000*	150
	160	58.6	244.4	10,000*	60.5	242.9	10,000*	62.2	239.6	10,000*	160
	170	56.1	237.6	10,000*	58.0	236.0	10,000*	59.7	232.6	10,000*	170
	180	53.6	230.1	10,000*	55.5	228.5	10,000*	57.2	224.9	10,000*	180
	190	51.0	221.8	10,000*	52.8	220.2	10,000*				190
	200	48.3	212.8	8,800	50.1	211.1	9,400				200
	210	45.4	202.8	7,500*	47.2	201.0	8,000				210
	220	42.4	191.8	6,100*							220
	230	39.2	179.5	4,800*							230
230	60	80.9	295.3	10,000*							60
	65	79.9	294.3	10,000*							65
	70	78.9	293.3	10,000*	80.8	292.0	10,000*				70
	75	77.9	292.1	10,000*	79.8	290.8	10,000*				75
	80	76.9	290.8	10,000*	78.8	289.5	10,000*	80.7	286.6	10,000*	80
	90	74.8	288.0	10,000*	76.8	286.6	10,000*	78.6	283.7	10,000*	90
	100	72.8	284.7	10,000*	74.7	283.4	10,000*	76.6	280.4	10,000*	100
	110	70.7	281.1	10,000*	72.6	279.8	10,000*	74.4	276.7	10,000*	110
	120	68.6	277.1	10,000*	70.5	275.7	10,000*	72.3	272.6	10,000*	120
	130	66.5	272.6	10,000*	68.3	271.2	10,000*	70.1	268.1	10,000*	130
	140	64.3	267.6	10,000*	66.2	266.2	10,000*	67.9	263.0	10,000*	140
	150	62.1	262.2	10,000*	63.9	260.8	10,000*	65.7	257.5	10,000*	150
	160	59.8	256.3	10,000*	61.6	254.8	10,000*	63.3	251.4	10,000*	160
	170	57.5	249.7	10,000*	59.3	248.2	10,000*	61.0	244.8	10,000*	170
	180	55.1	242.6	10,000*	56.9	241.1	10,000*	58.5	237.5	10,000*	180
	190	52.6	234.9	9,700	54.4	233.2	10,000*	56.0	229.6	10,000*	190
	200	50.0	226.4	8,300	51.8	224.7	8,900				200
	210	47.4	217.0	6,800*	49.1	215.3	7,500*				210
	220	44.6	206.8	5,400*	46.3	204.9	6,000*				220
	230	41.6	195.5	4,100*							230

JIB LIFTING CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS**4100W
SERIES-2**

**JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP OFFSET 4½ DEGREES
26'6" CRAWLERS-EXTENDED**

0 DEGREE JIB OFFSET ANGLE

Chart supplements boom capacity chart No. 6934-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, travel, as well as adverse operating conditions and physical machine depreciation.

Capacities do not exceed **75%** of a static tipping load with machine on 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 beneath boom and jib point sheaves, etc., including those on the main boom 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. Maximum capacity on 1½" — 6 x 31 IPS, IWRC is 28,300 lbs./line. Refer to jib assembly No. 43730.

30 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	60 *	40,000	40,000	40,000	40,000	60 *
	65	40,000	40,000	40,000	40,000	65
	70	40,000	40,000	40,000	40,000	70
	75	40,000	40,000	40,000	40,000	75
	80	39,100	40,000	40,000	40,000	80
	85	38,800	40,000	40,000	40,000	85
	90	34,700	37,800	40,000	40,000	90
95		35,800	40,000	40,000	95	
100		34,000	38,300	40,000	100	
105			36,600	39,100	105	
110				37,500	110	
115				36,000	115	

40 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	75 *	30,000	30,000	30,000	30,000	75 *
	80	30,000	30,000	30,000	30,000	80
	85	29,800	30,000	30,000	30,000	85
	90	28,100	30,000	30,000	30,000	90
	95	26,500	28,700	30,000	30,000	95
	100	25,200	27,300	30,000	30,000	100
	105		25,900	29,000	30,000	105
110			27,700	29,500	110	
115			28,600	28,300	115	
120				27,200	120	

50 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	95 *	20,000	20,000	20,000	20,000	95 *
	100	20,000	20,000	20,000	20,000	100
	105	20,000	20,000	20,000	20,000	105
	110	19,600	20,000	20,000	20,000	110
	115		20,000	20,000	20,000	115
	120			20,000	20,000	120
	125			20,000	20,000	125
130				20,000	130	

60 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	115 *	10,000	10,000	10,000	10,000	115 *
	120		10,000	10,000	10,000	120
125		10,000	10,000	10,000	125	
130			10,000	10,000	130	
135			10,000	10,000	135	
140				10,000	140	

* These capacities apply for ALL lesser radii obtainable.

JIB LIFTING CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS**4100W
SERIES-2**

**JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP OFFSET 4½ DEGREES
26'6" CRAWLERS-EXTENDED**

10 DEGREE JIB OFFSET ANGLE

Chart supplements boom capacity chart No. 6934-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, travel, as well as adverse operating conditions and physical machine depreciation.

Capacities do not exceed **75%** of a static tipping load with machine on 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 beneath boom and jib point sheaves, etc., including those on the main boom 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. Maximum capacity on 1½" — 6 x 31 IPS, IWRC is 28,300 lbs./line. Refer to jib assembly No. 43730.

30 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	45 *	40,000	40,000	40,000	40,000	45 *
	50	40,000	40,000	40,000	40,000	50
	55	40,000	40,000	40,000	40,000	55
	60	40,000	40,000	40,000	40,000	60
	65	40,000	40,000	40,000	40,000	65
	70	38,500	40,000	40,000	40,000	70
	75	36,500	39,000	40,000	40,000	75
80	34,700	37,100	40,000	40,000	80	
85		35,400	38,800	40,000	85	
90		33,900	37,200	39,000	90	
95			35,700	37,500	95	
100				36,200	100	

40 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	65 *	30,000	30,000	30,000	30,000	65 *
	70	30,000	30,000	30,000	30,000	70
	75	29,200	30,000	30,000	30,000	75
	80	27,700	29,500	30,000	30,000	80
	85	26,400	28,100	30,000	30,000	85
	90	25,200	26,900	29,300	30,000	90
	95		25,700	28,100	29,500	95
100		24,700	27,100	28,400	100	
105			26,100	27,300	105	
110				26,400	110	

50 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	85 *	20,000	20,000	20,000	20,000	85 *
	90	20,000	20,000	20,000	20,000	90
95	20,000	20,000	20,000	20,000	95	
100	19,600	20,000	20,000	20,000	100	
105		20,000	20,000	20,000	105	
110		19,200	20,000	20,000	110	
115			20,000	20,000	115	
120				20,000	120	

60 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	105 *	10,000	10,000	10,000	10,000	105 *
	110	10,000	10,000	10,000	10,000	110
	115		10,000	10,000	10,000	115
	120			10,000	10,000	120
	125			10,000	10,000	125
	130				10,000	130

* These capacities apply for ALL lesser radii obtainable.

JIB LIFTING CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS**4100W
SERIES-2**

**JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22C WITH OPEN THROAT TOP OFFSET 4½ DEGREES
26'6" CRAWLERS-EXTENDED**

20 DEGREE JIB OFFSET ANGLE

Chart supplements boom capacity chart No. 6934-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, travel, as well as adverse operating conditions and physical machine depreciation.

Capacities do not exceed **75%** of a static tipping load with machine on 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 beneath boom and jib point sheaves, etc., including those on the main boom 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. Maximum capacity on 1½" — 6 x 31 IPS, IWRC is 28,300 lbs./line. Refer to jib assembly No. 43730.

30 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	40	40,000	40,000	40,000		40
	45	40,000	40,000	40,000	40,000	45
	50	40,000	40,000	40,000	40,000	50
	55	38,600	40,000	40,000	40,000	55
	60	36,500	38,400	40,000	40,000	60
	65	34,800	36,600	38,900	40,000	65
	70	33,200	36,000	37,300	38,500	70
75	31,800	33,600	35,800	37,000	75	
80		32,300	34,500	36,700	80	
85			33,400	34,600	85	
90				33,500	90	

40 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	55 *	30,000	30,000	30,000	30,000	55 *
	60	29,200	30,000	30,000	30,000	60
	65	27,700	29,000	30,000	30,000	65
	70	26,300	27,600	29,300	30,000	70
	75	25,200	26,400	28,100	29,000	75
	80	24,100	25,400	27,000	27,900	80
	85		24,400	26,100	26,900	85
90			25,200	26,000	90	
95				25,200	95	
100				24,500	100	

50 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	70 *	20,000	20,000	20,000	20,000	70 *
	75	20,000	20,000	20,000	20,000	75
	80	20,000	20,000	20,000	20,000	80
	85	19,500	20,000	20,000	20,000	85
	90	18,800	19,700	20,000	20,000	90
	95		19,000	20,000	20,000	95
	100			19,600	20,000	100
105				19,700	105	

60 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS				JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET				
		70	80	90	100	
	90 *	10,000	10,000	10,000	10,000	90 *
	95	10,000	10,000	10,000	10,000	95
100	10,000	10,000	10,000	10,000	100	
105		10,000	10,000	10,000	105	
110			10,000	10,000	110	
115				10,000	115	

* These capacities apply for ALL lesser radii obtainable.

LIFTCRANE CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W
SERIES 2
CRAWLER

BOOM NO. 22A WITH HAMMERHEAD TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26'6" CRAWLERS EXTENDED

WARNING: This chart will apply only when two 12,000 lb. side ctwts. and two 30,000 lb. carbody ctwts. bear MEC registered Serial Numbers.

LIFTING CAPACITIES: Capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed **75%** of a static tipping load. Capacities based on structural competence are shown by shaded areas.

Upper boom point capacity for liftcrane service with single part whip line is 28,300 lbs. In all cases, upper boom point capacities cannot exceed those listed for the main boom capacity.

Capacities are shown in pounds. Weight of jib, (see chart A), all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib point sheaves, is to be considered part of the main boom load. Boom is 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.

OPERATING CONDITIONS: Machine to operate in a level position on a firm surface with crawlers fully extended and gantry up. Refer to rigging No. 190993 and load line specification chart No. 6605-A.

Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation.

OPERATING RADIUS: Operating radius is the horizontal distance from the axis of rotation to the center of vertical hoist line or load block with the load freely suspended. Add 14" to boom point radius for radius of sheave when using single part hoist line.

Boom angle is the angle between horizontal and centerline of boom butt and inserts and is an indication of operating radius. In all cases, operating radius shall govern capacity.

BOOM POINT ELEVATION: Boom point elevation, in feet, is the vertical distance from ground level to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with 26'6" extendible crawlers, 48" treads, 17' retractable gantry, 12 part boom hoist reeving, four 1-3/8" boom pendants, 1st ctwt. 41,900 lbs., 2nd ctwt. 41,500 lbs., 3rd ctwt. 39,000 lbs., two 12,000 lbs. side ctwt's. and two 30,000 lbs. carbody ctwt's.

HOIST REEVEING FOR MAIN LOAD BLOCK

No. Parts of Line	1	2	3	4	5	6
Max. Load — Lbs.	32,500	65,000	97,500	130,000	162,500	195,000
No. Parts of Line	7	8	9	10	11	12
Max. Load — Lbs.	227,500	260,000	292,500	325,000	357,500	400,000
No. Parts of Line	13	14				
Max. Load — Lbs.	430,000	460,000				

LOAD AND WHIP LINE SPECIFICATIONS

LOAD LINE: 1-1/8" — 6x31 Warrington-Seale, Extra Improved Plow Steel, Regular Lay, IWRC. Minimum Breaking Strength 65 Ton. (Approx. Weight Per Ft. in Lbs. 2.34)

WHIP LINE: 1-1/8" — 6x31 Warrington-Seale, Improved Plow Steel, Regular Lay, IWRC. Minimum Breaking Strength 56.5 Ton. Maximum Load — 28,300 Lbs. Per Line. (Approx. Weight Per Ft. in Lbs. 2.34)

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED

OVER FRONT OF BLOCKED CRAWLERS				(A) DEDUCT FROM CAPACITIES WHEN JIB IS ATTACHED	
Boom Lgth.	Jib No. 123	Boom Lgth.	Jib No. 123	Jib Lgth.	Jib No. 123
260'	---	260'	---	30'	2,800 Lb.
250'	---	250'	---	40'	3,600 Lb.
240'	40'	240'	40'	50'	4,400 Lb.
230'	60'	230'	60'	60'	5,200 Lb.

Load block, hook and weight ball on ground at start. To comply with B30.5 requirements, upper boom point cannot be used on 260' boom.

For jib capacities, consult jib chart.

