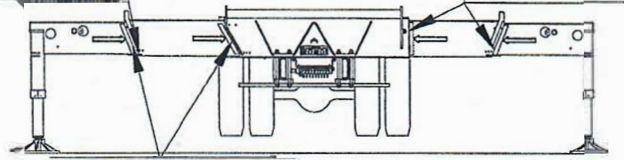


**USE THIS CHART ONLY  
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BEAMS ARE FULLY  
EXTENDED**

PINS MUST BE  
DISENGAGED FOR  
THIS OUTRIGGER  
CONFIGURATION

OUTRIGGER  
BEAMS MUST  
BE EXTENDED  
TO MARK



MARK INDICATES BEAM  
IS FULLY EXTENDED  
279.00 REF  
(23'-3" REF)

**MAIN BOOM LIFTING CAPACITIES**

LOAD RADIUS (FT)	BOOM LENGTH 38.5 FT			BOOM LENGTH 53 FT (A)			BOOM LENGTH 66 FT (B)			BOOM LENGTH 78 FT (C)			LOAD RADIUS (FT)
	LOADED BOOM ANGLE (DEG)	OVER REAR (LBS)	FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	OVER REAR (LBS)	FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	OVER REAR (LBS)	FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	OVER REAR (LBS)	FULL 360° (LBS)	
6	73.5	100000	100000										6
8	70.5	86600	86600										8
10	67	76400	76400	74.5	51000	51000	78	51000	51000				10
12	64	68400	68400	72.5	51000	51000	76.5	51000	51000	79	41710	41710	12
15	59	59000	59000	68.5	51000	51000	73.5	46650	46650	77	37880	37880	15
20	49.5	47700	47700	62.5	45700	45700	69	39300	39300	73	32140	32140	20
25	38.5	39000	39000	56	38400	38400	64	33450	33450	69	27890	27890	25
30	23.5	30200	30200	49.5	32180	32180	59	29140	29140	65	24230	24230	30
35				41.5	26690	25000	54	25490	25490	61	21310	21310	35
40				32	22530	19530	48	22520	20030	56.5	19160	19160	40
45				18.5	18340	15660	42	19680	16180	52	17070	16460	45
50							34.5	17070	13320	46.5	15330	13600	50
55							25	14910	11110	41	13850	11400	55
60							7	9790	9300	35	12560	9640	60
65										27	11450	8210	65
70										16	9840	7000	70
		1230 LBS		890 LBS		720 LBS		610 LBS				STOWED JIB	
		2840 LBS		2620 LBS		2500 LBS		2430 LBS				ERECTED JIB (RETRACTED)	
		3170 LBS		2860 LBS		2700 LBS		2600 LBS				ERECTED JIB (EXTENDED)	

