

# Load Rating Chart

**Model TC50155X**



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**NOTE:** Additional copies of this Load Rating Chart can be purchased from your Manitex Distributor. When ordering, use the part number shown in the bottom left hand corner of this page.

## LMI OPERATING CODES

<b>CODE</b>	<b>CRANE CONFIGURATION</b>	<b>OUTRIGGER CONFIGURATION</b>	<b>AREA OF OPERATION</b>	<b>CWT (LBS)</b>	<b>PAGE</b>
1	MAIN BOOM	100% EXTENDED	OVER REAR	10000	10
2	MAIN BOOM	100% EXTENDED	OVER REAR	8750	11
3	MAIN BOOM	100% EXTENDED	OVER REAR	7500	12
4	MAIN BOOM	100% EXTENDED	OVER REAR	6250	13
5	MAIN BOOM	100% EXTENDED	OVER REAR	5000	14
6	MAIN BOOM	100% EXTENDED	OVER REAR	3750	15
7	MAIN BOOM	100% EXTENDED	OVER REAR	2500	16
8	MAIN BOOM	100% EXTENDED	OVER REAR	1250	17
9	MAIN BOOM	100% EXTENDED	OVER REAR	0	18
10	MAIN BOOM	100% EXTENDED	FULL 360°	10000	19
11	MAIN BOOM	100% EXTENDED	FULL 360°	8750	20
12	MAIN BOOM	100% EXTENDED	FULL 360°	7500	21
13	MAIN BOOM	100% EXTENDED	FULL 360°	6250	22
14	MAIN BOOM	100% EXTENDED	FULL 360°	5000	23
15	MAIN BOOM	100% EXTENDED	FULL 360°	3750	24
16	MAIN BOOM	100% EXTENDED	FULL 360°	2500	25
17	MAIN BOOM	100% EXTENDED	FULL 360°	1250	26
18	MAIN BOOM	100% EXTENDED	FULL 360°	0	27
19	MAIN BOOM	50% EXTENDED	FULL 360°	10000	28
20	MAIN BOOM	50% EXTENDED	FULL 360°	8750	29
21	MAIN BOOM	50% EXTENDED	FULL 360°	7500	30
22	MAIN BOOM	50% EXTENDED	FULL 360°	6250	31
23	MAIN BOOM	50% EXTENDED	FULL 360°	5000	32
24	MAIN BOOM	50% EXTENDED	FULL 360°	3750	33
25	MAIN BOOM	50% EXTENDED	FULL 360°	2500	34
26	MAIN BOOM	50% EXTENDED	FULL 360°	1250	35
27	MAIN BOOM	50% EXTENDED	FULL 360°	0	36
37	FIXED JIB 0° OFFSET	100% EXTENDED	OVER REAR	10000	37
38	FIXED JIB 0° OFFSET	100% EXTENDED	OVER REAR	8750	38
39	FIXED JIB 0° OFFSET	100% EXTENDED	OVER REAR	7500	39
40	FIXED JIB 0° OFFSET	100% EXTENDED	OVER REAR	6250	40
41	FIXED JIB 0° OFFSET	100% EXTENDED	OVER REAR	5000	41
42	FIXED JIB 0° OFFSET	100% EXTENDED	OVER REAR	3750	42
43	FIXED JIB 0° OFFSET	100% EXTENDED	OVER REAR	2500	43
44	FIXED JIB 0° OFFSET	100% EXTENDED	OVER REAR	1250	44
45	FIXED JIB 0° OFFSET	100% EXTENDED	OVER REAR	0	45
46	FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	10000	37
47	FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	8750	38
48	FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	7500	39
49	FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	6250	40
50	FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	5000	41
51	FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	3750	42
52	FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	2500	43
53	FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	1250	44

<b>CODE</b>	<b>CRANE CONFIGURATION</b>	<b>OUTRIGGER CONFIGURATION</b>	<b>AREA OF OPERATION</b>	<b>CWT (LBS)</b>	<b>PAGE</b>
54	FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	0	45
55	FIXED JIB 15° OFFSET	100% EXTENDED	OVER REAR	10000	37
56	FIXED JIB 15° OFFSET	100% EXTENDED	OVER REAR	8750	38
57	FIXED JIB 15° OFFSET	100% EXTENDED	OVER REAR	7500	39
58	FIXED JIB 15° OFFSET	100% EXTENDED	OVER REAR	6250	40
59	FIXED JIB 15° OFFSET	100% EXTENDED	OVER REAR	5000	41
60	FIXED JIB 15° OFFSET	100% EXTENDED	OVER REAR	3750	42
61	FIXED JIB 15° OFFSET	100% EXTENDED	OVER REAR	2500	43
62	FIXED JIB 15° OFFSET	100% EXTENDED	OVER REAR	1250	44
63	FIXED JIB 15° OFFSET	100% EXTENDED	OVER REAR	0	45
64	FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	10000	37
65	FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	8750	38
66	FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	7500	39
67	FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	6250	40
68	FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	5000	41
69	FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	3750	42
70	FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	2500	43
71	FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	1250	44
72	FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	0	45
73	FIXED JIB 30° OFFSET	100% EXTENDED	OVER REAR	10000	37
74	FIXED JIB 30° OFFSET	100% EXTENDED	OVER REAR	8750	38
75	FIXED JIB 30° OFFSET	100% EXTENDED	OVER REAR	7500	39
76	FIXED JIB 30° OFFSET	100% EXTENDED	OVER REAR	6250	40
77	FIXED JIB 30° OFFSET	100% EXTENDED	OVER REAR	5000	41
78	FIXED JIB 30° OFFSET	100% EXTENDED	OVER REAR	3750	42
79	FIXED JIB 30° OFFSET	100% EXTENDED	OVER REAR	2500	43
80	FIXED JIB 30° OFFSET	100% EXTENDED	OVER REAR	1250	44
81	FIXED JIB 30° OFFSET	100% EXTENDED	OVER REAR	0	45
82	FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	10000	37
83	FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	8750	38
84	FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	7500	39
85	FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	6250	40
86	FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	5000	41
87	FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	3750	42
88	FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	2500	43
89	FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	1250	44
90	FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	0	45
91	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	10000	
92	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	8750	
93	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	7500	
94	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	6250	
95	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	5000	
96	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	3750	
97	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	2500	
98	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	1250	
99	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	0	