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended	Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended	Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended	Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
70	16.5	82.4	76.0	460,000	80	17	83.0	86.0	379,400	90	18	83.1	96.0	344,200	100	19	83.2	105.9	332,800
	17	81.9	75.9	398,900		18	82.2	85.8	376,200		19	82.5	95.8	341,100		20	82.6	105.8	323,900
	18	81.1	75.7	380,100		19	81.5	85.6	361,800		20	81.8	95.6	333,900		22	81.5	105.4	307,600
	19	80.3	75.5	362,900		20	80.8	85.5	346,000		22	80.5	95.2	317,300		24	80.3	105.0	285,800
	20	79.4	75.2	347,100		22	79.3	85.0	318,200		24	79.2	94.8	292,200		26	79.1	104.6	261,200
	22	77.8	74.7	319,300		24	77.8	84.5	292,800		26	77.9	94.3	265,100		28	78.0	104.1	236,900
	24	76.1	74.2	293,500		26	76.4	84.0	265,700		28	76.6	93.8	237,200		30	76.8	103.6	213,400
	26	74.3	73.5	266,400		28	74.9	83.4	237,400		30	75.3	93.2	213,800		32	75.6	103.1	194,000
	28	72.6	72.8	237,700		30	73.4	82.7	214,000		32	73.9	92.6	194,400		34	74.4	102.4	177,700
	30	70.9	72.1	214,400		32	71.8	82.0	194,700		34	72.6	91.9	178,100		36	73.2	101.8	163,800
70	32	69.1	71.2	195,000	80	34	70.3	81.2	178,400	90	36	71.2	91.2	164,200	100	38	72.0	101.1	151,800
	34	67.3	70.3	178,800		36	68.8	80.4	164,500		38	69.9	90.4	152,200		40	70.8	100.4	141,300
	36	65.5	69.3	164,900		38	67.2	79.5	152,500		40	68.5	89.5	141,800		45	67.7	98.3	120,200
	38	63.6	68.3	152,900		40	65.6	78.5	142,100		45	65.0	87.2	120,700		50	64.5	95.9	104,200
	40	61.7	67.1	142,500		45	61.5	75.8	121,000		50	61.3	84.4	104,700		55	61.2	93.1	91,700
	45	56.8	63.8	121,500		50	57.2	72.5	105,100		55	57.6	81.2	92,200		60	57.8	89.9	81,600
	50	51.6	59.9	105,500		55	52.7	68.7	92,600		60	53.6	77.5	82,100		65	54.3	86.3	73,400
	55	45.9	55.1	93,100		60	47.9	64.2	82,500		65	49.4	73.3	73,900		70	50.6	82.2	66,400
	60	39.6	49.1	83,000		65	42.7	58.9	74,300		70	44.9	68.3	66,900		75	46.6	77.5	60,500
	65	32.1	41.5	74,700		70	36.8	52.3	67,300		75	40.0	62.4	61,000		80	42.4	72.1	55,500
	70	22.3	30.5	67,800		75	29.8	44.0	61,400		80	34.5	55.3	56,000		85	37.8	65.7	51,100
						80	20.6	32.2	56,300		85	28.0	46.4	51,600		90	32.6	58.1	47,200
											95					95	26.4	48.6	43,800

**CAUTION! CHECK AMOUNT OF COUNTERWEIGHT
ON MACHINE BEFORE USE OF THIS CHART.**

*Capacities continued
on reverse side.*

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
110	22	82.3	115.6	287,800
	24	81.2	115.2	280,500
	26	80.1	114.8	258,100
	28	79.1	114.4	236,600
	30	78.0	113.9	213,200
	32	76.9	113.4	193,700
	34	75.9	112.9	177,400
	36	74.8	112.3	163,500
	38	73.7	111.7	151,500
	40	72.6	111.0	141,000
110	45	69.8	109.1	119,900
	50	67.0	107.0	103,900
	55	64.1	104.5	91,400
	60	61.1	101.7	81,300
	65	58.0	98.6	73,000
	70	54.8	95.1	66,000
110	75	51.5	91.1	60,100
	80	48.0	86.6	55,100
	85	44.3	81.5	50,700
	90	40.3	75.7	46,800
	95	35.9	68.9	43,400
110	100	30.9	60.8	40,300
	105	25.1	50.7	37,600
120	22	82.9	125.7	280,700
	24	82.0	125.4	272,100
	26	81.0	125.0	252,300
	28	80.0	124.6	232,000
	30	79.0	124.2	212,800
120	32	78.1	123.7	193,400
	34	77.1	123.2	177,000
	36	76.1	122.7	163,100
	38	75.1	122.1	151,000
	40	74.1	121.5	140,500
120	45	71.6	119.8	119,400
	50	69.0	117.9	103,400
	55	66.4	115.7	90,800
	60	63.7	113.2	80,700
	65	61.0	110.4	72,400
	70	58.2	107.3	65,500
120	75	55.3	103.8	59,600
	80	52.3	99.9	54,500
	85	49.1	95.6	50,100
	90	45.8	90.8	46,300
	95	42.2	85.3	42,800
120	100	38.4	79.1	39,800
	105	34.3	71.9	37,100
	110	29.5	63.3	34,600
	115	23.9	52.7	32,400
130	24	82.6	135.5	253,600
	26	81.7	135.2	245,200
	28	80.8	134.8	228,400
	30	79.9	134.4	211,400
	32	79.0	134.0	193,300
130	34	78.1	133.5	176,900
	36	77.2	133.0	163,000
	38	76.3	132.5	150,900
	40	75.4	132.0	140,500
	45	73.0	130.4	119,300
130	50	70.7	128.6	103,300
	55	68.3	126.6	90,700
	60	65.9	124.4	80,600
	65	63.4	121.8	72,300
	70	60.9	119.0	65,400
	75	58.3	115.9	59,500
130	80	55.7	112.5	54,400
	85	52.9	108.7	50,000
	90	50.0	104.5	46,200
	95	47.0	99.9	42,800
	100	43.8	94.7	39,700
130	105	40.5	88.9	37,000
	110	36.8	82.3	34,500
	115	32.8	74.7	32,300
	120	28.3	65.8	30,200
	125	22.9	54.6	28,400
140	26	82.3	145.3	236,400
	28	81.5	145.0	224,000
	30	80.6	144.6	207,200
	32	79.8	144.2	192,800
	34	79.0	143.8	176,500
140	36	78.1	143.3	162,600
	38	77.3	142.8	150,500
	40	76.4	142.3	140,000
	45	74.3	140.9	118,800
	50	72.1	139.3	102,800
140	55	70.0	137.4	90,300
	60	67.7	135.4	80,100
	65	65.5	133.1	71,800
	70	63.2	130.5	64,900
	75	60.9	127.7	59,000
	80	58.5	124.6	53,900
140	85	56.0	121.2	49,500
	90	53.4	117.5	45,600
	95	50.8	113.4	42,200
	100	48.0	109.0	39,200
	105	45.2	104.0	36,400
140	110	42.1	98.5	34,000
	115	38.9	92.4	31,700
	120	35.4	85.5	29,700
	125	31.5	77.5	27,800
	130	27.2	68.1	26,100
140	135	22.0	56.5	24,500

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
150	26	82.8	155.4	218,500
	28	82.0	155.1	212,200
	30	81.3	154.8	204,200
	32	80.5	154.4	189,800
	34	79.7	154.0	176,200
	36	78.9	153.6	162,200
	38	78.1	153.1	150,200
	40	77.3	152.7	139,600
	45	75.4	151.3	118,500
	50	73.4	149.8	102,400
150	55	71.4	148.1	89,800
	60	69.3	146.2	79,700
	65	67.2	144.1	71,400
	70	65.1	141.7	64,400
	75	63.0	139.2	58,500
	80	60.8	136.4	53,500
150	85	58.6	133.3	49,000
	90	56.3	129.9	45,200
	95	53.9	126.3	41,800
	100	51.5	122.3	38,700
	105	48.9	117.9	36,000
150	100	46.3	113.2	33,500
	115	43.5	107.9	31,300
	120	40.6	102.2	29,200
	125	37.5	95.7	27,400
	130	34.1	88.5	25,700
150	135	30.4	80.1	24,100
	140	26.2	70.4	22,600
	145	21.2	58.3	21,300
160	28	82.5	165.2	203,400
	30	81.8	164.9	197,500
	32	81.1	164.6	186,400
	34	80.4	164.2	174,100
	36	79.6	163.8	161,800
160	38	78.9	163.4	149,700
	40	78.2	162.9	139,200
	45	76.3	161.7	118,000
	50	74.5	160.3	101,900
	55	72.6	158.7	89,300
	60	70.7	156.9	79,200
160	65	68.7	155.0	70,900
	70	66.8	152.8	63,900
	75	64.8	150.4	58,000
	80	62.8	147.8	52,900
	85	60.7	145.0	48,500
160	90	58.6	142.0	44,600
	95	56.5	138.6	41,200
	100	54.3	135.0	38,100
	105	52.0	131.1	35,400
	110	49.7	126.9	32,900
160	115	47.2	122.3	30,700
	120	44.7	117.2	28,700
	125	42.0	111.7	26,800
	130	39.2	105.7	25,100
	135	36.2	98.9	23,500
160	140	33.0	91.3	22,100
	145	29.4	82.7	20,700
	150	25.3	72.5	19,500
	155	20.5	60.0	18,300
170	30	82.3	175.0	187,300
	32	81.6	174.7	182,600
	34	80.9	174.4	172,300
	36	80.2	174.0	161,500
	38	79.6	173.6	149,500
170	40	78.9	173.2	139,000
	45	77.1	172.0	117,800
	50	75.4	170.7	101,700
	55	73.6	169.2	89,100
	60	71.9	167.5	79,000
	65	70.1	165.7	70,700
170	70	68.2	163.7	63,700
	75	66.4	161.5	57,800
	80	64.5	159.1	52,700
	85	62.6	156.5	48,300
	90	60.7	153.7	44,400
170	95	58.7	150.6	41,000
	100	56.7	147.3	37,900
	105	54.6	143.8	35,200
	110	52.5	139.9	32,700
	115	50.3	135.8	30,500
170	120	48.1	131.3	28,500
	125	45.7	126.5	26,600
	130	43.3	121.2	24,900
	135	40.7	115.4	23,300
	140	38.0	109.1	21,900
170	145	35.1	102.0	20,500
	150	31.9	94.1	19,300
	155	28.5	85.2	18,100
	160	24.5	74.6	17,000
	165	19.8	61.7	16,000

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
180	30	82.7	185.1	178,500
	32	82.1	184.8	174,000
	34	81.4	184.5	169,500
	36	80.8	184.2	158,700
	38	80.1	183.8	149,100
	40	79.5	183.4	138,600
	45	77.9	182.3	117,300
	50	76.2	181.1	101,300
	55	74.6	179.7	88,600
	60	72.9	178.1	78,500
	65	71.2	176.4	70,200
	70	69.5	174.5	63,200
	75	67.8	172.4	57,300
	80	66.1	170.2	52,200
	85	64.3	167.8	47,800
	90	62.5	165.2	43,900
	95	60.7	162.3	40,500
	100	58.8	159.3	37,400
	105	56.9	156.0	34,700
	110	55.0	152.5	32,200
115	53.0	148.7	30,000	
120	50.9	144.7	27,900	
125	48.8	140.3	26,100	
130	46.6	135.6	24,400	
135	44.3	130.5	22,800	
140	42.0	125.0	21,300	
145	39.5	118.9	20,000	
150	36.8	112.3	18,700	
155	34.0	105.0	17,600	
160	31.0	96.9	16,500	
165	27.6	87.6	15,400	
170	23.8	76.7	14,500	
190	32	82.5	195.0	164,100
	34	81.9	194.6	160,300
	36	81.3	194.3	156,300
	38	80.7	194.0	146,900
	40	80.1	193.6	138,200
	45	78.5	192.6	116,900
	50	77.0	191.4	100,800
	55	75.4	190.1	88,200
	60	73.8	188.6	78,100
	65	72.2	187.0	69,700
	70	70.7	185.2	62,700
	75	69.0	183.3	56,800
	80	67.4	181.2	51,700
	85	65.7	178.9	47,300
	90	64.1	176.5	43,400
	95	62.4	173.8	40,000
	100	60.6	171.0	36,900
	105	58.9	168.0	34,200
	110	57.1	164.7	31,700
	115	55.2	161.2	29,500
120	53.4	157.5	27,400	
125	51.4	153.5	25,600	
130	49.4	149.2	23,900	
135	47.4	144.7	22,300	
140	45.3	139.7	20,800	
145	43.1	134.4	19,500	
150	40.8	128.6	18,200	
155	38.4	122.4	17,100	
160	35.8	115.5	16,000	
165	33.1	107.9	15,000	
170	30.1	99.5	14,000	
175	26.8	89.9	13,100	
180	23.1	78.7	12,200	
200	32	82.9	205.1	154,200
	34	82.3	204.8	150,700
	36	81.7	204.4	147,100
	38	81.1	204.1	143,500
	40	80.6	203.8	136,900
	45	79.1	202.8	116,500
	50	77.6	201.7	100,400
	55	76.2	200.4	87,700
	60	74.7	199.0	77,600
	65	73.2	197.5	69,200
	70	71.7	195.8	62,200
	75	70.1	194.0	56,300
	80	68.6	192.0	51,200
	85	67.0	189.9	46,700
	90	65.5	187.6	42,900
	95	63.9	185.1	39,400
	100	62.2	182.5	36,400
	105	60.6	179.7	33,600
	110	58.9	176.6	31,200
	115	57.2	173.4	28,900
120	55.5	170.0	26,900	
125	53.7	166.3	25,000	
130	51.9	162.4	23,300	
135	50.0	158.2	21,700	
140	48.1	153.7	20,300	
145	46.1	148.9	18,900	
150	44.0	143.7	17,700	
155	41.9	138.2	16,500	
160	39.7	132.2	15,400	
165	37.3	125.7	14,400	
170	34.8	118.6	13,400	
175	32.2	110.8	12,500	
180	29.3	102.0	11,700	
185	26.1	92.1	10,900	
190	22.5	80.6	10,100	