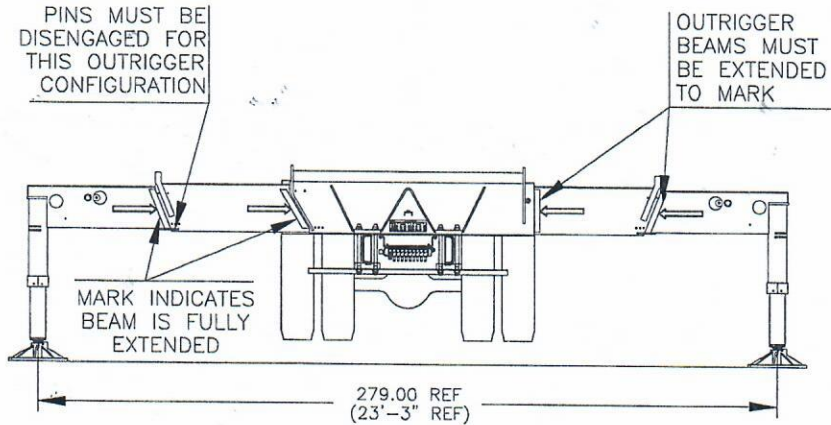
DEDUCTIONS FOR MAIN BOOM CAPACITIES

LOAD RADIUS (FT)	BOOM LENGTH 91 FT (D)			BOOM LENGTH 103 FT (E)			BOOM LENGTH 116 FT (F)			BOOM LENGTH 128 FT (G)			LOAD RADIUS (FT)
	LOADED BOOM ANGLE (DEG)	OVER REAR (LBS)	FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	OVER REAR (LBS)	FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	OVER REAR (LBS)	FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	OVER REAR (LBS)	FULL 360° (LBS)	
15	79	30000	30000										15
20	76	26010	26010	78.5	22790	22790							20
25	72.5	22620	22620	75.5	20160	20160	78	17660	17660				25
30	69.5	20000	20000	72.5	18080	18080	75.5	16060	16060	77.5	13000	13000	30
35	66	17710	17710	70.5	16070	16070	73	14480	14480	75.5	12760	12760	35
40	62.5	15740	15740	67.5	14360	14360	70.5	13050	13050	73	11760	11760	40
45	59	14050	14050	64	12900	12900	68	11780	11780	71	10800	10800	45
50	55	12620	12620	60.5	11610	11610	65	10640	10640	68.5	10000	10000	50
55	50.5	11380	11380	57	10500	10500	62	9890	9890	66	9130	9130	55
60	46.5	10340	9840	53.5	9760	9760	59	8970	8970	63.5	8320	8320	60
65	41.5	9630	8420	50	8860	8550	56	8160	8160	60.5	7570	7570	65
70	36.5	8770	7230	46	8060	7360	53	7430	7430	58	6910	6910	70
75	30	8000	6230	41.5	7350	6360	49.5	6780	6460	55	6300	6300	75
80	22	7320	5360	37	6720	5500	46	6180	5610	52	5750	5680	80
85	7	5290	4590	31.5	6140	4760	42.5	5650	4870	49	5250	4940	85
90				25	5630	4110	38	5160	4220	46	4790	4300	90
95				15.5	5160	3530	33.5	4720	3650	42	4370	3730	95
100							28.5	4310	3140	38.5	3980	3220	100
105							21.5	3940	2680	34	3620	2770	105
110							7.5	3610	2250	29.5	3300	2360	110
115										23.5	2990	1980	115
120										15	2710	1640	120
		520 LBS		460 LBS		410 LBS		370 LBS				STOWED JIB	
		2370 LBS		2330 LBS		2300 LBS		2280 LBS				ERECTED JIB (RETRACTED)	
		2520 LBS		2460 LBS		2410 LBS		2380 LBS				ERECTED JIB (EXTENDED)	

DEDUCTIONS FOR MAIN BOOM CAPACITIES



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EXTENDED**



**49 FT EXTENDED JIB LIFTING CAPACITIES**

LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	0' OFFSET		15' OFFSET			30' OFFSET		
		CODE 13	CODE 14	LOADED BOOM ANGLE (DEG)	CODE 15	CODE 16	LOADED BOOM ANGLE (DEG)	CODE 17	CODE 18
		OVER REAR (LBS)	FULL 360° (LBS)	OVER REAR (LBS)	FULL 360° (LBS)	OVER REAR (LBS)	OVER REAR (LBS)	FULL 360° (LBS)	
40	78	4300	4300						
45	76.5	4300	4300						
50	75	4300	4300	79.5	4300	4300			
55	73.5	4300	4300	78	4300	4300			
60	72	4300	4300	76.5	4300	4300	79.5	3700	3700
65	70.5	4300	4300	75	4300	4300	78	3590	3590
70	69	4300	4300	73.5	4230	4230	76	3490	3490
75	67.5	4300	4300	71.5	4080	4080	74	3390	3390
80	66	4240	4240	70	3930	3930	72.5	3300	3300
85	64.5	4030	4030	68.5	3760	3760	70.5	3220	3220
90	63	3740	3740	66.5	3590	3590	69	3140	3140
95	61	3430	3430	64.5	3420	3420	67	3070	3070
100	59	3120	3120	62.5	3270	3270	65	3000	3000
105	57	2840	2840	60.5	3100	3100	63	2940	2940
110	54.5	2560	2560	58	2810	2810	61	2880	2880
115	52	2310	2310	56	2540	2540	58.5	2720	2720
120	49.5	2070	2040	53.5	2280	2280	56	2450	2450
125	47	1840	1730	51	2040	2030	53.5	2190	2190
130	44.5	1630	1450	48	1810	1720	50.5	1940	1920
135	42	1430	1180	45.5	1590	1430	47.5	1700	1600
140	39.5	1240	940	42.5	1390	1160	44.5	1480	1300
145	36.5	1060		39.5	1190	910	41	1260	1020
150	33	900		36	1000		37	1050	
155				32	820		32.5	850	
160									