<b>CODE</b>	<b>CRANE CONFIGURATION</b>	<b>OUTRIGGER CONFIGURATION</b>	<b>AREA OF OPERATION</b>	<b>CWT (LBS)</b>	<b>PAGE</b>
109	PERSONNEL LIFTING FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	10000	
110	PERSONNEL LIFTING FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	8750	
111	PERSONNEL LIFTING FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	7500	
112	PERSONNEL LIFTING FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	6250	
113	PERSONNEL LIFTING FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	5000	
114	PERSONNEL LIFTING FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	3750	
115	PERSONNEL LIFTING FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	2500	
116	PERSONNEL LIFTING FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	1250	
117	PERSONNEL LIFTING FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	0	
127	PERSONNEL LIFTING FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	10000	
128	PERSONNEL LIFTING FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	8750	
129	PERSONNEL LIFTING FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	7500	
130	PERSONNEL LIFTING FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	6250	
131	PERSONNEL LIFTING FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	5000	
132	PERSONNEL LIFTING FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	3750	
133	PERSONNEL LIFTING FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	2500	
134	PERSONNEL LIFTING FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	1250	
135	PERSONNEL LIFTING FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	0	
145	PERSONNEL LIFTING FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	10000	
146	PERSONNEL LIFTING FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	8750	
147	PERSONNEL LIFTING FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	7500	
148	PERSONNEL LIFTING FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	6250	
149	PERSONNEL LIFTING FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	5000	
150	PERSONNEL LIFTING FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	3750	
151	PERSONNEL LIFTING FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	2500	
152	PERSONNEL LIFTING FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	1250	
153	PERSONNEL LIFTING FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	0	
154	MAIN BOOM LINE LIFTER VERTICAL	100% EXTENDED	FULL 360°	10000	
155	MAIN BOOM LINE LIFTER VERTICAL	100% EXTENDED	FULL 360°	8750	
156	MAIN BOOM LINE LIFTER VERTICAL	100% EXTENDED	FULL 360°	7500	
157	MAIN BOOM LINE LIFTER VERTICAL	100% EXTENDED	FULL 360°	6250	
158	MAIN BOOM LINE LIFTER VERTICAL	100% EXTENDED	FULL 360°	5000	
159	MAIN BOOM LINE LIFTER VERTICAL	100% EXTENDED	FULL 360°	3750	
160	MAIN BOOM LINE LIFTER VERTICAL	100% EXTENDED	FULL 360°	2500	
161	MAIN BOOM LINE LIFTER VERTICAL	100% EXTENDED	FULL 360°	1250	
162	MAIN BOOM LINE LIFTER VERTICAL	100% EXTENDED	FULL 360°	0	
163	MAIN BOOM LINE LIFTER MULTI-ANGLE	100% EXTENDED	FULL 360°	10000	
164	MAIN BOOM LINE LIFTER MULTI-ANGLE	100% EXTENDED	FULL 360°	8750	
165	MAIN BOOM LINE LIFTER MULTI-ANGLE	100% EXTENDED	FULL 360°	7500	
166	MAIN BOOM LINE LIFTER MULTI-ANGLE	100% EXTENDED	FULL 360°	6250	
167	MAIN BOOM LINE LIFTER MULTI-ANGLE	100% EXTENDED	FULL 360°	5000	
168	MAIN BOOM LINE LIFTER MULTI-ANGLE	100% EXTENDED	FULL 360°	3750	
169	MAIN BOOM LINE LIFTER MULTI-ANGLE	100% EXTENDED	FULL 360°	2500	
170	MAIN BOOM LINE LIFTER MULTI-ANGLE	100% EXTENDED	FULL 360°	1250	
171	MAIN BOOM LINE LIFTER MULTI-ANGLE	100% EXTENDED	FULL 360°	0	
201	MAIN BOOM STOWED JIB	100% EXTENDED	OVER REAR	10000	

<b>CODE</b>	<b>CRANE CONFIGURATION</b>	<b>OUTRIGGER CONFIGURATION</b>	<b>AREA OF OPERATION</b>	<b>CWT (LBS)</b>	<b>PAGE</b>
202-----	MAIN BOOM STOWED JIB-----	100% EXTENDED-----	OVER REAR-----	8750-----	
203-----	MAIN BOOM STOWED JIB-----	100% EXTENDED-----	OVER REAR-----	7500-----	
204-----	MAIN BOOM STOWED JIB-----	100% EXTENDED-----	OVER REAR-----	6250-----	
205-----	MAIN BOOM STOWED JIB-----	100% EXTENDED-----	OVER REAR-----	5000-----	
206-----	MAIN BOOM STOWED JIB-----	100% EXTENDED-----	OVER REAR-----	3750-----	
207-----	MAIN BOOM STOWED JIB-----	100% EXTENDED-----	OVER REAR-----	2500-----	
208-----	MAIN BOOM STOWED JIB-----	100% EXTENDED-----	OVER REAR-----	1250-----	
209-----	MAIN BOOM STOWED JIB-----	100% EXTENDED-----	OVER REAR-----	0-----	
210-----	MAIN BOOM STOWED JIB-----	100% EXTENDED-----	FULL 360°-----	10000-----	
211-----	MAIN BOOM STOWED JIB-----	100% EXTENDED-----	FULL 360°-----	8750-----	
212-----	MAIN BOOM STOWED JIB-----	100% EXTENDED-----	FULL 360°-----	7500-----	
213-----	MAIN BOOM STOWED JIB-----	100% EXTENDED-----	FULL 360°-----	6250-----	
214-----	MAIN BOOM STOWED JIB-----	100% EXTENDED-----	FULL 360°-----	5000-----	
215-----	MAIN BOOM STOWED JIB-----	100% EXTENDED-----	FULL 360°-----	3750-----	
216-----	MAIN BOOM STOWED JIB-----	100% EXTENDED-----	FULL 360°-----	2500-----	
217-----	MAIN BOOM STOWED JIB-----	100% EXTENDED-----	FULL 360°-----	1250-----	
218-----	MAIN BOOM STOWED JIB-----	100% EXTENDED-----	FULL 360°-----	0-----	
219-----	MAIN BOOM STOWED JIB-----	50% EXTENDED-----	FULL 360°-----	10000-----	
220-----	MAIN BOOM STOWED JIB-----	50% EXTENDED-----	FULL 360°-----	8750-----	
221-----	MAIN BOOM STOWED JIB-----	50% EXTENDED-----	FULL 360°-----	7500-----	
222-----	MAIN BOOM STOWED JIB-----	50% EXTENDED-----	FULL 360°-----	6250-----	
223-----	MAIN BOOM STOWED JIB-----	50% EXTENDED-----	FULL 360°-----	5000-----	
224-----	MAIN BOOM STOWED JIB-----	50% EXTENDED-----	FULL 360°-----	3750-----	
225-----	MAIN BOOM STOWED JIB-----	50% EXTENDED-----	FULL 360°-----	2500-----	
226-----	MAIN BOOM STOWED JIB-----	50% EXTENDED-----	FULL 360°-----	1250-----	
227-----	MAIN BOOM STOWED JIB-----	50% EXTENDED-----	FULL 360°-----	0-----	
251-----	PERSONNEL LIFTING MAIN BOOM STOWED JIB--	100% EXTENDED-----	FULL 360°-----	10000-----	
252-----	PERSONNEL LIFTING MAIN BOOM STOWED JIB--	100% EXTENDED-----	FULL 360°-----	8750-----	
253-----	PERSONNEL LIFTING MAIN BOOM STOWED JIB--	100% EXTENDED-----	FULL 360°-----	7500-----	
254-----	PERSONNEL LIFTING MAIN BOOM STOWED JIB--	100% EXTENDED-----	FULL 360°-----	6250-----	
255-----	PERSONNEL LIFTING MAIN BOOM STOWED JIB--	100% EXTENDED-----	FULL 360°-----	5000-----	
256-----	PERSONNEL LIFTING MAIN BOOM STOWED JIB--	100% EXTENDED-----	FULL 360°-----	3750-----	
257-----	PERSONNEL LIFTING MAIN BOOM STOWED JIB--	100% EXTENDED-----	FULL 360°-----	2500-----	
258-----	PERSONNEL LIFTING MAIN BOOM STOWED JIB--	100% EXTENDED-----	FULL 360°-----	1250-----	
259-----	PERSONNEL LIFTING MAIN BOOM STOWED JIB--	100% EXTENDED-----	FULL 360°-----	0-----	

## **WARNING**

1. THE OPERATOR MUST READ AND UNDERSTAND THE OWNER'S MANUAL BEFORE OPERATING THIS CRANE.
2. POSITIONING OR OPERATION OF CRANE BEYOND AREAS SHOWN ON THIS CHART IS NOT INTENDED OR APPROVED EXCEPT WHERE SPECIFIED IN OWNER'S MANUAL. SHADED LOADS ARE STABILITY LIMITED.
3. LOADED BOOM ANGLES AT SPECIFIED BOOM LENGTHS GIVE ONLY AN APPROXIMATION OF THE OPERATING RADIUS. THE BOOM ANGLE BEFORE LOADING SHOULD BE GREATER TO ACCOUNT FOR DEFLECTIONS. DO NOT EXCEED THE OPERATING RADIUS FOR RATED LOADS.
4. THE OPERATING RADIUS SHOWN IN THE JIB RATING CHART IS FOR 100% EXTENDED BOOM ONLY. WHEN BOOM IS NOT 100% EXTENDED, USE ONLY LOADED BOOM ANGLE TO DETERMINE LOAD RATING OF JIB.
5. FOR BOOM ANGLES NOT SHOWN ON JIB LOAD CHART, USE RATING OF NEXT LOWER BOOM ANGLE.
6. FOR BOOM LENGTHS NOT SHOWN, USE RATING OF NEXT SHORTER OR LONGER BOOM LENGTH, WHICHEVER IS LESS. FOR RADII NOT SHOWN, USE RATING OF NEXT LONGER RADIUS.
7. CRANE LOAD RATINGS ON OUTRIGGERS ARE BASED ON FREELY SUSPENDED LOADS WITH THE MACHINE LEVELED AND STANDING ON A FIRM UNIFORM SUPPORTING SURFACE. NO ATTEMPT SHALL BE MADE TO MOVE A LOAD HORIZONTALLY ON THE GROUND IN ANY DIRECTION.
8. PRACTICAL WORKING LOADS DEPEND ON SUPPORTING SURFACE, WIND AND OTHER FACTORS AFFECTING STABILITY SUCH AS HAZARDOUS SURROUNDINGS, EXPERIENCE OF PERSONNEL AND PROPER HANDLING, ALL OF WHICH MUST BE TAKEN INTO ACCOUNT BY THE OPERATOR.
9. THE MAXIMUM LOAD WHICH MAY BE TELESCOPED IS LIMITED BY HYDRAULIC PRESSURE, BOOM ANGLE AND BOOM LUBRICATION. IT IS SAFE TO ATTEMPT TO TELESCOPE ANY LOAD WITHIN THE LIMITS OF THE LOAD RATING CHART.