LIFTCRANE CAPACITIES — 4100W SERIES 2

BOOM NO. 22A WITH HAMMERHEAD TOP, CONT'D

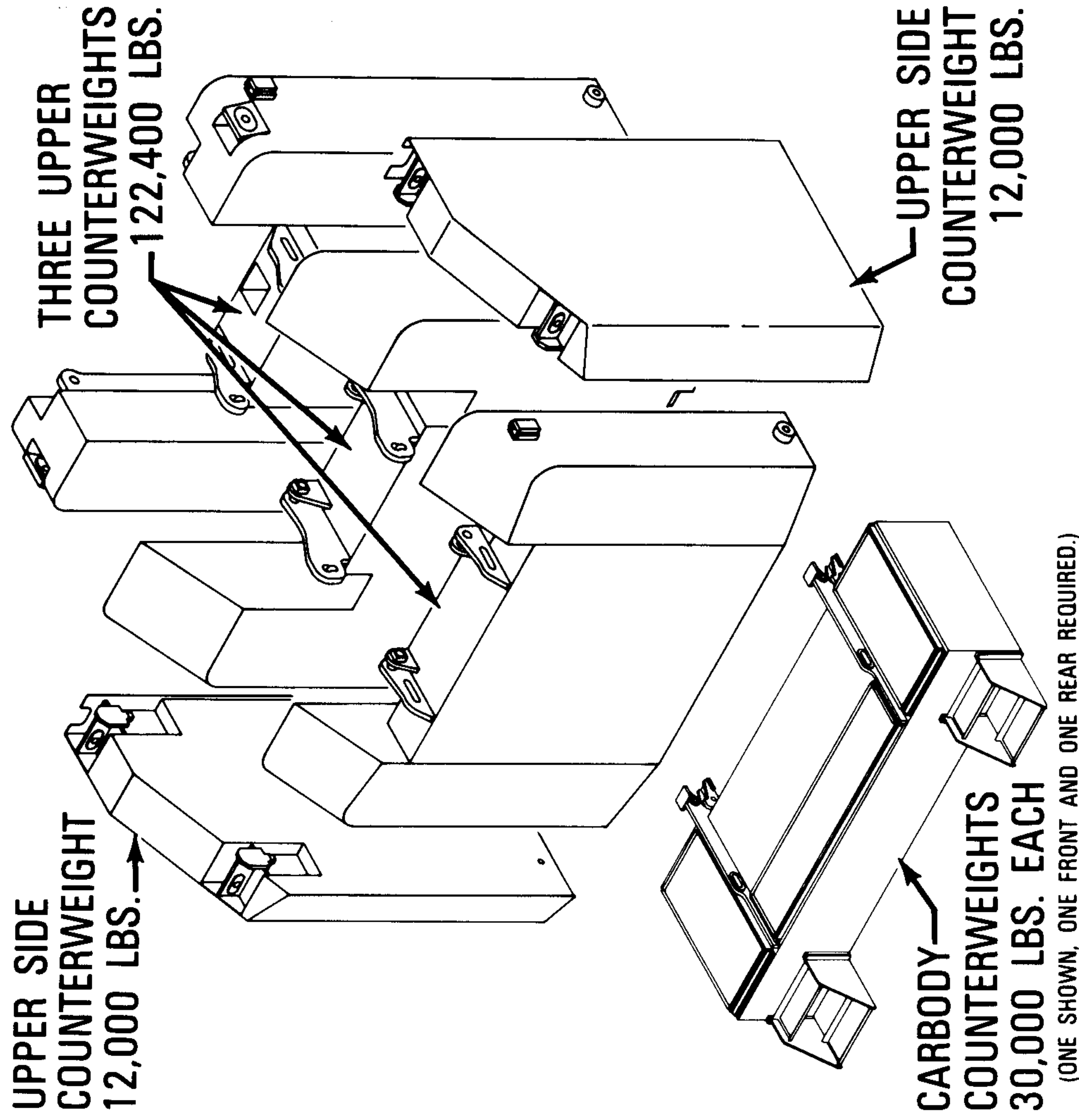
SEE CONDITIONS

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended	Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Ang.: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
230	36	82.8	234.8	123,600	250	40	82.5	254.4	105,200
	38	82.3	234.5	120,800		45	81.3	253.6	99,300
	40	81.8	234.2	118,000		50	80.1	252.8	93,400
	45	80.5	233.3	111,100		55	79.0	251.8	85,700
	50	79.3	232.4	99,200		60	77.8	250.7	75,500
	55	78.0	231.3	86,500		65	76.6	249.5	67,200
	60	76.7	230.1	76,300		70	75.4	248.2	60,100
	65	75.4	228.8	68,000		75	74.2	246.7	54,200
	70	74.1	227.4	61,000		80	73.0	245.2	49,100
	75	72.8	225.8	55,000		85	71.8	243.5	44,600
	80	71.5	224.1	49,900		90	70.6	241.8	40,700
	85	70.2	222.3	45,500		95	69.4	239.9	37,300
	90	68.8	220.3	41,600		100	68.2	237.9	34,200
	95	67.5	218.3	38,100		105	66.9	235.7	31,500
	100	66.1	216.0	35,100		110	65.7	233.4	29,000
	105	64.8	213.7	32,300		115	64.4	231.0	26,700
	110	63.4	211.1	29,800		120	63.1	228.5	24,700
	115	62.0	208.5	27,600		125	61.8	225.8	22,800
	120	60.5	205.6	25,600		130	60.5	222.9	21,100
	125	59.1	202.6	23,700		135	59.1	220.0	19,500
240	130	57.6	199.4	22,000	260	140	57.8	216.8	18,100
	135	56.1	196.1	20,400		145	56.4	213.5	16,700
	140	54.6	192.5	18,900		150	55.0	210.0	15,500
	145	53.0	188.7	17,600		155	53.6	206.3	14,300
	150	51.4	184.7	16,300		160	52.1	202.4	13,200
	155	49.8	180.5	15,200		165	50.7	198.3	12,200
	160	48.1	176.0	14,100		170	49.1	194.0	11,200
	165	46.4	171.3	13,100		175	47.6	189.4	10,300
	170	44.6	166.2	12,100		180	46.0	184.6	9,500
	175	42.8	160.8	11,200		185	44.4	179.5	8,600
	180	40.9	155.1	10,300		190	42.7	174.1	7,800
	185	38.9	148.9	9,500		195	40.9	168.3	6,900
	190	36.8	142.3	8,800		200	39.1	162.2	6,100
	195	34.7	135.2	8,100		205	37.2	155.7	5,300
	200	32.4	127.4	7,300		210	35.3	148.7	4,500
	205	29.9	118.8	6,500		40	82.8	264.5	99,000
	210	27.2	109.3	5,800		45	81.6	263.8	93,500
250	38	82.6	244.6	114,000		50	80.5	262.9	88,100
	40	82.1	244.3	111,400		55	79.4	262.0	82,700
	45	80.9	243.5	105,000		60	78.3	260.9	75,100
	50	79.7	242.6	98,700		65	77.1	259.8	66,700
	55	78.5	241.5	86,100		70	76.0	258.5	59,600
	60	77.3	240.4	75,900		75	74.9	257.1	53,700
	65	76.0	239.1	67,500		80	73.7	255.7	48,600
	70	74.8	237.8	60,500		85	72.6	254.1	44,100
	75	73.6	236.3	54,500		90	71.4	252.4	40,200
	80	72.3	234.7	49,400		95	70.2	250.6	36,700
	85	71.0	232.9	44,900		100	69.0	248.6	33,700
	90	69.8	231.1	41,000		105	67.9	246.6	30,900
	95	68.5	229.1	37,600		110	66.7	244.4	28,400
	100	67.2	227.0	34,500		115	65.4	242.1	26,200
	105	65.9	224.7	31,800		120	64.2	239.7	24,100
	110	64.6	222.3	29,300		125	63.0	237.2	22,300
	115	63.2	219.8	27,000		130	61.7	234.5	20,600
	120	61.9	217.1	25,000		135	60.5	231.6	19,000
	125	60.5	214.3	23,100		140	59.2	228.6	17,500
	130	59.1	211.3	21,400		145	57.9	225.5	16,200
260	135	57.7	208.1	19,800		150	56.6	222.2	14,900
	140	56.3	204.8	18,400		155	55.2	218.7	13,700
	145	54.8	201.2	17,000		160	53.8	215.0	12,600
	150	53.3	197.5	15,800		165	52.5	211.2	11,600
	155	51.8	193.6	14,600		170	51.0	207.1	10,600
	160	50.2	189.4	13,500		175	49.6	202.9	9,700
	165	48.6	185.0	12,500		180	48.1	198.4	8,900
	170	47.0	180.4	11,500		185	46.6	193.7	7,900
	175	45.3	175.4	10,600		190	45.0	188.7	7,000
	180	43.6	170.2	9,800		195	43.4	183.4	6,100
	185	41.8	164.6	9,000		200	41.8	177.9	5,300
	190	40.0	158.7	8,200		205	40.1	172.0	4,500
	195	38.0	152.4	7,300					
	200	36.0	145.5	6,500					
	205	33.9	138.2	5,700					
	210	31.6	130.2	5,000					

CAUTION

BOTH CARBODY COUNTERWEIGHTS MUST ALWAYS BE ATTACHED TO CARBODY BEFORE ATTACHING THE UPPER SIDE COUNTERWEIGHTS TO THE UPPER COUNTERWEIGHTS. LIKEWISE, THE UPPER SIDE COUNTERWEIGHTS MUST BE REMOVED FROM THE UPPER COUNTERWEIGHTS BEFORE REMOVING THE CARBODY COUNTERWEIGHTS. NEVER OPERATE THE MACHINE WITH UPPER SIDE COUNTERWEIGHTS IN PLACE UNLESS BOTH CARBODY COUNTERWEIGHTS ARE ALSO IN PLACE.

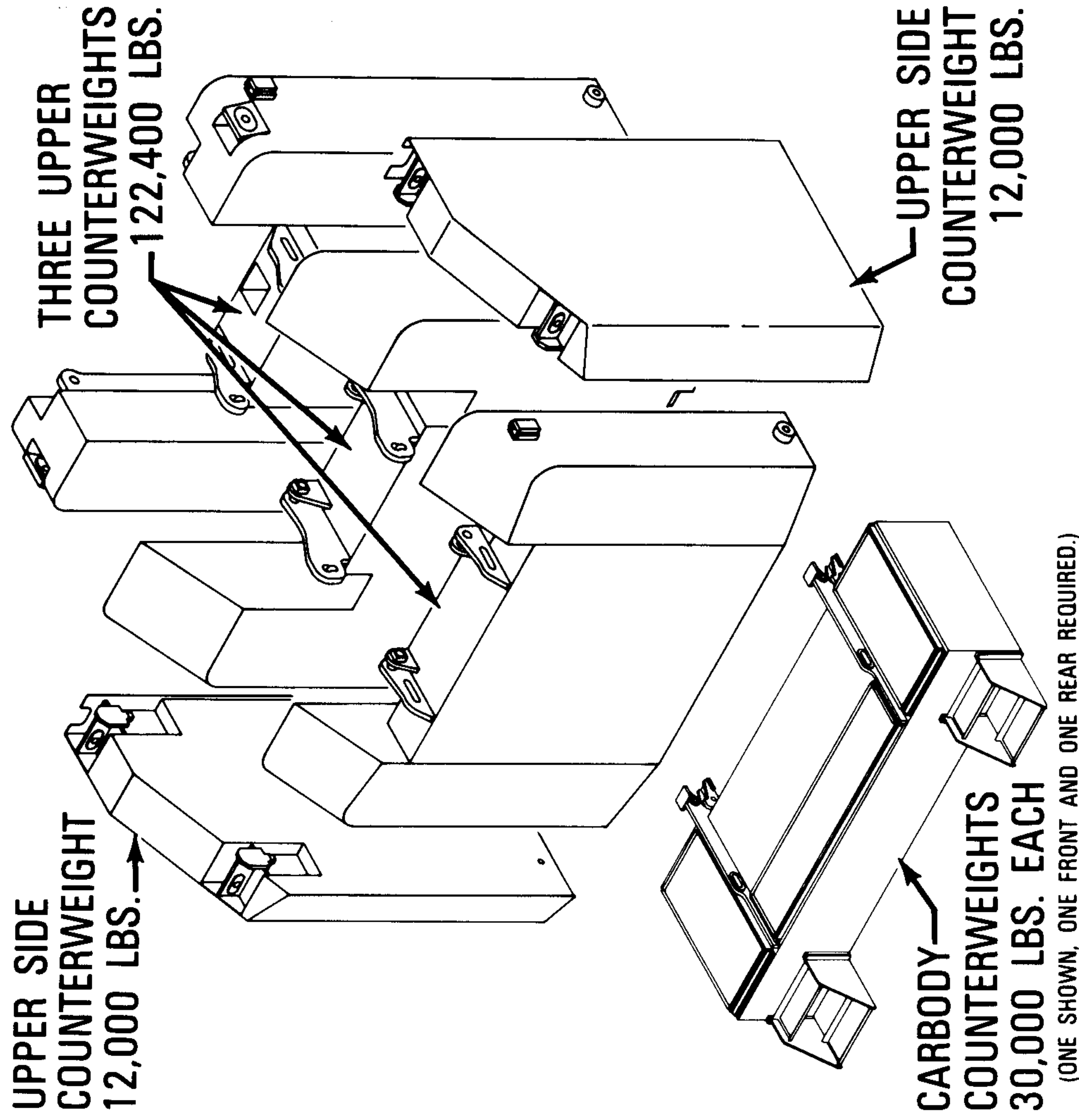
4100W SERIES 2



CAUTION

BOTH CARBODY COUNTERWEIGHTS MUST ALWAYS BE ATTACHED TO CARBODY BEFORE ATTACHING THE UPPER SIDE COUNTERWEIGHTS TO THE UPPER COUNTERWEIGHTS. LIKEWISE, THE UPPER SIDE COUNTERWEIGHTS MUST BE REMOVED FROM THE UPPER COUNTERWEIGHTS BEFORE REMOVING THE CARBODY COUNTERWEIGHTS. NEVER OPERATE THE MACHINE WITH UPPER SIDE COUNTERWEIGHTS IN PLACE UNLESS BOTH CARBODY COUNTERWEIGHTS ARE ALSO IN PLACE.

4100W SERIES 2



JIB LIFTING CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W
SERIES-2

**JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22A WITH HAMMERHEAD TOP
26'6" CRAWLERS — EXTENDED**

10 DEGREE JIB OFFSET ANGLE

Chart supplements boom capacity chart No. 6961-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, travel, 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 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. Maximum capacity on 1 1/8" — 6 x 31 IPS, IWRC is 28,300 lbs./line. Refer to jib assembly No. 43730.