## **INFORMATION**

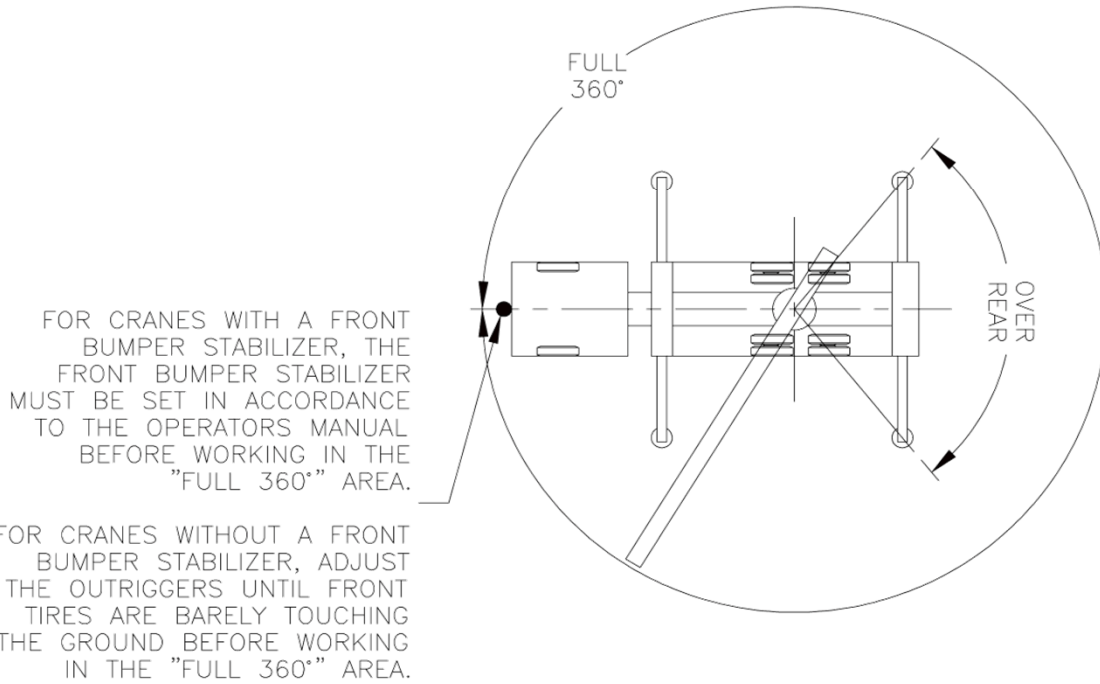
1. DEDUCTIONS MUST BE MADE FROM RATED LOADS FOR JIB, OPTIONAL ATTACHMENTS, HOOKS AND LOADBLOCKS (SEE DEDUCTION CHART). WEIGHTS OF SLINGS AND ALL OTHER LOAD HANDLING DEVICES SHALL BE CONSIDERED AS PART OF THE LOAD.
2. LOAD RATINGS ABOVE THE HEAVY LINE ARE STRUCTURALLY LIMITED CAPACITIES. LOAD RATINGS BELOW THE HEAVY LINE ARE STABILITY LIMITED CAPACITIES AND DO NOT EXCEED 85% OF TIPPING.

## **DEFINITIONS**

1. OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION TO THE CENTER OF THE VERTICAL HOIST LINE OR TACKLE WITH LOAD APPLIED.
2. LOADED BOOM ANGLE IS THE INCLUDED ANGLE BETWEEN THE HORIZONTAL AND LONGITUDINAL AXES OF THE BOOM BASE AFTER LIFTING RATED LOAD AT THE RATED RADIUS.

ALLOWABLE LINE PULL										WARNING
1 PART LINE	2 PART LINE	3 PART LINE	4 PART LINE	5 PART LINE	6 PART LINE	7 PART LINE	8 PART LINE	9 PART LINE	10 PART LINE	
										ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE.  REFER TO THE OWNER'S MANUAL.  KEEP AT LEAST 3 WRAPS OF LOAD LINE ON THE DRUM AT ALL TIMES.
10000 LBS	20000 LBS	30000 LBS	40000 LBS	50000 LBS	60000 LBS	70000 LBS	80000 LBS	90000 LBS	100000 LBS	5/8" 6 X 19 CLASS (3.5:1 SF) 35,000 LBS MIN BREAKING STRENGTH  5/8" ROT RESISTANT (5:1 SF) 50,000 LBS MIN BREAKING STRENGTH