30 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS														JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET														
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	
90 *	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	90 *
95	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	39,800	39,300	95
100	40,000	40,000	40,000	40,000	40,000	40,000	39,900	39,700	39,100	38,600	38,100	37,700	37,200	36,700	36,200	100
105	39,600	39,000	38,800	38,200	37,700	37,200	36,900	36,300	35,900	35,300	35,000	34,400	33,900	33,400	33,400	105
110	37,200	36,600	36,300	35,800	35,300	34,700	34,400	33,900	33,400	32,800	32,500	31,900	31,400	30,900	30,900	110
115	34,900	34,300	34,100	33,500	33,000	32,400	32,200	31,600	31,100	30,500	30,200	29,700	29,200	28,600	28,600	115
120		32,300	32,000	31,500	31,000	30,400	30,100	29,500	29,000	28,500	28,200	27,600	27,100	26,600	26,600	120
125		30,400	30,200	29,600	29,100	28,500	28,200	27,700	27,200	26,600	26,300	25,700	25,200	24,700	24,700	125
130				28,500	27,900	27,400	26,800	26,500	25,900	25,400	24,900	24,600	24,000	23,500	22,900	130
140					24,800	24,300	23,700	23,500	22,900	22,400	21,800	21,500	20,900	20,400	19,900	140
150						21,700	21,100	20,800	20,300	19,800	19,200	18,900	18,300	17,800	17,200	150
160								18,600	18,000	17,500	16,900	16,600	16,000	15,500	14,900	160
170									16,000	15,500	14,900	14,600	14,000	13,500	12,900	170
180										13,700	13,100	12,800	12,200	11,700	11,200	180
190												11,200	10,700	10,100	9,600	190
200													9,200	8,700	8,200	200

40 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS														JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET														
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	
	110 *	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	110 *
	115	29,400	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	29,800	29,200	115
	120	28,400	29,800	30,000	30,000	30,000	30,000	30,000	30,000	29,600	29,000	28,700	28,200	27,700	27,200	120
	125		28,800	30,000	30,000	29,600	29,000	28,700	28,200	27,700	27,100	26,800	26,300	25,800	25,200	125
	130		27,900	28,900	28,300	27,800	27,300	27,000	26,400	25,900	25,400	25,100	24,500	24,000	23,500	130
	135			27,300	26,700	26,200	25,700	25,400	24,800	24,300	23,800	23,500	22,900	22,400	21,900	135
	140			25,800	25,300	24,800	24,200	23,900	23,400	22,900	22,300	22,000	21,400	20,900	20,400	140
145				23,900	23,400	22,800	22,500	22,000	21,500	20,900	20,600	20,100	19,600	19,000	145	
150					22,100	21,500	21,300	20,700	20,200	19,600	19,300	18,800	18,300	17,700	150	
160						19,200	19,000	18,400	17,900	17,300	17,000	16,500	16,000	15,400	160	
170							16,900	16,400	15,900	15,300	15,000	14,400	13,900	13,400	170	
180								14,100	13,500	13,200	12,600	12,100	11,600	11,100	180	
190										11,900	11,600	11,100	10,500	10,000	190	
200											10,200	9,600	9,100	8,600	200	

50 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS														JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET														
		110	120	130	140	150	160	170	180	190	200	210	220	230		
	130 *	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		130 *
	135		20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		135
	140		20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		140
	145			20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		145
	150				20,000	20,000	20,000	20,000	20,000	20,000	20,000	19,800	19,300	18,800		150
	155				20,000	20,000	20,000	20,000	20,000	19,500	18,900	18,600	18,100	17,600		155
	160					20,000	19,700	19,400	18,800	18,400	17,800	17,500	16,900	16,400		160
165						18,600	18,300	17,800	17,300	16,700	16,400	15,900	15,400		165	
170						17,600	17,400	16,800	16,300	15,800	15,400	14,900	14,400		170	
180								15,000	14,500	14,000	13,600	13,100	12,600		180	
190									12,900	12,300	12,000	11,500	11,000		190	
200										10,900	10,600	10,000	9,500		200	

60 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS														JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET														
		110	120	130	140	150	160	170	180	190	200	210	220	230		
	140 *	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000		140 *
	145		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000		145
	150			10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000		150
	155				10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000		155
	160					10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000		160
	170						10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000		170
	180							10,000	10,000	10,000	10,000	10,000	10,000	10,000		180
	190								10,000	10,000	10,000	10,000	10,000	10,000		190
	200									10,000	10,000	10,000	10,000	9,800		200
	210										9,900	9,500	9,000	8,500		210

* These capacities apply for ALL lesser radii obtainable.

JIB LIFTING CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS**4100W**
SERIES-2**JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22A WITH HAMMERHEAD TOP
26'6" CRAWLERS — EXTENDED****20 DEGREE JIB OFFSET ANGLE**

Chart supplements boom capacity chart No. 6961-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, travel, 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 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. Maximum capacity on 1 1/8" — 6 x 31 IPS, IWRC is 28,300 lbs./line. Refer to jib assembly No. 43730.

30 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS														JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET														
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	
	70 *	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	70 *
	75	38,800	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	75
	80	37,300	38,700	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	80
	85	35,800	37,200	38,500	39,800	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	85
	90	34,400	35,800	37,100	38,400	39,600	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	90
	95	33,200	34,600	35,800	37,100	38,200	39,400	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	95
	100	32,100	33,400	34,700	35,900	37,000	38,100	39,200	39,700	39,200	38,700	38,400	37,900	37,500	37,000	100
	105	31,100	32,300	33,600	34,800	35,900	37,000	37,400	36,900	36,400	35,900	35,600	35,100	34,600	34,100	105
	110		31,400	32,600	33,700	34,800	35,100	34,900	34,400	33,900	33,400	33,100	32,600	32,100	31,600	110
	115			31,600	32,800	33,400	32,800	32,600	32,100	31,600	31,100	30,800	30,300	29,800	29,300	115
	120			30,800	31,800	31,300	30,800	30,500	30,000	29,500	29,000	28,700	28,200	27,700	27,200	120
	130					27,700	27,100	26,900	26,300	25,800	25,300	25,000	24,500	24,000	23,500	130
	140						24,000	23,800	23,200	22,700	22,200	21,900	21,400	20,900	20,300	140
	150								20,500	20,100	19,500	19,200	18,700	18,200	17,700	150
	160									17,700	17,200	16,900	16,300	15,900	15,300	160
	170											14,800	14,300	13,800	13,300	170

40 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS														JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET														
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	
75 *	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	75 *
80	28,800	29,800	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	80
85	27,700	28,700	29,600	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	85
90	26,700	27,600	28,500	29,300	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	90
95	25,700	26,700	27,500	28,400	29,200	29,900	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	95
100	24,900	25,800	26,600	27,500	28,200	29,000	29,700	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	100
110	23,800	24,200	25,000	25,800	26,600	27,300	28,000	28,700	29,400	30,000	30,000	30,000	30,000	30,000	30,000	110
120			23,700	24,400	25,200	25,900	26,600	27,200	27,900	28,500	29,100	28,900	28,400	27,900		120
130				23,200	23,900	24,600	25,300	25,900	26,500	25,900	25,700	25,100	24,700	24,200		130
140						23,500	24,100	23,800	23,300	22,800	22,500	22,000	21,500	21,000		140
150							21,600	21,100	20,600	20,100	19,800	19,300	18,800	18,300		150
160									18,300	17,700	17,400	16,900	16,400	15,900		160
170										15,700	15,400	14,800	14,400	13,800		170
180												13,000	12,500	12,000		180

50 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS														JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET														
		110	120	130	140	150	160	170	180	190	200	210	220	230		
	105 *	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		105 *
	110	19,500	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		110
	115	18,900	19,800	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		115
	120	18,400	19,000	19,700	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		120
	125		18,500	19,100	19,700	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		125
	130			18,600	19,200	19,800	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		130
	135				18,700	19,300	19,800	20,000	20,000	20,000	20,000	20,000	20,000	20,000		135
140				18,300	18,800	19,300	19,900	20,000	20,000	20,000	20,000	20,000	20,000		140	
150						18,500	19,000	19,500	19,900	20,000	20,000	19,900	19,400		150	
160								18,700	18,800	18,300	18,000	17,500	17,000		160	
170									16,700	16,200	15,900	15,400	14,900		170	
180											14,000	13,500	13,100		180	

60 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS														JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET														
		110	120	130	140	150	160	170	180	190	200	210	220	230		
	130 *	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000		130 *
	135		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000		135
	140			10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000		140
	145				10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000		145
	150					10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000		150
	155					10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000		155
	160						10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000		160
170								10,000	10,000	10,000	10,000	10,000	10,000		170	
180									10,000	10,000	10,000	10,000	10,000		180	
190											10,000	10,000	10,000		190	

* These capacities apply for ALL lesser radii obtainable.

LIFT CRANE CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W
SERIES 2
CRAWLER

BOOM NO. 22A WITH LIGHT TAPERED TOP
146,400 LB. CRANE COUNTERWEIGHT
60,000 LB. CARBODY COUNTERWEIGHT
26'6" CRAWLERS EXTENDED

WARNING: This chart will apply only when two 12,000 lb. side ctwts. and two 30,000 lb. carbody ctwts. bear MEC registered Serial Numbers.

LIFTING CAPACITIES: Capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are shown by shaded areas.

Upper boom point capacity for single part whip line is 28,300 lbs. In all cases, upper boom capacities cannot exceed those listed for the main boom capacity.

Capacities are shown in pounds. Weight of upper boom point, jib, (see chart A), all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib point sheaves, is considered part of the main boom load. Boom is 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.

OPERATING CONDITIONS: Machine to operate in a level position on a firm surface with crawlers fully extended and gantry in working position and be rigged in accordance with and under conditions referred to in rigging drawing No. 50935 and load line specification chart No. 6670-A.

Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation.

OPERATING RADIUS: Operating radius is the horizontal distance from the axis of rotation to the center of vertical hoist line or load block with the load freely suspended. Add 14" to boom point radius for radius of sheave when using single part hoist line.

Boom angle is the angle between horizontal and centerline of boom butt and inserts and is an indication of operating radius. In all cases, operating radius shall govern capacity.

BOOM POINT ELEVATION: Boom point elevation, in feet, is the vertical distance from ground level to centerline of boom

point shaft.

MACHINE EQUIPMENT: Machine equipped with 26'6" extendible crawlers, 48" treads, 17' retractable gantry, 12 part boom hoist reeving, four 1-3/8" boom pendants, 1st ctwt. 41,900 lbs., 2nd ctwt. 41,500 lbs., 3rd ctwt. 39,000 lbs., two 12,000 lbs. side ctwt's. and two 30,000 lbs. carbody ctwt's.

HOIST REEVEING FOR MAIN LOAD BLOCK						
No. Parts of Line	1	2	3	4	5	6
Max. Load — Lbs.	32,500	65,000	97,500	130,000	162,500	195,000
No. Parts of Line	7	8				
Max. Load — Lbs.	227,500	260,000				

LOAD AND WHIP LINE SPECIFICATIONS	
LOAD LINE: 1½" — 6x31 Warrington-Seale, Extra Improved Plow Steel, Regular Lay, IWRC. Minimum Breaking Strength 65 Ton. Approx. Weight Per Ft. in lbs. 2.34.	
WHIP LINE: 1½" — 6x31 Warrington-Seale, Improved Plow Steel, Regular Lay, IWRC. Minimum Breaking Strength 56.5 Ton. Maximum Load — 28,300 lbs. Per Line. Approx. Weight Per Ft. in lbs. 2.34.	

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED				(A) DEDUCT FROM CAPACITIES WHEN JIB IS ATTACHED	
OVER FRONT OF CRAWLERS		OVER SIDE OF EXTENDED CRAWLERS			
Bm. Lgth.	Jib No. 123	Bm. Lgth.	Jib No. 123	Jib Lgth.	Jib No. 123
280'	—	280'	—	30'	2,500 lb.
270'	30'	270'	30'	40'	3,000 lb.
260'	50'	260'	50'	50'	3,700 lb.
250'	60'	250'	60'	60'	4,400 lb.
Load block, hook and weight ball on ground at start. Upper boom point cannot be used on 280' boom.					

**DEDUCT FROM CAPACITIES
WHEN UPPER BOOM POINT
IS ATTACHED**

One Sheave Point 1,100 lb.

For jib capacities, consult jib chart.

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended	Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
110	22	80.6	115.5	260,000	120	24	80.4	125.3	260,000
	24	79.5	115.2	260,000		26	79.4	125.0	260,000
	26	78.5	114.8	260,000		28	78.5	124.6	239,400
	28	77.4	114.4	239,900		30	77.5	124.2	216,000
	30	76.3	113.9	216,500		32	76.5	123.7	196,600
	32	75.3	113.4	197,200		34	75.5	123.2	180,300
	34	74.2	112.8	180,900		36	74.5	122.7	166,400
	36	73.1	112.2	167,000		38	73.5	122.1	154,500
	38	72.0	111.6	155,000		40	72.5	121.5	144,000
	40	70.9	110.9	144,600		45	70.0	119.8	123,000
100	45	68.1	109.1	123,600	110	50	67.5	117.8	107,000
	50	65.3	106.9	107,700		55	64.8	115.6	94,500
	55	62.4	104.5	95,200		60	62.2	113.1	84,500
	60	59.4	101.7	85,200		65	59.4	110.3	76,200
	65	56.3	98.5	76,900		70	56.6	107.2	69,300
	70	53.1	95.0	70,000		75	53.7	103.7	63,500
	75	49.8	91.0	64,100		80	50.7	99.9	58,400
	80	46.3	86.5	59,100		85	47.5	95.5	54,000
	85	42.6	81.4	54,700		90	44.2	90.7	50,200
	90	38.6	75.6	50,900		95	40.7	85.2	46,800
90	95	34.2	68.8	47,500	100	100	36.9	79.0	43,800
	100	29.2	60.7	44,500		105	32.7	71.8	41,100
	105	23.3	50.6	41,800		110	28.0	63.3	38,600
						115	22.3	52.6	36,400
	110	15.5	36.4	37,700					

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended	Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
130	26	80.3	135.1	248,200	140	28	80.1	144.9	233,000
	28	79.4	134.8	237,900		30	79.3	144.6	215,000
	30	78.5	134.4	215,400		32	78.5	144.2	195,600
	32	77.6	134.0	196,000		34	77.6	143.8	179,300
	34	76.7	133.5	179,700		36	76.8	143.3	165,400
	36	75.7	133.0	165,800		38	75.9	142.8	153,400
	38	74.8	132.5	153,900		40	75.1	142.3	143,000
	40	73.9	131.9	143,400		45	73.0	140.9	121,900
	45	71.6	130.4	122,300		50	70.8	139.2	105,900
	50	69.3	128.6	106,400		55	68.6	137.4	93,400
140	55	66.9	126.6	93,900	150	60	66.4	135.3	83,400
	60	64.5	124.3	83,800		65	64.2	133.0	75,100
	65	62.0	121.8	75,500		70	61.9	130.5	68,200
	70	59.5	119.0	68,600		75	59.5	127.7	62,300
	75	56.9	115.9	62,800		80	57.1	124.6	57,300
	80	54.2	112.5	57,700		85	54.6	121.2	52,900
	85	51.5	108.7	53,300		90	52.1	117.5	49,000
	90	48.6	104.5	49,500		95	49.5	113.4	45,600
	95	45.6	99.8	46,100		100	46.7	108.9	42,600
	100	42.4	94.7	43,100		105	43.8	104.0	39,900
150	105	39.0	88.9	40,400	160	110	40.8	98.5	37,400
	110	35.4	82.3	37,900		115	37.5	92.3	35,200
	115	31.4	74.7	35,700		120	34.0	85.4	33,200
	120	26.8	65.7	33,700		125	30.2	77.4	31,400
	125	21.4	54.5	31,900		130	25.8	68.0	29,700
						135	20.7	56.4	28,100