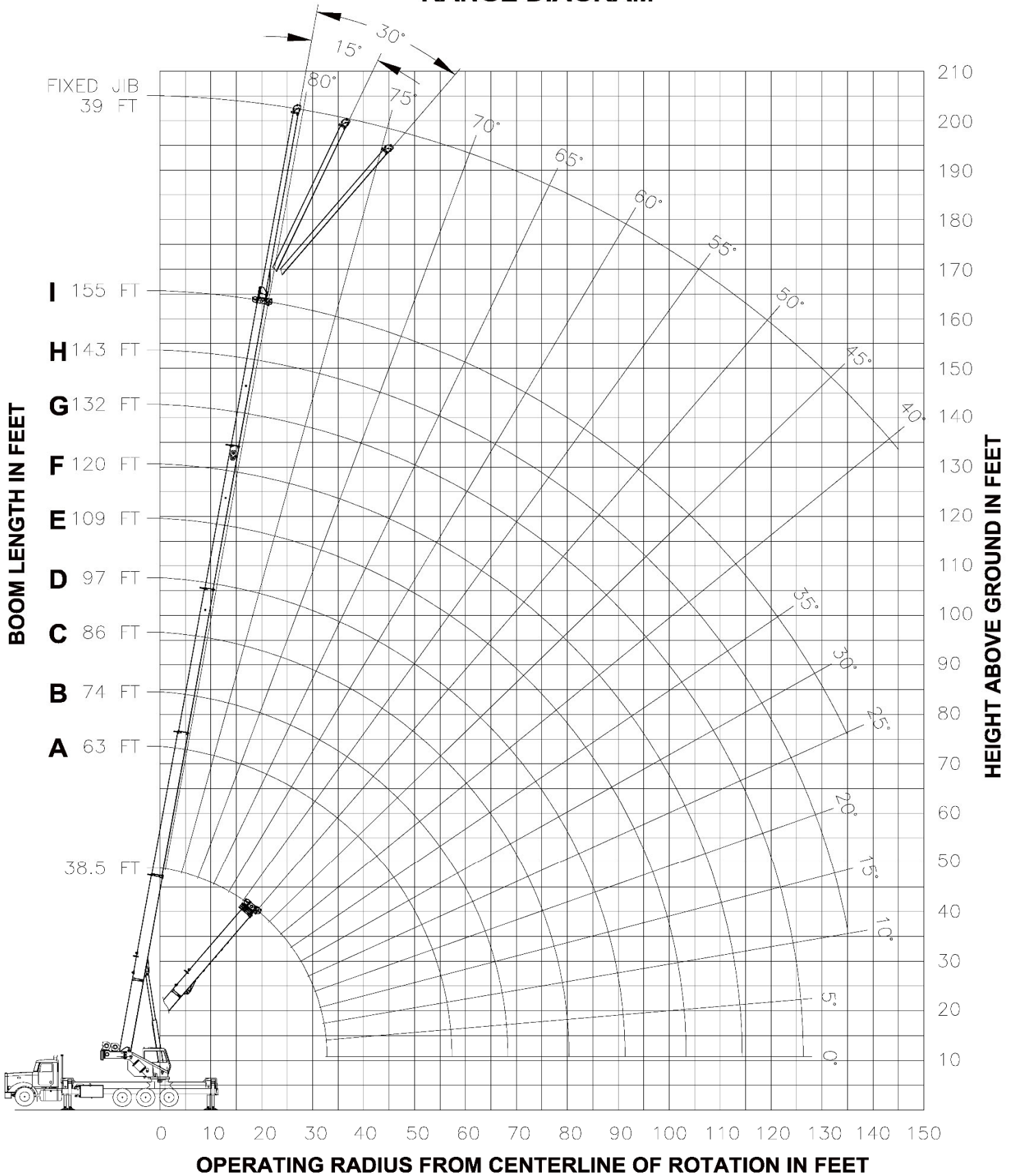
## AREA OF OPERATIONS



### DEDUCTIONS FROM RATED LOADS FOR LOAD HANDLING DEVICES SUPPLIED BY MANITEX

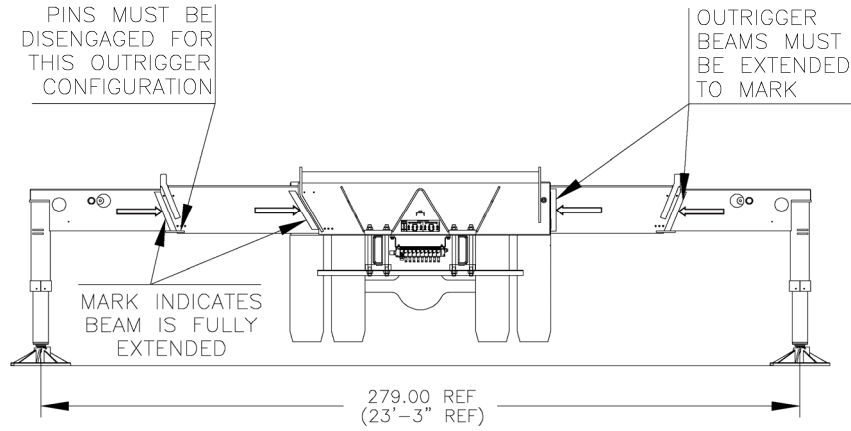
AUXILIARY BLOCK-----	50 LBS
AUXILIARY (ROOSTER) SHEAVE-----	70 LBS
LIFTING FROM MAIN BOOM WITH JIB STOWED OR ERECTED-----	SEE LOAD CHART
OVERHAUL BALL-----	SEE MANUFACTURER NAMEPLATE
LOAD BLOCK-----	SEE MANUFACTURER NAMEPLATE

**- RANGE DIAGRAM -**

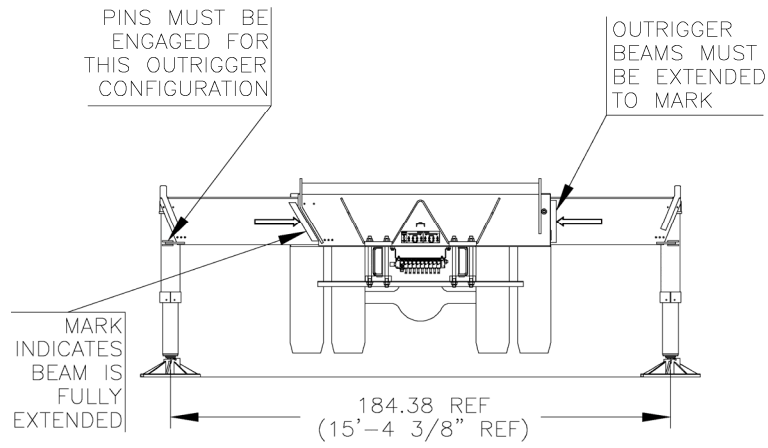




# FULLY EXTENDED OUTRIGGERS

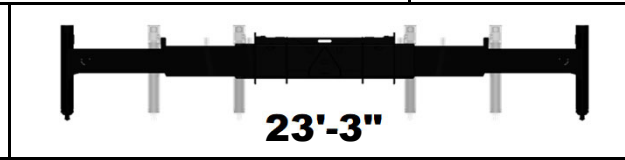


# MID SPAN OUTRIGGERS



# CODE 1

## MAIN BOOM

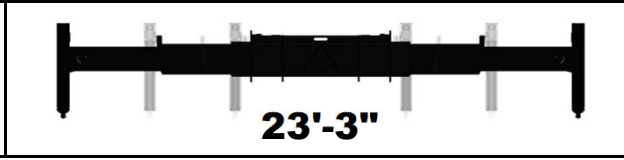
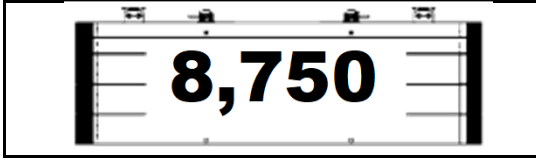


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)	
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT			
6	74°	100000																				6
8	71°	85400																				8
10	67°	75100	77°	40000																		10
12	64°	67000	75°	40000	78°	37700																12
15	59°	57600	73°	40000	76°	36340	79°	31000														15
20	49°	46200	68°	38250	72°	33380	75°	28200	78°	24120												20
25	38°	37400	63°	35040	68°	30620	72°	25970	75°	22200	77°	18000	79°	16260								25
30	23°	28590	57°	30700	63°	28020	68°	23950	71°	20480	74°	17000	77°	15280	78°	13500	80°	11500				30
35			52°	26440	59°	25790	64°	22080	68°	18670	72°	15920	74°	14270	76°	12900	78°	11300	79°	9000		35
40			45°	21870	54°	21870	61°	20370	65°	17210	69°	14700	72°	13310	74°	12000	76°	11000	77°	9000		40
45			38°	18860	49°	19110	57°	18740	62°	15920	66°	13570	69°	12410	72°	11300	74°	10460	76°	9000		45
50			30°	16140	43°	16420	52°	16610	58°	14720	63°	12540	66°	11600	69°	10550	72°	9460	74°	8800		50
55			17°	12420	37°	14190	48°	14390	54°	13620	60°	11580	64°	10840	67°	9610	70°	8880	72°	8320		55
60					29°	12330	43°	12540	50°	12630	56°	10690	61°	9960	65°	9000	68°	8330	70°	7820		60
65					19°	10020	37°	10960	46°	11100	53°	9870	58°	9230	62°	8430	65°	7800	68°	7340		65
70							31°	9600	42°	9750	49°	9150	55°	8550	59°	7880	63°	7300	66°	6880		70
75							23°	8340	37°	8570	46°	8480	52°	7930	57°	7390	61°	6820	64°	6410		75
80							8°	4360	31°	7530	42°	7650	48°	7340	54°	6880	58°	6360	62°	5980		80
85									24°	6610	37°	6740	45°	6790	51°	6360	56°	5940	59°	5560		85
90									12°	4130	32°	5930	41°	6010	48°	5870	53°	5540	57°	5170		90
95											26°	5190	37°	5280	45°	5350	50°	5160	55°	4780		95
100											17°	3830	32°	4630	41°	4700	47°	4740	52°	4430		100
105													26°	4030	37°	4110	44°	4160	50°	4110		105
110													19°	3030	33°	3560	41°	3620	47°	3660		110
115															28°	3060	37°	3120	44°	3170		115
120															22°	2470	33°	2670	41°	2710		120
125															12°	860	29°	2250	38°	2300		125
130																	23°	1800	34°	1910		130
135																			30°	1550		135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15120	0°	6460	0°	4420	0°	2800	0°	1660	0°	680	0°	0	0°	0	0°	0	0°	0	0°	0
		960		590		500		430		390		340		310		280		260		240		STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950		FIXED

# CODE 2

## MAIN BOOM

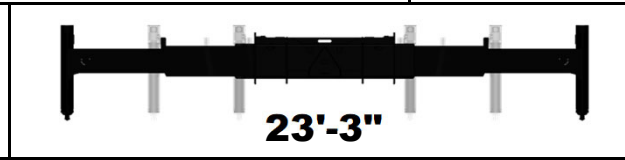
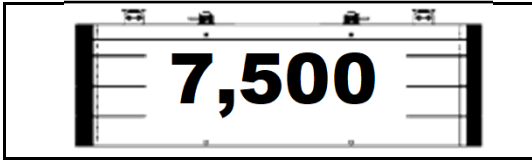


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)	
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT			
6	74°	100000																				6
8	71°	85400																				8
10	67°	75100	77°	40000																		10
12	64°	67000	75°	40000	78°	37700																12
15	59°	57600	73°	40000	76°	36340	79°	31000														15
20	49°	46200	68°	38250	72°	33380	75°	28200	78°	24120												20
25	38°	37400	63°	35040	68°	30620	72°	25970	75°	22200	77°	18000	79°	16260								25
30	23°	28590	57°	30700	63°	28020	68°	23950	71°	20480	74°	17000	77°	15280	78°	13500	80°	11500				30
35			52°	26160	59°	25790	64°	22080	68°	18670	72°	15920	74°	14270	76°	12900	78°	11300	79°	9000		35
40			45°	21870	54°	21870	61°	20370	65°	17210	69°	14700	72°	13310	74°	12000	76°	11000	77°	9000		40
45			38°	18580	49°	18840	57°	18740	62°	15920	66°	13570	69°	12410	72°	11300	74°	10460	76°	9000		45
50			30°	15890	43°	16160	52°	16360	58°	14720	63°	12540	66°	11600	69°	10550	72°	9460	74°	8800		50
55			17°	12420	37°	13960	48°	14160	54°	13620	60°	11580	64°	10840	67°	9610	70°	8880	72°	8320		55
60					29°	12120	43°	12330	50°	12460	56°	10690	61°	9960	65°	9000	68°	8330	70°	7820		60
65					19°	10020	37°	10770	46°	10900	53°	9870	58°	9230	62°	8430	65°	7800	68°	7340		65
70							31°	9420	42°	9570	49°	9150	55°	8550	59°	7880	63°	7300	66°	6880		70
75							23°	8240	37°	8400	46°	8480	52°	7930	57°	7390	61°	6820	64°	6410		75
80							8°	4360	31°	7380	42°	7500	48°	7340	54°	6880	58°	6360	62°	5980		80
85									24°	6460	37°	6590	45°	6670	51°	6360	56°	5940	59°	5560		85
90									12°	4130	32°	5790	41°	5870	48°	5870	53°	5540	57°	5170		90
95											26°	5060	37°	5150	45°	5220	50°	5160	55°	4780		95
100											17°	3830	32°	4500	41°	4570	47°	4620	52°	4430		100
105													26°	3910	37°	3980	44°	4030	50°	4070		105
110													19°	3030	33°	3450	41°	3500	47°	3540		110
115															28°	2950	37°	3010	44°	3060		115
120															22°	2470	33°	2560	41°	2610		120
125															12°	860	29°	2150	38°	2190		125
130																	23°	1760	34°	1810		130
135																			30°	1460		135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15120	0°	6460	0°	4420	0°	2800	0°	1660	0°	680	0°	0	0°	0	0°	0	0°	0	0°	0	
		960		590		500		430		390		340		310		280		260		240			STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950			FIXED

# CODE 3

## MAIN BOOM

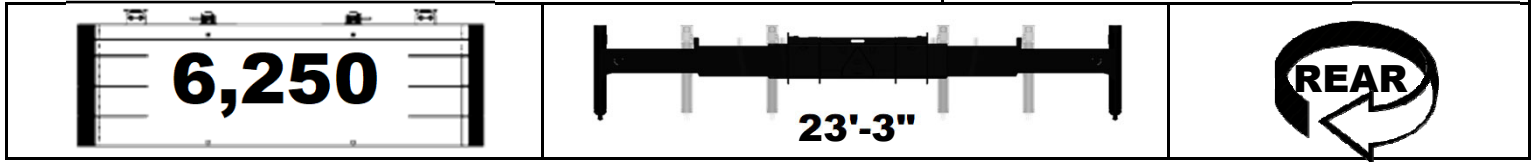


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)	
LENGTH	38.5 FT	63 FT	74 FT	86 FT	97 FT	109 FT	120 FT	132 FT	143 FT	155 FT												
6	74°	100000																				6
8	71°	85400																				8
10	67°	75100	77°	40000																		10
12	64°	67000	75°	40000	78°	37700																12
15	59°	57600	73°	40000	76°	36340	79°	31000														15
20	49°	46200	68°	38250	72°	33380	75°	28200	78°	24120												20
25	38°	37400	63°	35040	68°	30620	72°	25970	75°	22200	77°	18000	79°	16260								25
30	23°	28590	57°	30700	63°	28020	68°	23950	71°	20480	74°	17000	77°	15280	78°	13500	80°	11500				30
35			52°	25800	59°	25790	64°	22080	68°	18670	72°	15920	74°	14270	76°	12900	78°	11300	79°	9000		35
40			45°	21600	54°	21840	61°	20370	65°	17210	69°	14700	72°	13310	74°	12000	76°	11000	77°	9000		40
45			38°	18300	49°	18560	57°	18740	62°	15920	66°	13570	69°	12410	72°	11300	74°	10460	76°	9000		45
50			30°	15640	43°	15910	52°	16100	58°	14720	63°	12540	66°	11600	69°	10550	72°	9460	74°	8800		50
55			17°	12420	37°	13740	48°	13940	54°	13620	60°	11580	64°	10840	67°	9610	70°	8880	72°	8320		55
60					29°	11910	43°	12120	50°	12250	56°	10690	61°	9960	65°	9000	68°	8330	70°	7820		60
65					19°	10020	37°	10580	46°	10710	53°	9870	58°	9230	62°	8430	65°	7800	68°	7340		65
70							31°	9240	42°	9390	49°	9150	55°	8550	59°	7880	63°	7300	66°	6880		70
75							23°	8070	37°	8230	46°	8350	52°	7930	57°	7390	61°	6820	64°	6410		75
80							8°	4360	31°	7220	42°	7340	48°	7340	54°	6880	58°	6360	62°	5980		80
85									24°	6310	37°	6440	45°	6520	51°	6360	56°	5940	59°	5560		85
90									12°	4130	32°	5650	41°	5730	48°	5800	53°	5540	57°	5170		90
95											26°	4930	37°	5020	45°	5090	50°	5130	55°	4780		95
100											17°	3830	32°	4370	41°	4450	47°	4490	52°	4430		100
105													26°	3790	37°	3860	44°	3910	50°	3950		105
110													19°	3030	33°	3330	41°	3390	47°	3430		110
115															28°	2840	37°	2900	44°	2950		115
120															22°	2390	33°	2460	41°	2500		120
125															12°	860	29°	2040	38°	2090		125
130																	23°	1660	34°	1710		130
135																			30°	1360		135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15120	0°	6460	0°	4420	0°	2800	0°	1660	0°	680	0°	0	0°	0	0°	0	0°	0	0°	0
		960		590		500		430		390		340		310		280		260		240		STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950		FIXED

# CODE 4

## MAIN BOOM

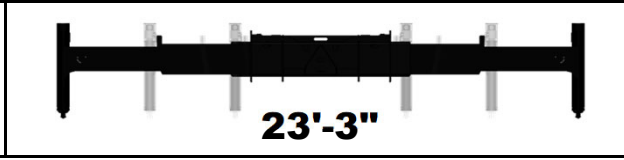
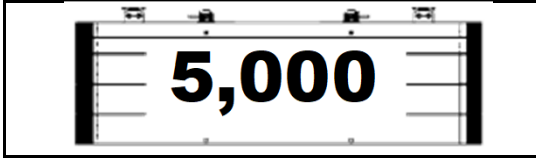