**CAUTION! CHECK AMOUNT OF COUNTERWEIGHT
ON MACHINE BEFORE USE OF THIS CHART.**

Capacities continued

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
150	28	80.8	155.1	217,300
	30	80.0	154.7	212,100
	32	79.2	154.4	195,100
	34	78.5	154.0	178,800
	36	77.7	153.6	164,900
	38	76.9	153.1	152,900
	40	76.1	152.6	142,400
	45	74.1	151.3	121,300
	50	72.1	149.8	105,300
	55	70.1	148.1	92,800
	60	68.1	146.2	82,800
	65	66.0	144.0	74,500
	70	63.9	141.7	67,600
	75	61.7	139.1	61,700
	80	59.6	136.3	56,600
160	85	57.3	133.3	52,200
	90	55.0	129.9	48,400
	95	52.7	126.2	45,000
	100	50.2	122.3	42,000
	105	47.7	117.9	39,300
	110	45.0	113.1	36,800
	115	42.3	107.9	34,600
	120	39.3	102.1	32,600
	125	36.2	95.7	30,700
	130	32.9	88.4	29,000
	135	29.2	80.1	27,500
	140	25.0	70.3	26,100
	145	19.9	58.2	24,700
	30	80.6	164.9	203,800
	32	79.9	164.5	194,200
170	34	79.2	164.2	178,400
	36	78.5	163.8	164,500
	38	77.7	163.4	152,500
	40	77.0	162.9	142,000
	45	75.2	161.7	120,900
	50	73.3	160.3	104,900
	55	71.4	158.7	92,400
	60	69.5	156.9	82,300
	65	67.6	154.9	74,000
	70	65.6	152.8	67,100
	75	63.7	150.4	61,200
	80	61.6	147.8	56,100
	85	59.6	145.0	51,800
	90	57.5	141.9	47,900
	95	55.3	138.6	44,500
180	100	53.1	135.0	41,500
	105	50.9	131.1	38,800
	110	48.5	126.9	36,300
	115	46.1	122.2	34,100
	120	43.5	117.2	32,100
	125	40.9	111.7	30,200
	130	38.0	105.6	28,500
	135	35.0	98.9	27,000
	140	31.8	91.3	25,600
	145	28.2	82.6	24,200
	150	24.1	72.5	23,000
	155	19.3	59.9	21,800
	32	80.5	174.7	189,400
	34	79.8	174.3	178,100
	36	79.2	174.0	164,200
190	38	78.5	173.6	152,100
	40	77.8	173.1	141,700
	45	76.0	172.0	120,600
	50	74.3	170.7	104,600
	55	72.5	169.2	92,000
	60	70.8	167.5	82,000
	65	69.0	165.7	73,700
	70	67.2	163.7	66,700
	75	65.3	161.5	60,900
	80	63.4	159.1	55,800
	85	61.5	156.5	51,400
	90	59.6	153.6	47,600
	95	57.6	150.6	44,200
	100	55.6	147.3	41,100
	105	53.6	143.7	38,400
200	110	51.4	139.9	36,000
	115	49.2	135.8	33,700
	120	47.0	131.3	31,700
	125	44.6	126.4	29,900
	130	42.2	121.1	28,200
	135	39.6	115.4	26,600
	140	36.9	109.0	25,200
	145	34.0	102.0	23,900
	150	30.8	94.1	22,600
	155	27.3	85.1	21,500
	160	23.4	74.6	20,400
	165	18.7	61.6	19,400

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
180	34	80.4	184.5	176,500
	36	79.8	184.1	163,700
	38	79.1	183.8	151,700
	40	78.5	183.4	141,200
	45	76.8	182.3	120,100
	50	75.2	181.0	104,100
	55	73.5	179.6	91,600
	60	71.9	178.1	81,500
	65	70.2	176.4	73,200
	70	68.5	174.5	66,300
	75	66.8	172.4	60,400
	80	65.0	170.2	55,300
	85	63.3	167.8	50,900
	90	61.5	165.1	47,100
	95	59.6	162.3	43,700
190	100	57.8	159.3	40,600
	105	55.9	156.0	37,900
	110	53.9	152.5	35,500
	115	51.9	148.7	33,300
	120	49.9	144.6	31,200
	125	47.8	140.3	29,400
	130	45.6	135.6	27,700
	135	43.3	130.5	26,100
	140	40.9	124.9	24,700
	145	38.4	118.9	23,400
	150	35.8	112.3	22,100
	155	33.0	105.0	21,000
	160	29.9	96.8	19,900
	165	26.6	87.5	18,900
	170	22.7	76.6	17,900
200	175	18.2	63.2	16,800
	36	80.3	194.3	162,700
	38	79.7	193.9	151,200
	40	79.1	193.6	140,700
	45	77.5	192.5	119,600
	50	76.0	191.4	103,600
	55	74.4	190.0	91,000
	60	72.9	188.6	80,900
	65	71.3	186.9	72,600
	70	69.7	185.2	65,700
	75	68.1	183.2	59,800
	80	66.4	181.1	54,700
	85	64.8	178.9	50,300
	90	63.1	176.4	46,500
	95	61.4	173.8	43,100
210	100	59.7	171.0	40,000
	105	57.9	167.9	37,300
	110	56.1	164.7	34,900
	115	54.3	161.2	32,600
	120	52.4	157.5	30,600
	125	50.4	153.5	28,800
	130	48.5	149.2	27,100
	135	46.4	144.6	25,500
	140	44.3	139.7	24,100
	145	42.1	134.4	22,700
	150	39.8	128.6	21,500
	155	37.4	122.3	20,400
	160	34.8	115.5	19,300
	165	32.1	107.9	18,300
	170	29.1	99.4	17,300
220	175	25.8	89.8	16,400
	180	22.1	78.6	15,600
	185	17.7	64.8	14,100
	36	80.8	204.4	155,000
	38	80.2	204.1	150,800
	40	79.6	203.7	140,300
	45	78.2	202.8	119,100
	50	76.7	201.6	103,100
	55	75.2	200.4	90,500
	60	73.7	199.0	80,400
	65	72.2	197.5	72,100
	70	70.7	195.8	65,200
	75	69.2	194.0	59,300
	80	67.7	192.0	54,200
	85	66.1	189.9	49,800
230	90	64.5	187.6	46,000
	95	62.9	185.1	42,600
	100	61.3	182.5	39,500
	105	59.7	179.6	36,800
	110	58.0	176.6	34,400
	115	56.3	173.4	32,100
	120	54.5	169.9	30,100
	125	52.8	166.3	28,300
	130	50.9	162.3	26,600
	135	49.1	158.1	25,000
	140	47.2	153.6	23,600
	145	45.2	148.8	22,200
	150	43.1	143.7	21,000
	155	41.0	138.2	19,800
	160	38.7	132.2	18,800
240	165	36.4	125.7	17,800
	170	33.9	118.6	16,800
	175	31.2	110.7	15,900
	180	28.4	102.0	15,100
	185	25.2	92.1	14,300
	190	21.6	80.5	13,500
	195	17.3	66.3	11,800

	Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
210		38	80.7	214.2	144,600
		40	80.1	213.9	139,900
		45	78.7	213.0	118,700
		50	77.3	211.9	102,700
		55	75.9	210.7	90,100
		60	74.5	209.4	80,000
		65	73.1	208.0	71,700
		70	71.7	206.4	64,800
		75	70.2	204.6	58,900
		80	68.8	202.8	53,800
		85	67.3	200.8	49,400
		90	65.8	198.6	45,500
		95	64.3	196.3	42,100
		100	62.8	193.8	39,100
		105	61.3	191.1	36,400
		110	59.7	188.3	33,900
		115	58.1	185.3	31,700
		120	56.5	182.1	29,700
		125	54.8	178.6	27,800
		130	53.1	175.0	26,100
		135	51.4	171.1	24,600
		140	49.6	167.0	23,100
		145	47.8	162.6	21,800
		150	46.0	157.9	20,500
		155	44.0	152.9	19,400
	160	42.0	147.6	18,300	
	165	39.9	141.8	17,300	
	170	37.8	135.6	16,300	
	175	35.5	128.9	15,400	
	180	33.1	121.6	14,600	
	185	30.5	113.5	13,800	
	190	27.7	104.5	13,100	
	195	24.6	94.3	12,400	
	200	21.0	82.4	11,700	
	205	16.8	67.8	9,700	
220		40	80.6	224.0	134,900
		45	79.3	223.2	118,300
		50	77.9	222.1	102,200
		55	76.6	221.0	89,700
		60	75.3	219.8	79,600
		65	73.9	218.4	71,300
		70	72.5	216.9	64,300
		75	71.2	215.2	58,400
		80	69.8	213.5	53,300
		85	68.4	211.6	48,900
		90	67.0	209.5	45,100
		95	65.6	207.3	41,700
		100	64.1	205.0	38,600
		105	62.7	202.5	35,900
		110	61.2	199.8	33,500
		115	59.7	196.9	31,200
		120	58.2	193.9	29,200
		125	56.6	190.7	27,400
		130	55.1	187.3	25,700
		135	53.5	183.8	24,100
		140	51.8	179.9	22,700
		145	50.1	175.9	21,300
		150	48.4	171.6	20,100
		155	46.7	167.0	18,900
		160	44.8	162.1	17,800
	165	43.0	156.9	16,800	
	170	41.0	151.4	15,900	
	175	39.0	145.4	15,000	
	180	36.9	139.0	14,200	
	185	34.6	132.1	13,400	
	190	32.3	124.5	12,600	
	195	29.8	116.2	11,900	
	200	27.0	106.9	11,200	
	205	24.0	96.4	10,600	
	210	20.6	84.2	9,800	
	215	16.4	69.3	7,700	
230		45	79.7	233.3	117,700
		50	78.5	232.4	101,700
		55	77.2	231.3	89,100
		60	75.9	230.1	79,000
		65	74.6	228.8	70,700
		70	73.3	227.3	63,700
		75	72.0	225.8	57,800
		80	70.7	224.1	52,800
		85	69.4	222.3	48,400
		90	68.0	220.3	44,500
		95	66.7	218.2	41,100
		100	65.3	216.0	38,000
		105	64.0	213.6	35,300
		110	62.6	211.1	32,900
		115	61.1	208.4	30,600
		120	59.7	205.6	28,600
		125	58.3	202.6	26,800
		130	56.8	199.4	25,100
		135	55.3	196.1	23,500
		140	53.8	192.5	22,100
		145	52.2	188.7	20,700
		150	50.6	184.7	19,500
		155	49.0	180.5	18,300
		160	47.3	176.0	17,200
		165	45.6	171.3	16,200

LIFTCRANE CAPACITIES — 4100W SERIES 2
BOOM NO. 22A WITH LIGHT TAPERED TOP, CONT'D.