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)	
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT			
6	74°	100000																				6
8	71°	85400																				8
10	67°	75100	77°	40000																		10
12	64°	67000	75°	40000	78°	37700																12
15	59°	57600	73°	40000	76°	36340	79°	31000														15
20	49°	46200	68°	38250	72°	33380	75°	28200	78°	24120												20
25	38°	37400	63°	35040	68°	30620	72°	25970	75°	22200	77°	18000	79°	16260								25
30	23°	28590	57°	30700	63°	28020	68°	23950	71°	20480	74°	17000	77°	15280	78°	13500	80°	11500				30
35			52°	25450	59°	25680	64°	22080	68°	18670	72°	15920	74°	14270	76°	12900	78°	11300	79°	9000		35
40			45°	21280	54°	21530	61°	20370	65°	17210	69°	14700	72°	13310	74°	12000	76°	11000	77°	9000		40
45			38°	18020	49°	18280	57°	18460	62°	15920	66°	13570	69°	12410	72°	11300	74°	10460	76°	9000		45
50			30°	15390	43°	15660	52°	15850	58°	14720	63°	12540	66°	11600	69°	10550	72°	9460	74°	8800		50
55			17°	12420	37°	13510	48°	13710	54°	13620	60°	11580	64°	10840	67°	9610	70°	8880	72°	8320		55
60					29°	11700	43°	11910	50°	12040	56°	10690	61°	9960	65°	9000	68°	8330	70°	7820		60
65					19°	10020	37°	10380	46°	10520	53°	9870	58°	9230	62°	8430	65°	7800	68°	7340		65
70							31°	9060	42°	9210	49°	9150	55°	8550	59°	7880	63°	7300	66°	6880		70
75							23°	7910	37°	8060	46°	8180	52°	7930	57°	7390	61°	6820	64°	6410		75
80							8°	4360	31°	7060	42°	7180	48°	7260	54°	6880	58°	6360	62°	5980		80
85									24°	6160	37°	6300	45°	6380	51°	6360	56°	5940	59°	5560		85
90									12°	4130	32°	5510	41°	5590	48°	5660	53°	5540	57°	5170		90
95											26°	4790	37°	4880	45°	4950	50°	5000	55°	4780		95
100											17°	3830	32°	4250	41°	4320	47°	4370	52°	4410		100
105													26°	3660	37°	3740	44°	3790	50°	3830		105
110													19°	3030	33°	3220	41°	3270	47°	3310		110
115															28°	2730	37°	2790	44°	2840		115
120															22°	2290	33°	2350	41°	2400		120
125															12°	860	29°	1940	38°	1990		125
130																	23°	1560	34°	1620		130
135																			30°	1270		135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15120	0°	6460	0°	4420	0°	2800	0°	1660	0°	680	0°	0	0°	0	0°	0	0°	0	0°	0	
		960		590		500		430		390		340		310		280		260		240			STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950			FIXED

# CODE 5

## MAIN BOOM

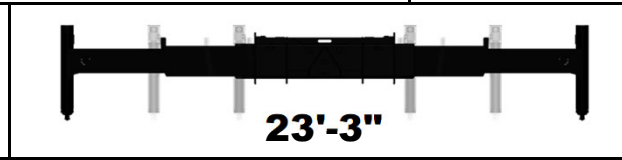
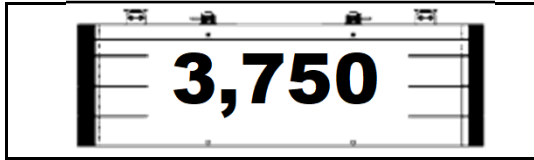


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)	
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT			
6	74°	100000																				6
8	71°	85400																				8
10	67°	75100	77°	40000																		10
12	64°	67000	75°	40000	78°	37700																12
15	59°	57600	73°	40000	76°	36340	79°	31000														15
20	49°	46200	68°	38250	72°	33380	75°	28200	78°	24120												20
25	38°	36940	63°	35040	68°	30620	72°	25970	75°	22200	77°	18000	79°	16260								25
30	23°	28590	57°	30530	63°	28020	68°	23950	71°	20480	74°	17000	77°	15280	78°	13500	80°	11500				30
35			52°	25090	59°	25330	64°	22080	68°	18670	72°	15920	74°	14270	76°	12900	78°	11300	79°	9000		35
40			45°	20970	54°	21220	61°	20370	65°	17210	69°	14700	72°	13310	74°	12000	76°	11000	77°	9000		40
45			38°	17740	49°	18000	57°	18180	62°	15920	66°	13570	69°	12410	72°	11300	74°	10460	76°	9000		45
50			30°	15140	43°	15410	52°	15600	58°	14720	63°	12540	66°	11600	69°	10550	72°	9460	74°	8800		50
55			17°	12420	37°	13280	48°	13480	54°	13600	60°	11580	64°	10840	67°	9610	70°	8880	72°	8320		55
60					29°	11490	43°	11700	50°	11830	56°	10690	61°	9960	65°	9000	68°	8330	70°	7820		60
65					19°	9950	37°	10190	46°	10320	53°	9870	58°	9230	62°	8430	65°	7800	68°	7340		65
70							31°	8880	42°	9030	49°	9130	55°	8550	59°	7880	63°	7300	66°	6880		70
75							23°	7740	37°	7900	46°	8010	52°	7930	57°	7390	61°	6820	64°	6410		75
80							8°	4360	31°	6900	42°	7020	48°	7100	54°	6880	58°	6360	62°	5980		80
85									24°	6020	37°	6150	45°	6230	51°	6290	56°	5940	59°	5560		85
90									12°	4130	32°	5360	41°	5450	48°	5520	53°	5540	57°	5170		90
95											26°	4660	37°	4750	45°	4820	50°	4870	55°	4780		95
100											17°	3830	32°	4120	41°	4190	47°	4240	52°	4280		100
105													26°	3540	37°	3620	44°	3670	50°	3710		105
110													19°	3010	33°	3100	41°	3160	47°	3200		110
115															28°	2620	37°	2680	44°	2730		115
120															22°	2180	33°	2250	41°	2290		120
125															12°	860	29°	1840	38°	1890		125
130																	23°	1460	34°	1520		130
135																			30°	1170		135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15120	0°	6460	0°	4420	0°	2800	0°	1660	0°	680	0°	0	0°	0	0°	0	0°	0	0°	0	
		960		590		500		430		390		340		310		280		260		240			STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950			FIXED

# CODE 6

## MAIN BOOM

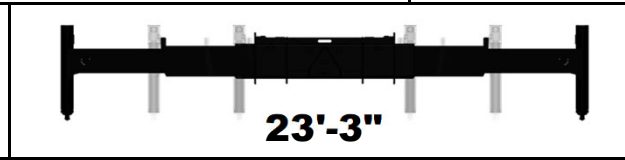
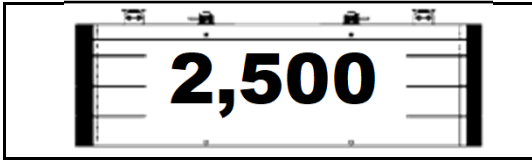


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)	
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT			
6	74°	100000																				6
8	71°	85400																				8
10	67°	75100	77°	40000																		10
12	64°	67000	75°	40000	78°	37700																12
15	59°	57600	73°	40000	76°	36340	79°	31000														15
20	49°	46200	68°	38250	72°	33380	75°	28200	78°	24120												20
25	38°	36440	63°	35040	68°	30620	72°	25970	75°	22200	77°	18000	79°	16260								25
30	23°	28590	57°	30120	63°	28020	68°	23950	71°	20480	74°	17000	77°	15280	78°	13500	80°	11500				30
35			52°	24730	59°	24970	64°	22080	68°	18670	72°	15920	74°	14270	76°	12900	78°	11300	79°	9000		35
40			45°	20660	54°	20900	61°	20370	65°	17210	69°	14700	72°	13310	74°	12000	76°	11000	77°	9000		40
45			38°	17470	49°	17720	57°	17910	62°	15920	66°	13570	69°	12410	72°	11300	74°	10460	76°	9000		45
50			30°	14880	43°	15160	52°	15350	58°	14720	63°	12540	66°	11600	69°	10550	72°	9460	74°	8800		50
55			17°	12420	37°	13050	48°	13250	54°	13370	60°	11580	64°	10840	67°	9610	70°	8880	72°	8320		55
60					29°	11280	43°	11490	50°	11620	56°	10690	61°	9960	65°	9000	68°	8330	70°	7820		60
65					19°	9750	37°	9990	46°	10130	53°	9870	58°	9230	62°	8430	65°	7800	68°	7340		65
70							31°	8700	42°	8850	49°	8950	55°	8550	59°	7880	63°	7300	66°	6880		70
75							23°	7570	37°	7730	46°	7840	52°	7910	57°	7390	61°	6820	64°	6410		75
80							8°	4360	31°	6740	42°	6860	48°	6940	54°	6880	58°	6360	62°	5980		80
85									24°	5870	37°	6000	45°	6080	51°	6140	56°	5940	59°	5560		85
90									12°	4130	32°	5220	41°	5310	48°	5370	53°	5420	57°	5170		90
95											26°	4530	37°	4620	45°	4690	50°	4730	55°	4770		95
100											17°	3830	32°	3990	41°	4070	47°	4110	52°	4150		100
105													26°	3420	37°	3500	44°	3550	50°	3590		105
110													19°	2900	33°	2990	41°	3040	47°	3080		110
115															28°	2510	37°	2570	44°	2610		115
120															22°	2080	33°	2140	41°	2190		120
125															12°	860	29°	1740	38°	1790		125
130																	23°	1370	34°	1420		130
135																			30°	1080		135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15120	0°	6460	0°	4420	0°	2800	0°	1660	0°	680	0°	0	0°	0	0°	0	0°	0	0°	0
		960		590		500		430		390		340		310		280		260		240		STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950		FIXED

# CODE 7

## MAIN BOOM



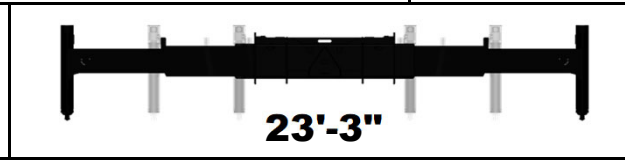
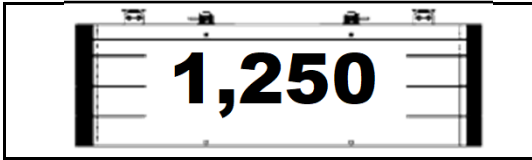
LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)	
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT			
6	74°	100000																				6
8	71°	85400																				8
10	67°	75100	77°	40000																		10
12	64°	67000	75°	40000	78°	37700																12
15	59°	57600	73°	40000	76°	36340	79°	31000														15
20	49°	46200	68°	38250	72°	33380	75°	28200	78°	24120												20
25	38°	35950	63°	35040	68°	30620	72°	25970	75°	22200	77°	18000	79°	16260								25
30	23°	28480	57°	29700	63°	28020	68°	23950	71°	20480	74°	17000	77°	15280	78°	13500	80°	11500				30
35			52°	24380	59°	24610	64°	22080	68°	18670	72°	15920	74°	14270	76°	12900	78°	11300	79°	9000		35
40			45°	20350	54°	20590	61°	20370	65°	17210	69°	14700	72°	13310	74°	12000	76°	11000	77°	9000		40
45			38°	17190	49°	17440	57°	17630	62°	15920	66°	13570	69°	12410	72°	11300	74°	10460	76°	9000		45
50			30°	14630	43°	14910	52°	15100	58°	14720	63°	12540	66°	11600	69°	10550	72°	9460	74°	8800		50
55			17°	12420	37°	12820	48°	13020	54°	13150	60°	11580	64°	10840	67°	9610	70°	8880	72°	8320		55
60					29°	11070	43°	11280	50°	11410	56°	10690	61°	9960	65°	9000	68°	8330	70°	7820		60
65					19°	9560	37°	9800	46°	9930	53°	9870	58°	9230	62°	8430	65°	7800	68°	7340		65
70							31°	8520	42°	8670	49°	8770	55°	8550	59°	7880	63°	7300	66°	6880		70
75							23°	7400	37°	7560	46°	7670	52°	7750	57°	7390	61°	6820	64°	6410		75
80							8°	4360	31°	6590	42°	6710	48°	6780	54°	6840	58°	6360	62°	5980		80
85									24°	5720	37°	5850	45°	5930	51°	5990	56°	5940	59°	5560		85
90									12°	4130	32°	5080	41°	5170	48°	5230	53°	5280	57°	5170		90
95											26°	4390	37°	4490	45°	4550	50°	4600	55°	4640		95
100											17°	3760	32°	3870	41°	3940	47°	3990	52°	4030		100
105													26°	3300	37°	3380	44°	3430	50°	3470		105
110													19°	2780	33°	2870	41°	2930	47°	2970		110
115															28°	2400	37°	2460	44°	2500		115
120															22°	1960	33°	2030	41°	2080		120
125															12°	860	29°	1630	38°	1680		125
130																	23°	1260	34°	1310		130
135																			30°	970		135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15120	0°	6460	0°	4420	0°	2800	0°	1660	0°	680	0°	0	0°	0	0°	0	0°	0		
		960		590		500		430		390		340		310		280		260		240		STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950		FIXED



# CODE 8

## MAIN BOOM

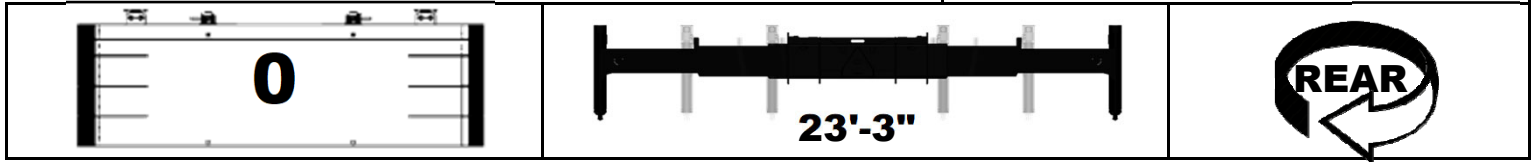


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)	
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT			
6	74°	100000																				6
8	71°	85400																				8
10	67°	75100	77°	40000																		10
12	64°	67000	75°	40000	78°	37700																12
15	59°	57600	73°	40000	76°	36340	79°	31000														15
20	49°	46200	68°	38250	72°	33380	75°	28200	78°	24120												20
25	38°	35450	63°	35040	68°	30620	72°	25970	75°	22200	77°	18000	79°	16260								25
30	23°	28070	57°	29290	63°	28020	68°	23950	71°	20480	74°	17000	77°	15280	78°	13500	80°	11500				30
35			52°	24020	59°	24260	64°	22080	68°	18670	72°	15920	74°	14270	76°	12900	78°	11300	79°	9000		35
40			45°	20030	54°	20280	61°	20370	65°	17210	69°	14700	72°	13310	74°	12000	76°	11000	77°	9000		40
45			38°	16910	49°	17160	57°	17350	62°	15920	66°	13570	69°	12410	72°	11300	74°	10460	76°	9000		45
50			30°	14380	43°	14660	52°	14850	58°	14720	63°	12540	66°	11600	69°	10550	72°	9460	74°	8800		50
55			17°	12280	37°	12590	48°	12790	54°	12920	60°	11580	64°	10840	67°	9610	70°	8880	72°	8320		55
60					29°	10860	43°	11070	50°	11200	56°	10690	61°	9960	65°	9000	68°	8330	70°	7820		60
65					19°	9370	37°	9610	46°	9740	53°	9840	58°	9230	62°	8430	65°	7800	68°	7340		65
70							31°	8340	42°	8490	49°	8590	55°	8550	59°	7880	63°	7300	66°	6880		70
75							23°	7230	37°	7390	46°	7500	52°	7580	57°	7390	61°	6820	64°	6410		75
80							8°	4360	31°	6430	42°	6550	48°	6620	54°	6690	58°	6360	62°	5980		80
85									24°	5570	37°	5700	45°	5780	51°	5840	56°	5890	59°	5560		85
90									12°	4130	32°	4940	41°	5030	48°	5090	53°	5140	57°	5170		90
95											26°	4260	37°	4350	45°	4420	50°	4470	55°	4500		95
100											17°	3630	32°	3740	41°	3810	47°	3860	52°	3900		100
105													26°	3170	37°	3260	44°	3310	50°	3350		105
110													19°	2650	33°	2740	41°	2800	47°	2840		110
115															28°	2270	37°	2330	44°	2380		115
120															22°	1840	33°	1910	41°	1950		120
125															12°	860	29°	1510	38°	1560		125
130																	23°	1140	34°	1200		130
135																			30°	860		135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15120	0°	6460	0°	4420	0°	2800	0°	1660	0°	680	0°	0	0°	0	0°	0	0°	0	0°	0
		960		590		500		430		390		340		310		280		260		240		STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950		FIXED