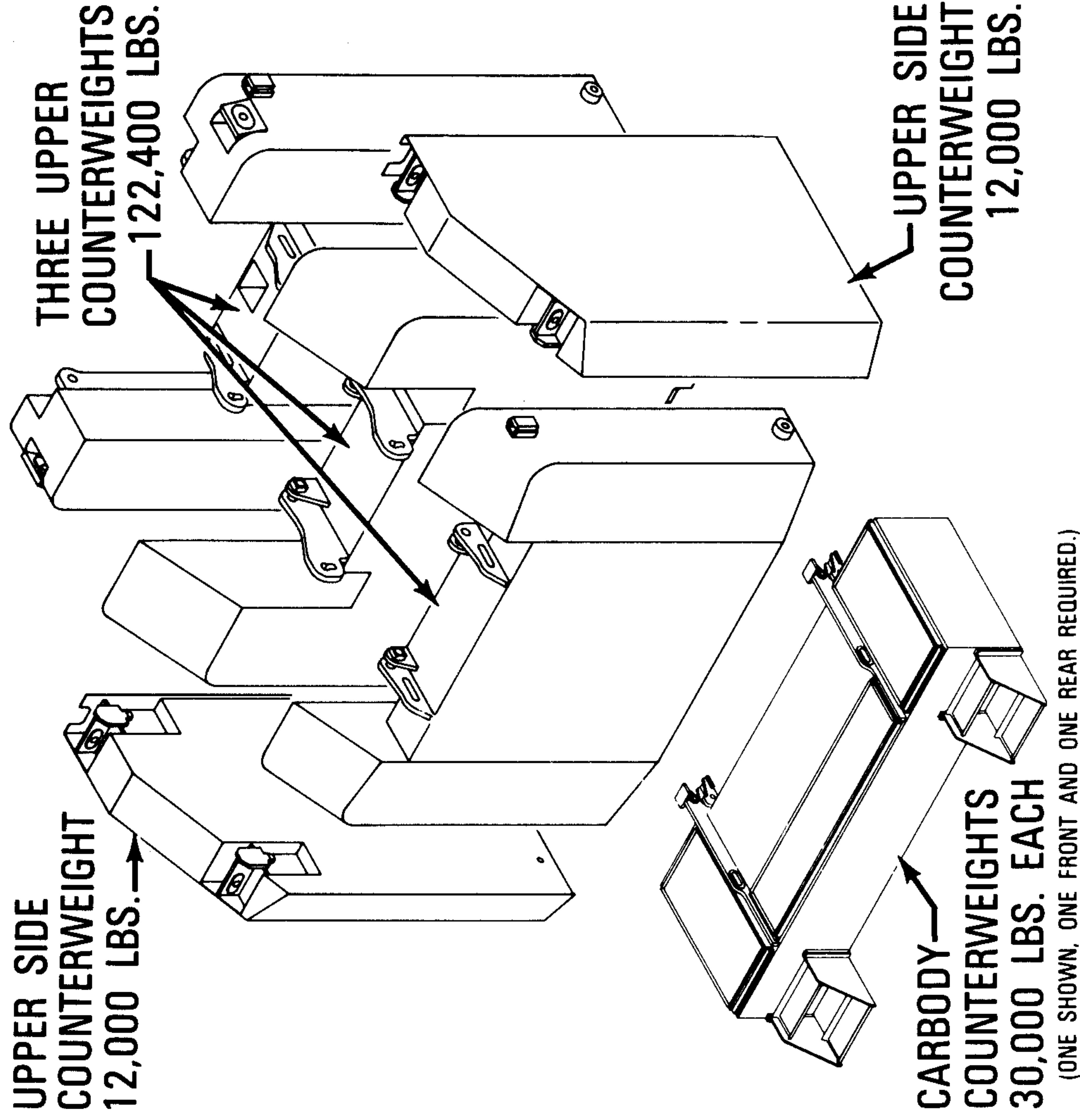
SEE CONDITIONS

Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended	Boom Lgth.: Feet	Oper. Rad.: Feet	Boom Angle: Deg.	Boom Point: Elev.	Capacity: Crawlers Extended
260	50	79.8	262.9	97,700	280	50	80.5	283.2	84,400
	55	78.7	262.0	87,800		55	79.5	282.3	81,500
	60	77.6	260.9	77,700		60	78.5	281.3	76,700
	65	76.4	259.7	69,400		65	77.4	280.3	68,300
	70	75.3	258.5	62,400		70	76.4	279.1	61,400
	75	74.2	257.1	56,500		75	75.3	277.9	55,500
	80	73.0	255.6	51,400		80	74.3	276.5	50,400
	85	71.8	254.1	47,000		85	73.2	275.0	45,900
	90	70.7	252.4	43,200		90	72.1	273.5	42,100
	95	69.5	250.6	39,700		95	71.0	271.8	38,700
	100	68.3	248.6	36,700		100	69.9	270.0	35,600
	105	67.1	246.6	34,000		105	68.9	268.2	32,900
	110	65.9	244.4	31,500		110	67.8	266.2	30,400
	115	64.7	242.1	29,300		115	66.6	264.1	28,200
	120	63.5	239.7	27,300		120	65.5	261.8	26,100
	125	62.3	237.1	25,400		125	64.4	259.5	24,300
	130	61.0	234.4	23,700		130	63.3	257.1	22,600
	135	59.7	231.6	22,100		135	62.1	254.5	21,000
	140	58.5	228.6	20,700		140	60.9	251.8	19,600
	145	57.2	225.5	19,400		145	59.8	248.9	18,200
	150	55.8	222.1	18,100		150	58.6	245.9	17,000
	155	54.5	218.7	16,900		155	57.4	242.8	15,800
	160	53.1	215.0	15,900		160	56.1	239.5	14,700
	165	51.7	211.2	14,900		165	54.9	236.1	13,700
	170	50.3	207.1	13,900		170	53.6	232.5	12,800
	175	48.9	202.9	13,000		175	52.4	228.7	11,900
	180	47.4	198.4	12,200		180	51.1	224.8	11,000
	185	45.9	193.7	11,400		185	49.7	220.6	10,200
	190	44.3	188.7	10,600		190	48.4	216.3	9,500
	195	42.7	183.4	9,900		195	47.0	211.7	8,800
	200	41.1	177.8	9,200		200	45.6	207.0	8,100
	205	39.4	171.9	8,600		205	44.1	201.9	7,300
	210	37.6	165.6	8,000		210	42.6	196.6	6,500
	215	35.8	158.9	7,400		215	41.1	191.1	5,800
	220	33.8	151.7	6,700		220	39.5	185.2	5,200
	225	31.8	144.0	6,100		225	37.9	178.9	4,500
	230	29.6	135.6	5,500					
	235	27.3	126.3	4,900					
	240	24.8	116.1	4,400					
270	50	80.2	273.1	90,500					
	55	79.1	272.1	86,600					
	60	78.0	271.1	77,200					
	65	76.9	270.0	68,800					
	70	75.9	268.8	61,900					
	75	74.8	267.5	56,000					
	80	73.7	266.1	50,900					
	85	72.5	264.6	46,500					
	90	71.4	262.9	42,600					
	95	70.3	261.2	39,200					
	100	69.2	259.4	36,100					
	105	68.0	257.4	33,400					
	110	66.9	255.3	30,900					
	115	65.7	253.1	28,700					
	120	64.6	250.8	26,700					
	125	63.4	248.4	24,800					
	130	62.2	245.8	23,100					
	135	61.0	243.1	21,500					
	140	59.8	240.3	20,100					
	145	58.5	237.3	18,800					
	150	57.3	234.1	17,500					
	155	56.0	230.8	16,400					
	160	54.7	227.4	15,300					
	165	53.4	223.8	14,300					
	170	52.1	219.9	13,300					
	175	50.7	216.0	12,400					
	180	49.3	211.8	11,600					
	185	47.9	207.4	10,800					
	190	46.5	202.7	10,000					
	195	45.0	197.8	9,300					
	200	43.5	192.7	8,600					
	205	41.9	187.3	8,000					
	210	40.3	181.5	7,300					
	215	38.6	175.5	6,600					
	220	36.9	169.0	5,900					
	225	35.1	162.1	5,300					
	230	33.2	154.7	4,700					
	235	31.2	146.8	4,100					

CAUTION

BOTH CARBODY COUNTERWEIGHTS MUST ALWAYS BE ATTACHED TO CARBODY BEFORE ATTACHING THE UPPER SIDE COUNTERWEIGHTS TO THE UPPER COUNTERWEIGHTS. LIKEWISE, THE UPPER SIDE COUNTERWEIGHTS MUST BE REMOVED FROM THE UPPER COUNTERWEIGHTS BEFORE REMOVING THE CARBODY COUNTERWEIGHTS. NEVER OPERATE THE MACHINE WITH UPPER SIDE COUNTERWEIGHTS IN PLACE UNLESS BOTH CARBODY COUNTERWEIGHTS ARE ALSO IN PLACE.

4100W SERIES 2



JIB LIFTING CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS**4100W**
SERIES-2**JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22A WITH LIGHT TAPERED TOP
26'6" CRAWLERS EXTENDED****0 DEGREE JIB OFFSET ANGLE**

Chart supplements boom capacity chart No. 7342-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, travel, 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 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, including those on the main boom 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. Maximum capacity on 1-1/8" — 6x31 IPS, IWRC is 28,300 lbs./line. Refer to jib assembly No. 43730.

30 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	
	90 *	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	90 *
	100	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	39,700	39,200	38,800	38,200	37,700	37,100	36,800	36,200	100
	110	39,500	38,800	38,100	37,600	37,000	36,500	36,100	35,600	35,000	34,500	34,000	33,600	33,000	32,500	31,900	31,600	31,000	110
	120	35,300	34,600	33,900	33,400	32,800	32,300	31,900	31,400	30,800	30,200	29,800	29,300	28,700	28,200	27,600	27,300	26,700	120
	130		31,100	30,400	29,900	29,200	28,700	28,300	27,800	27,200	26,700	26,200	25,700	25,200	24,600	24,100	23,800	23,200	130
	140			27,400	26,900	26,200	25,700	25,300	24,800	24,200	23,700	23,200	22,700	22,100	21,600	21,000	20,700	20,100	140
	150				24,300	23,600	23,100	22,700	22,200	21,600	21,100	20,600	20,100	19,500	19,000	18,400	18,100	17,500	150
160					20,900	20,500	20,000	19,400	18,800	18,400	17,900	17,300	16,800	16,200	15,900	15,300		160	
170							18,500	18,000	17,400	16,900	16,400	15,900	15,300	14,800	14,200	13,900	13,300	170	
180								16,300	15,700	15,100	14,600	14,200	13,600	13,100	12,500	12,200	11,600	180	
190									14,100	13,600	13,100	12,600	12,000	11,500	10,900	10,600	10,000	190	
200										12,200	11,700	11,200	10,600	10,100	9,500	9,200	8,600	200	
210											10,500	10,000	9,400	8,900	8,300	8,000	7,300	210	
220													8,300	7,700	7,200	6,700	6,000	220	
230														6,700	6,200	5,700	5,000	230	
240															4,800	4,300	4,000	240	

40 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260		
	110 *	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000		110 *
	120	29,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	29,500	28,900	28,400	27,900	27,600		120
	130	26,800	28,500	30,000	30,000	29,400	28,900	28,500	28,000	27,400	26,900	26,400	26,000	25,400	24,900	24,300	24,000		130
	140		26,500	27,500	27,000	26,400	25,900	25,500	25,000	24,400	23,900	23,400	22,900	22,300	21,800	21,300	20,900		140
	150			24,900	24,500	23,800	23,300	22,900	22,400	21,800	21,300	20,800	20,300	19,700	19,200	18,700	18,300		150
	160					21,600	21,100	20,700	20,200	19,500	19,000	18,600	18,100	17,500	17,000	16,400	16,100		160
	170						19,100	18,700	18,200	17,600	17,100	16,600	16,100	15,500	15,000	14,400	14,100		170
180							17,000	16,400	15,800	15,300	14,800	14,400	13,800	13,300	12,700	12,400		180	
190								14,900	14,300	13,800	13,300	12,800	12,200	11,700	11,100	10,800		190	
200									12,900	12,400	11,900	11,400	10,800	10,300	9,700	9,400		200	
210											10,600	10,200	9,600	9,100	8,500	8,200		210	
220												9,000	8,400	7,900	7,300	7,000		220	
230														7,400	6,900	6,100	6,700		230
240															5,800	5,000	4,500		240

50 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260		
	140 *	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		140 *
	150		20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	19,400	18,900	18,600		150
	160			20,000	20,000	20,000	20,000	20,000	20,000	20,000	19,700	19,200	18,800	18,300	17,700	17,200	16,600	16,300	160
	170				20,000	20,000	20,000	20,000	20,000	20,000	17,800	17,300	16,800	16,300	15,700	15,200	14,600	14,300	170
	180						17,500	17,100	16,800	16,000	15,500	15,000	14,600	14,000	13,500	12,900	12,600		180
	190							15,600	15,100	14,500	14,000	13,500	13,000	12,400	11,900	11,300	11,000		190
	200								13,700	13,100	12,600	12,100	11,600	11,000	10,500	9,900	9,600		200
210									11,800	11,300	10,800	10,400	9,800	9,200	8,700	8,300		210	
220										10,200	9,700	9,200	8,600	8,100	7,500	7,200		220	
230												8,200	7,600	7,100	6,500	6,100		230	
240													6,600	6,100	5,300	4,900		240	
250														5,000	4,200			250	

60 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250			
	150 *	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			150 *
	160		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			160
	170			10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			170
	180				10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			180
	190						10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			190
	200							10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			200
	210								10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			210
	220									10,000	10,000	9,800	9,300	8,700	8,200	7,600			220
	230										9,200	8,700	8,300	7,700	7,100	6,600			230
	250													5,900	5,100	4,300			250

* These capacities apply for ALL lesser radii obtainable.

JIB LIFTING CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

4100W

SERIES-2

**JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22A WITH LIGHT TAPERED TOP
26'6" CRAWLERS EXTENDED**

10 DEGREE JIB OFFSET ANGLE

Chart supplements boom capacity chart No. 7342-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, travel, 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 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, including those on the main boom 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. Maximum capacity on 1-1/8" — 6x31 IPS, IWRC is 28,300 lbs./line. Refer to jib assembly No. 43730.

30 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	
90 *	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	90 *
95	39,700	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	95
100	38,200	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	39,900	39,400	38,900	38,400	37,900	37,600	37,100	36,600	100
105	36,500	38,600	40,000	40,000	39,900	39,400	39,000	38,600	38,000	37,500	37,100	36,700	36,100	35,600	35,100	34,800	34,300	33,800	105
110	35,500	37,300	38,400	38,000	37,400	36,900	36,600	36,100	35,500	35,000	34,600	34,200	33,600	33,100	32,600	32,300	31,800	31,300	110
120		34,800	34,200	33,700	33,100	32,600	32,200	31,800	31,200	30,700	30,300	29,800	29,300	28,800	28,200	28,000	27,400	26,800	120
130				30,100	29,500	29,000	28,600	28,200	27,600	27,100	26,700	26,200	25,700	25,200	24,600	24,300	23,800	23,300	130
140					26,400	26,000	25,600	25,100	24,500	24,000	23,600	23,100	22,600	22,100	21,500	21,200	20,700	20,200	140
150						23,300	23,000	22,500	21,900	21,400	21,000	20,500	19,900	19,400	18,900	18,600	18,000	17,400	150
160								20,200	19,600	19,100	18,700	18,200	17,600	17,100	16,600	16,300	15,700	15,100	160
170									17,600	17,100	16,700	16,200	15,600	15,100	14,600	14,300	13,700	13,100	170
180										15,400	14,900	14,400	13,900	13,400	12,800	12,500	11,900	11,400	180
190												12,900	12,300	11,800	11,200	10,900	10,400	9,900	190
200													10,900	10,400	9,800	9,500	8,900	8,600	200
210														9,100	8,500	8,200	7,700	7,400	210
220																7,000	6,200	5,400	220

40 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260		
	100 *	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000		100 *
	105	29,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000		105
	110	27,900	29,200	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000		110
	120	26,100	27,300	28,200	29,300	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	29,700	29,200	28,700	28,400		120
	130			26,500	27,600	28,600	29,300	29,000	28,500	27,900	27,500	27,000	26,600	26,000	25,500	25,000	24,700		130
	140				26,000	26,700	26,200	25,900	25,400	24,800	24,400	23,900	23,500	22,900	22,400	21,900	21,600		140
	150					24,100	23,600	23,200	22,800	22,200	21,700	21,300	20,800	20,300	19,800	19,200	19,000		150
160							21,000	20,500	19,900	19,400	19,000	18,500	18,000	17,500	16,900	16,600		160	
170								18,500	17,900	17,400	16,900	16,500	15,900	15,500	14,900	14,600		170	
180									16,100	15,600	15,200	14,700	14,200	13,700	13,100	12,800		180	
190											13,600	13,100	12,600	12,100	11,500	11,200		190	
200													11,700	11,100	10,600	10,100	9,800		200
210														9,800	9,300	8,800	8,500		210
220															7,600	7,300			220

50 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260		
	130 *	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		130 *
	135		20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		135
	140			20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		140
	150				20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	19,600	19,300		150
	160					20,000	20,000	20,000	20,000	20,000	19,700	19,300	18,800	18,300	17,800	17,300	17,000		160
	170							19,200	18,700	18,200	17,700	17,200	16,800	16,300	15,800	15,200	14,900		170
	180								16,900	16,400	15,900	15,400	15,000	14,500	14,000	13,400	13,100		180
190									14,800	14,300	13,800	13,400	12,900	12,400	11,800	11,500		190	
200											12,400	12,000	11,400	10,900	10,400	10,100		200	
210												10,700	10,100	9,600	9,100	8,800		210	
220													8,900	8,500	7,900	7,600		220	
230															6,800	6,500		230	

60 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250			
	140 *	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			140 *
	150			10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			150
	160				10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			160
	170					10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			170
	180						10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			180
	190							10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			190
	200								10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			200
210									10,000	10,000	10,000	10,000	10,000	10,000	10,000			210	
220												9,700	9,100	8,600	8,100			220	
230													8,000	7,500	7,000			230	

* These capacities apply for ALL lesser radii obtainable.

JIB LIFTING CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS**4100W**
SERIES-2**JIB NO. 123 WITH 12'6" STRUT ON
BOOM NO. 22A WITH LIGHT TAPERED TOP
26'6" CRAWLERS EXTENDED****20 DEGREE JIB OFFSET ANGLE**

Chart supplements boom capacity chart No. 7342-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, travel, 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 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, including those on the main boom 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. Maximum capacity on 1-1/8" — 6x31 IPS, IWRC is 28,300 lbs./line. Refer to jib assembly No. 43730.

30 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	
	70 *	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	70 *
	75	39,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	75
	80	37,500	38,500	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	80
	85	36,300	37,500	38,700	39,800	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	85
	90	35,100	36,300	37,400	38,500	39,600	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	90
	95	34,000	35,200	36,300	37,400	38,500	39,000	39,900	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	95
	100		34,200	35,300	35,900	36,900	37,900	38,800	39,700	40,000	40,000	40,000	40,000	39,600	39,100	38,600	38,400	37,900	100
105		33,200	34,000	35,000	36,000	36,900	37,800	38,700	38,500	38,100	37,700	37,300	36,800	36,300	35,800	35,500	35,000	105	
110			33,100	34,100	35,100	36,000	36,900	36,500	36,000	35,500	35,100	34,700	34,200	33,700	33,200	33,000	32,500	110	
120					33,400	32,900	32,600	32,200	31,600	31,200	30,700	30,300	29,800	29,300	28,800	28,600	28,000	120	
130							28,900	28,500	27,900	27,500	27,100	26,600	26,100	25,600	25,100	24,900	24,300	130	
140								25,400	24,800	24,400	23,900	23,500	23,000	22,500	22,000	21,700	21,200	140	
150										21,700	21,300	20,800	20,300	19,800	19,300	19,000	18,500	150	
160											18,900	18,500	18,000	17,500	17,000	16,700	16,100	160	
170													15,900	15,400	14,900	14,600	14,100	170	
180															13,100	12,800	12,300	180	

40 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260		
	75 *	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000		75 *
	80	29,200	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000		80
	85	28,100	29,000	29,800	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000		85
	90	27,200	28,000	28,900	29,600	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000		90
	100	25,500	26,300	27,100	27,900	28,600	29,300	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000		100
	110		24,900	25,700	26,400	27,100	27,800	28,500	29,100	29,200	29,800	30,000	30,000	30,000	30,000	30,000	30,000		110
	120				25,100	25,800	26,500	26,700	27,300	27,900	28,400	29,000	29,500	30,000	29,900	29,400	29,200		120
130					24,300	24,900	25,500	26,100	26,700	27,200	27,500	27,100	26,600	26,200	25,700	25,400		130	
140							24,500	25,100	25,300	24,800	24,400	24,000	23,500	23,000	22,500	22,200		140	
150									22,600	22,100	21,700	21,300	20,800	20,300	19,800	19,500		150	
160										19,800	19,300	18,900	18,400	17,900	17,400	17,100		160	
170												16,900	16,300	15,900	15,300	15,100		170	
180														14,500	14,000	13,500	13,200		180
190																11,900	11,600		190

50 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260		
	110 *	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		110 *
	115	19,400		20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		115
	120		19,500	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		120
	125			19,600	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		125
	130				19,700	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		130
	140					19,300	19,800	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		140
	150							19,200	19,600	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000		150
160								18,900	19,300	19,700	19,800	19,400	18,900	18,400	17,900	17,600		160	
170										18,100	17,700	17,300	16,800	16,300	15,800	15,500		170	
180												15,400	14,900	14,400	13,900	13,700		180	
190													13,200	12,800	12,300	12,000		190	
200															10,800	10,500		200	

60 FOOT JIB	JIB POINT RADIUS: FEET	CAPACITIES IN POUNDS																	JIB POINT RADIUS: FEET
		BOOM LENGTH — FEET																	
		110	120	130	140	150	160	170	180	190	200	210	220	230	240	250			
	125 *	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			125 *
	130		10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			130
	140			10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			140
	150				10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			150
	160							10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			160
	170								10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000			170
	180										10,000	10,000	10,000	10,000	10,000	10,000			180
	190											10,000	10,000	10,000	10,000	10,000			190
	200													10,000	10,000	10,000			200
	210														10,000	9,700			210

* These capacities apply for ALL lesser radii obtainable.

View thousands of Crane Specifications on FreeCraneSpecs.com

LIFT CRANE/CONTAINER HANDLING CAPACITIES

33' STATIONARY TOWER BOOM NO. 22A WITH CONTAINER HANDLING TOP 182,400 LB. CRANE COUNTERWEIGHT 60,000 LB. CARBODY COUNTERWEIGHT 26'6" CRAWLERS EXTENDED

4100W SERIES 2 SPECIAL

CAPACITIES FOR VARIOUS BOOM LENGTHS AND OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 75% OF A STATIC TIPPING LOAD. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (*).

CAPACITIES ARE BASED ON USING TWO - 2 PART HOIST LINES WITH A MAXIMUM LOAD OF 65,000 LBS. ON EITHER BLOCK. MAXIMUM LOAD OF 92,000 LBS. IS LIMITED TO THE FIRST TWO LAYERS ON 19" DIAMETER FULL WIDTH DRUMS. MAXIMUM ALLOWABLE LOAD IS 80,000 LBS. WHEN SPOOLING ON THE THIRD LAYER.

WEIGHT OF ALL LOAD BLOCKS, HOOKS, WEIGHT BALL, SLINGS, CONTAINER HANDLING DEVICES, HOIST LINES, ETC., BENEATH BOOM POINT SHEAVES, IS CONSIDERED PART OF THE MAIN BOOM LOAD. BOOM IS 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. RAISING OR LOWERING OF BOOM BELOW HORIZONTAL MUST BE DONE WITHOUT LOAD ON BOOM.

HOIST LINE SPECIFICATIONS: 1-1/8" - 6 X 31 WARRINGTON-SEALE, EXTRA IMPROVED PLOW STEEL, REGULAR LAY, IWRC. MINIMUM BREAKING STRENGTH 130,000 LBS. APPROX. WEIGHT = 2.34 LBS. PER FT.

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH CRAWLERS FULLY EXTENDED. REFER TO RIGGING NO. 164562. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, TRAVEL, WIND CONDITIONS, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION.

OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION TO THE CENTER OF VERTICAL HOIST LINE OR LOAD BLOCK. BOOM ANGLE IS THE ANGLE BETWEEN HORIZONTAL AND CENTERLINE OF THE BOOM BUTT AND INSERTS AND IS AN INDICATION OF OPERATING RADIUS. IN ALL CASES, OPERATING RADIUS SHALL GOVERN CAPACITY. BOOM POINT ELEVATION IS VERTICAL DISTANCE FROM GROUND LEVEL TO CENTERLINE OF BOOM POINT SHAFT.

MACHINE EQUIPPED WITH 26'6" EXTENDIBLE CRAWLERS, 48" TREADS, 15'6" GANTRY, 14 PART BOOM HOIST REEVING, FOUR 1-1/4" BOOM PENDANTS, 1ST COUNTERWEIGHT = 41,900 LBS., 2ND COUNTERWEIGHT = 41,500 LBS., 3RD COUNTERWEIGHT = 39,000 LBS., TWO 30,000 LB. SIDE COUNTERWEIGHTS AND TWO 30,000 LB. CARBODY COUNTERWEIGHTS.

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY POUNDS
80	22	77.0	118.0	92,000*	90	26	75.9	127.3	92,000*	100	28	76.1	137.1	92,000*
	24	75.5	117.5	92,000*		28	74.5	126.7	92,000*		30	74.9	136.6	92,000*
	26	74.0	116.9	92,000*		30	73.2	126.2	92,000*		32	73.7	136.0	92,000*
	28	72.5	116.3	92,000*		32	71.9	125.5	92,000*		34	72.5	135.4	92,000*
	30	71.0	115.7	92,000*		34	70.5	124.9	92,000*		36	71.3	134.7	92,000*
	32	69.5	114.9	92,000*		36	69.2	124.1	92,000*		38	70.1	134.0	92,000*
	34	68.0	114.2	92,000*		38	67.8	123.3	92,000*		40	68.9	133.3	92,000*
	36	66.4	113.3	92,000*		40	66.4	122.5	92,000*		45	65.8	131.2	92,000*
	38	64.8	112.4	92,000*		45	62.9	120.1	92,000*		50	62.6	128.8	92,000*
	40	63.3	111.4	92,000*		50	59.3	117.4	92,000*		55	59.3	126.0	92,000*
	45	59.2	108.7	92,000*		55	55.5	114.2	92,000*		60	55.9	122.9	92,000*
	50	54.9	105.5	92,000*		60	51.5	110.5	92,000*		65	52.4	119.2	90,000*
	55	50.4	101.6	92,000*		65	47.3	106.2	90,800*		70	48.7	115.1	82,100*
	60	45.6	97.1	92,000*		70	42.8	101.2	82,900*		75	44.8	110.4	75,400*
	65	40.3	91.8	91,800*		75	37.9	95.3	76,100*		80	40.5	105.0	69,600*
	70	34.4	85.2	84,400*		80	32.4	88.2	70,300*		85	35.9	98.6	64,500*
	75	27.4	76.9	77,400*		85	25.8	79.2	62,500*		90	30.7	91.0	60,000*
	80	18.2	65.0	58,400*		90	17.1	66.5	49,600*		95	24.5	81.5	53,400*
											100	16.3	68.0	42,600*

View thousands of Crane Specifications on FreeCraneSpecs.com

LIFT CRANE/CONTAINER HANDLING CAPACITIES

4100W SERIES 2 SPECIAL

33' STATIONARY TOWER

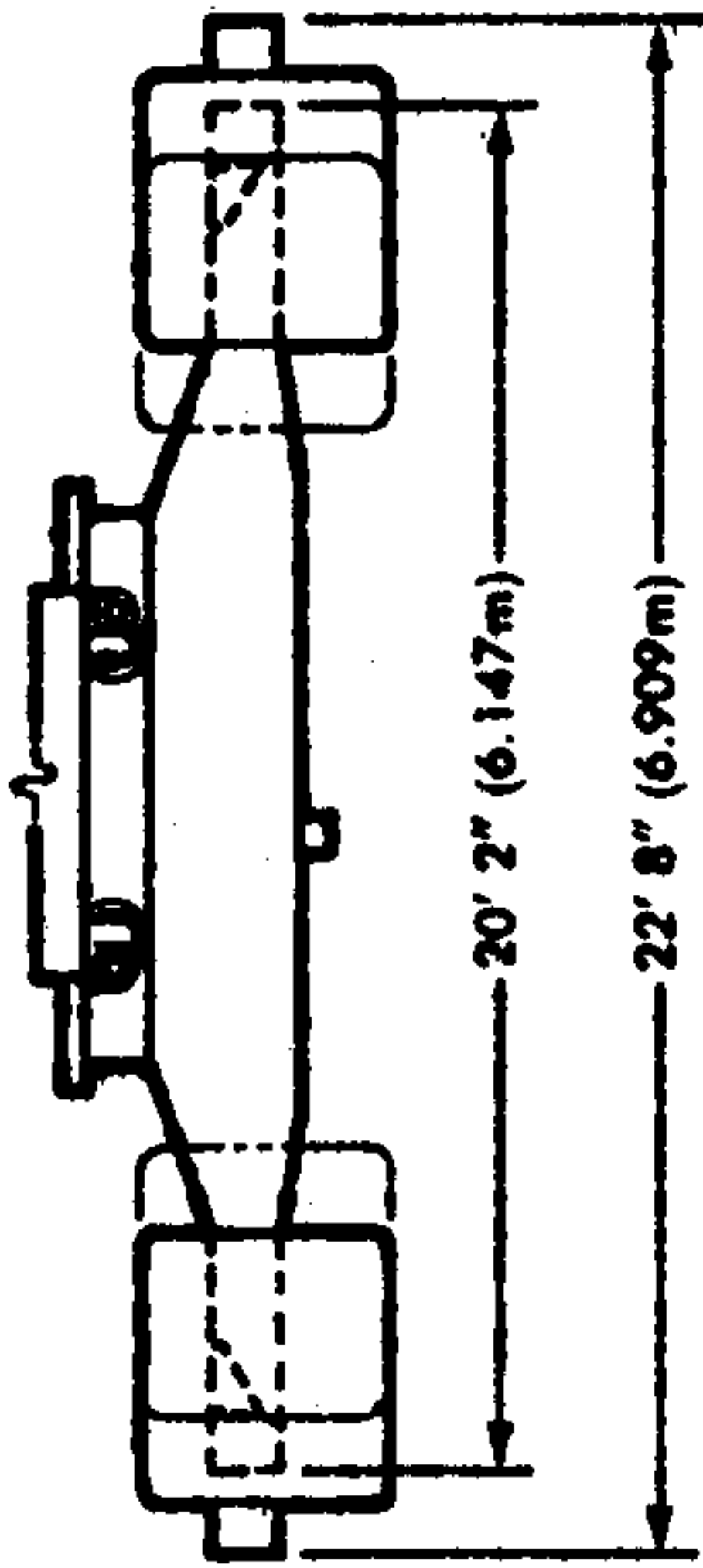
BOOM NO. 22A WITH CONTAINER HANDLING TOP

182,400 LB. CRANE COUNTERWEIGHT

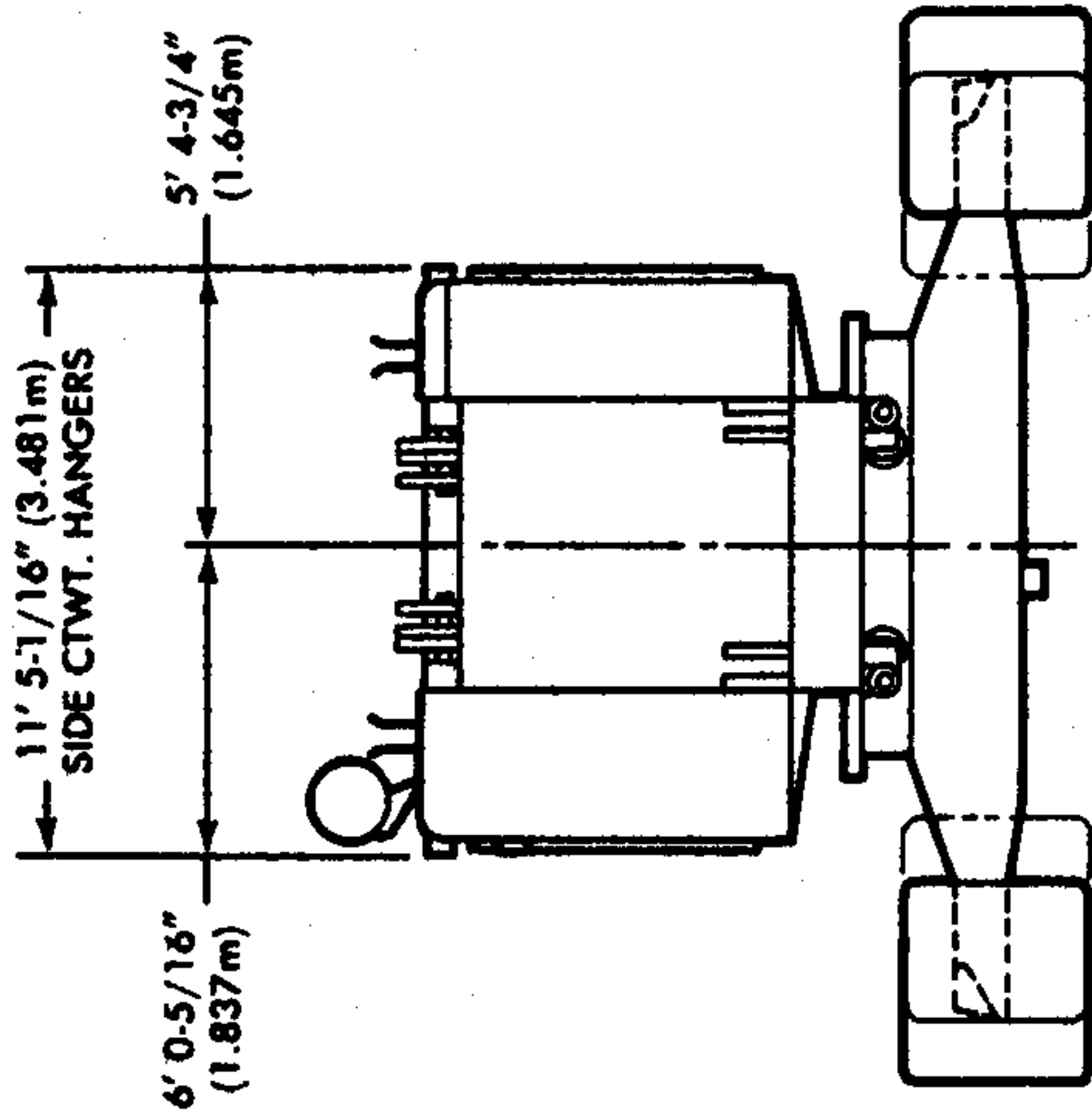
60,000 LB. CARBODY COUNTERWEIGHT

26'6" CRAWLERS EXTENDED

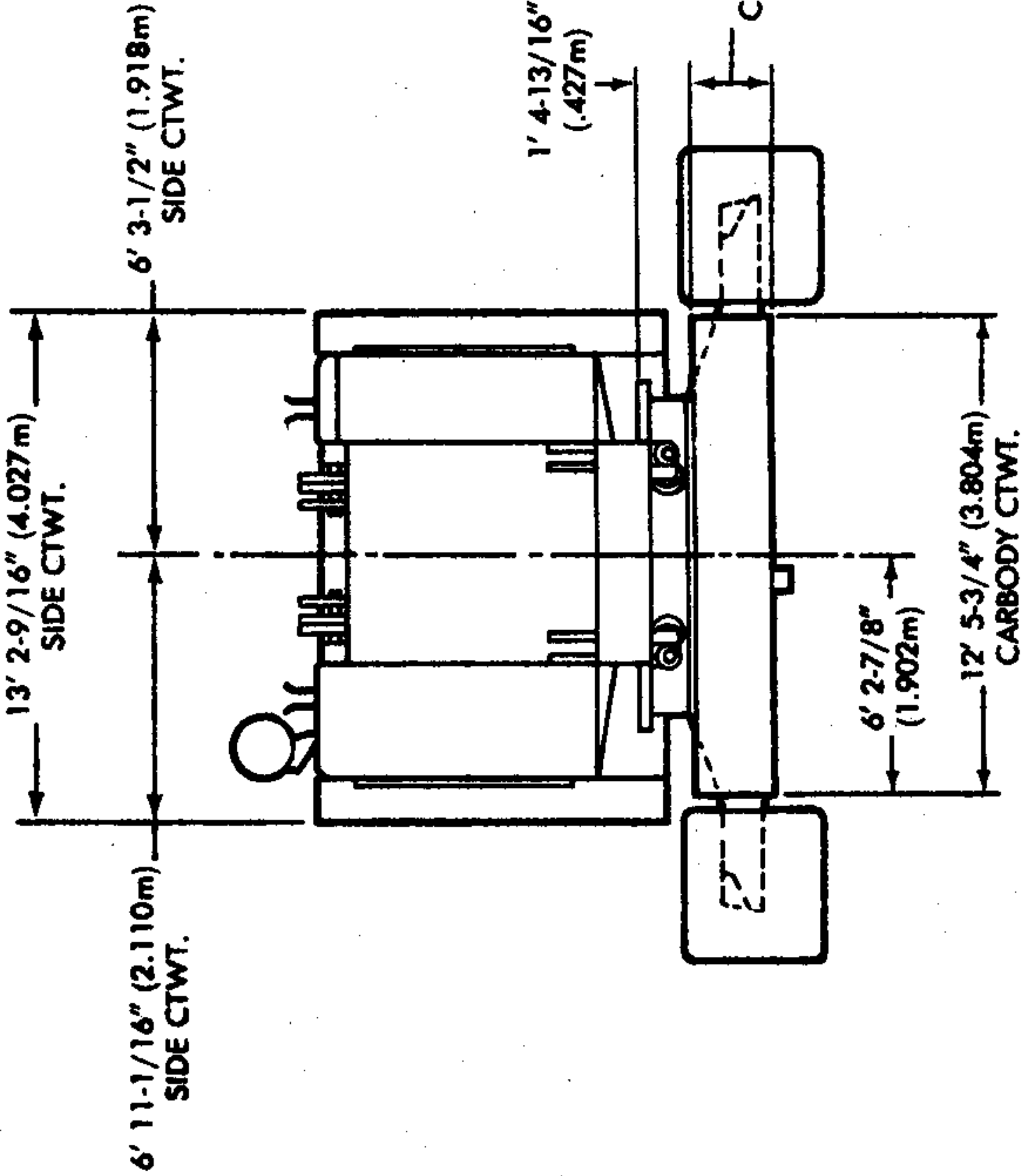
BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY POUNDS	BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	CAPACITY POUNDS
110	30	76.3	146.9	92,000*	130	34	76.7	166.5	92,000*	140	36	76.8	176.3	92,000*
	32	75.3	146.4	92,000*		36	75.7	166.0	92,000*		38	75.9	175.8	92,000*
	34	74.2	145.8	92,000*		38	74.8	165.5	92,000*		40	75.1	175.3	92,000*
	36	73.1	145.2	92,000*		40	73.9	164.9	92,000*		45	73.0	173.9	92,000*
	38	72.0	144.6	92,000*		45	71.6	163.4	92,000*		50	70.8	172.2	92,000*
	40	70.9	143.9	92,000*		50	69.3	161.6	92,000*		55	68.6	170.4	92,000*
	45	68.1	142.1	92,000*		55	66.9	159.6	92,000*		60	66.4	168.3	92,000*
	50	65.3	139.9	92,000*		60	64.5	157.3	92,000*		65	64.2	166.0	86,600*
	55	62.4	137.5	92,000*		65	62.0	154.8	87,000*		70	61.9	163.5	78,800*
	60	59.4	134.7	92,000*		70	59.5	152.0	79,200*		75	59.5	160.7	72,200*
	65	56.3	131.5	89,000*		75	56.9	148.9	72,500*		80	57.1	157.6	66,400*
	70	53.1	128.0	81,100*		80	54.2	145.5	66,800*		85	54.6	154.2	61,400*
	75	49.8	124.0	74,400*		85	51.5	141.7	61,800*		90	52.1	150.5	57,000*
	80	46.3	119.5	68,600*		90	48.6	137.5	57,300*		95	49.5	146.4	53,100*
	85	42.6	114.4	63,500*		95	45.6	132.8	53,400*		100	46.7	141.9	49,600*
	90	38.6	108.6	59,100*		100	42.4	127.7	49,900*		105	43.8	137.0	46,400*
	95	34.2	101.8	55,100*		105	39.0	121.9	46,800*		110	40.8	131.5	43,600*
	100	29.2	93.7	51,600*		110	35.4	115.3	43,900*		115	37.5	125.3	41,000*
	105	23.3	83.6	45,800*		115	31.4	107.7	41,300*		120	34.0	118.4	38,700*
	110	15.5	69.4	36,700*		120	26.8	98.7	39,000*		125	30.2	110.4	36,500*
120	32	76.5	156.7	92,000*	125	21.4	87.5	34,200*	130	25.8	101.0	34,500*		
	34	75.5	156.2	92,000*	130	14.3	72.0	27,400*	135	20.7	89.4	30,100*		
	36	74.5	155.7	92,000*					140	13.7	73.2	24,200*		
	38	73.5	155.1	92,000*										
	40	72.5	154.5	92,000*										
	45	70.0	152.8	92,000*										
	50	67.5	150.8	92,000*										
	55	64.8	148.6	92,000*										
	60	62.2	146.1	92,000*										
	65	59.4	143.3	88,100*										
	70	56.6	140.2	80,200*										
	75	53.7	136.7	73,600*										
	80	50.7	132.9	67,800*										
	85	47.5	128.5	62,700*										
	90	44.2	123.7	58,300*										
	95	40.7	118.2	54,400*										
	100	36.9	112.0	50,800*										
	105	32.7	104.8	47,700*										
	110	28.0	96.3	44,800*										
	115	22.3	85.6	39,600*										
120	14.8	70.7	31,800*											



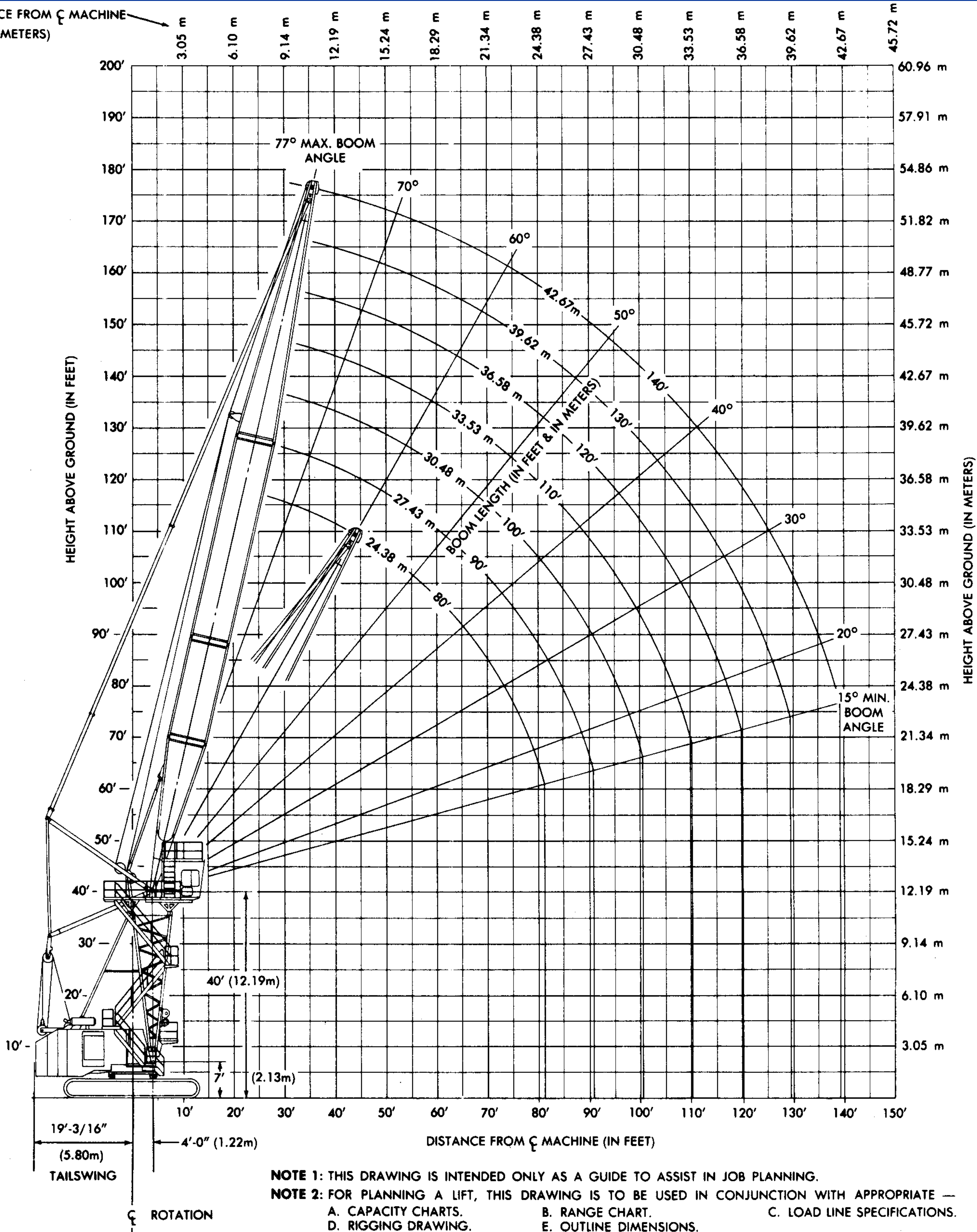
CARBODY W/CRAWLERS MODIFIED FOR
RINGER APPLICATION W/TRAVEL ATTACHMENT



VIEW "A-A" 4100-W SERIES-1



VIEW "B-B" 4100-W SERIES-2



NOTE 1: THIS DRAWING IS INTENDED ONLY AS A GUIDE TO ASSIST IN JOB PLANNING.

NOTE 2: FOR PLANNING A LIFT, THIS DRAWING IS TO BE USED IN CONJUNCTION WITH APPROPRIATE —
 A. CAPACITY CHARTS. B. RANGE CHART. C. LOAD LINE SPECIFICATIONS.
 D. RIGGING DRAWING. E. OUTLINE DIMENSIONS.

NOTE 3: FOR PLANNING LIFTS WHERE CLEARANCES ARE LIMITED AND ACCURACY IS DESIRED, A DETAILED LAYOUT SHOULD BE PREPARED.

NOTE 4: WHEN EQUIPPED WITH HOIST LINE LIMIT SWITCH, CONTACT FACTORY FOR LOAD BLOCK TO BOOM POINT MINIMUM DISTANCE.

MAXIMUM BOOM ANGLE: 77° FOR NO. 22A BOOM WITH CONTAINER HANDLING TOP

DO NOT SCALE THIS DRAWING