# CODE 9

## MAIN BOOM

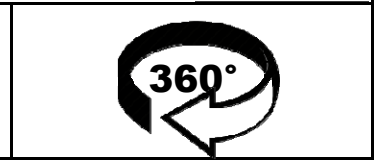
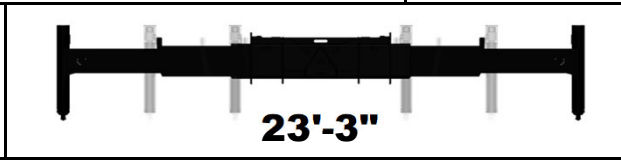


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)	
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT			
6	74°	100000																				6
8	71°	85400																				8
10	67°	75100	77°	40000																		10
12	64°	67000	75°	40000	78°	37700																12
15	59°	57600	73°	40000	76°	36340	79°	31000														15
20	49°	45680	68°	38250	72°	33380	75°	28200	78°	24120												20
25	38°	34960	63°	35040	68°	30620	72°	25970	75°	22200	77°	18000	79°	16260								25
30	23°	27650	57°	28870	63°	28020	68°	23950	71°	20480	74°	17000	77°	15280	78°	13500	80°	11500				30
35			52°	23660	59°	23900	64°	22080	68°	18670	72°	15920	74°	14270	76°	12900	78°	11300	79°	9000		35
40			45°	19720	54°	19970	61°	20150	65°	17210	69°	14700	72°	13310	74°	12000	76°	11000	77°	9000		40
45			38°	16630	49°	16890	57°	17070	62°	15920	66°	13570	69°	12410	72°	11300	74°	10460	76°	9000		45
50			30°	14130	43°	14410	52°	14600	58°	14720	63°	12540	66°	11600	69°	10550	72°	9460	74°	8800		50
55			17°	12050	37°	12360	48°	12560	54°	12690	60°	11580	64°	10840	67°	9610	70°	8880	72°	8320		55
60					29°	10650	43°	10860	50°	10990	56°	10690	61°	9960	65°	9000	68°	8330	70°	7820		60
65					19°	9170	37°	9410	46°	9550	53°	9650	58°	9230	62°	8430	65°	7800	68°	7340		65
70							31°	8160	42°	8310	49°	8410	55°	8480	59°	7880	63°	7300	66°	6880		70
75							23°	7060	37°	7220	46°	7340	52°	7410	57°	7390	61°	6820	64°	6410		75
80							8°	4360	31°	6220	42°	6340	48°	6420	54°	6490	58°	6360	62°	5980		80
85									24°	5340	37°	5470	45°	5560	51°	5620	56°	5670	59°	5560		85
90									12°	4130	32°	4710	41°	4790	48°	4860	53°	4910	57°	4950		90
95											26°	4030	37°	4120	45°	4190	50°	4240	55°	4280		95
100											17°	3410	32°	3520	41°	3590	47°	3640	52°	3690		100
105													26°	2980	37°	3060	44°	3110	50°	3150		105
110													19°	2480	33°	2570	41°	2630	47°	2670		110
115															28°	2130	37°	2190	44°	2230		115
120																22°	1710	33°	1780	41°	1830	120
125																12°	860	29°	1390	38°	1440	125
130																		23°	1020	34°	1080	130
135																						135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15120	0°	6460	0°	4420	0°	2800	0°	1660	0°	680	0°	0	0°	0	0°	0	0°	0		
		960		590		500		430		390		340		310		280		260		240		STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950		FIXED

# CODE 10

## MAIN BOOM

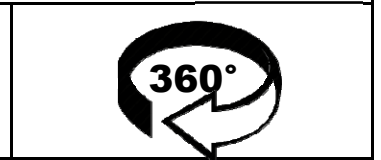
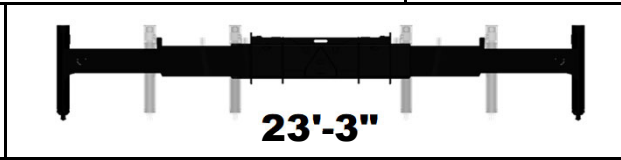
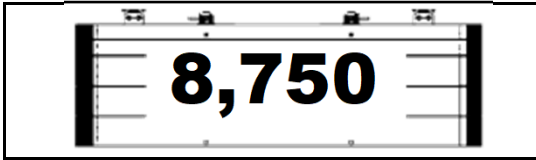


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)	
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT			
6	74°	100000																				6
8	71°	85400																				8
10	67°	75100	77°	40000																		10
12	64°	67000	75°	40000	78°	37700																12
15	59°	57600	73°	40000	76°	36340	79°	31000														15
20	49°	46200	68°	38250	72°	33380	75°	28200	78°	24120												20
25	38°	37400	63°	35040	68°	30620	72°	25970	75°	22200	77°	18000	79°	16260								25
30	23°	28590	57°	30700	63°	28020	68°	23950	71°	20480	74°	17000	77°	15280	78°	13500	80°	11500				30
35			52°	26440	59°	25790	64°	22080	68°	18670	72°	15920	74°	14270	76°	12900	78°	11300	79°	9000		35
40			45°	21870	54°	21870	61°	20370	65°	17210	69°	14700	72°	13310	74°	12000	76°	11000	77°	9000		40
45			38°	18330	49°	18650	57°	18740	62°	15920	66°	13570	69°	12410	72°	11300	74°	10460	76°	9000		45
50			30°	14990	43°	15310	52°	15540	58°	14720	63°	12540	66°	11600	69°	10550	72°	9460	74°	8800		50
55			17°	12380	37°	12730	48°	12960	54°	13110	60°	11580	64°	10840	67°	9610	70°	8880	72°	8320		55
60					29°	10680	43°	10920	50°	11060	56°	10690	61°	9960	65°	9000	68°	8330	70°	7820		60
65					19°	8990	37°	9250	46°	9400	53°	9520	58°	9230	62°	8430	65°	7800	68°	7340		65
70							31°	7860	42°	8020	49°	8140	55°	8220	59°	7880	63°	7300	66°	6880		70
75							23°	6680	37°	6850	46°	6970	52°	7050	57°	7120	61°	6820	64°	6410		75
80							8°	4360	31°	5850	42°	5970	48°	6060	54°	6130	58°	6180	62°	5980		80
85									24°	4970	37°	5110	45°	5190	51°	5260	56°	5310	59°	5360		85
90									12°	4130	32°	4350	41°	4440	48°	4510	53°	4560	57°	4610		90
95											26°	3680	37°	3780	45°	3850	50°	3900	55°	3940		95
100											17°	3070	32°	3180	41°	3260	47°	3310	52°	3350		100
105													26°	2650	37°	2730	44°	2780	50°	2830		105
110													19°	2160	33°	2250	41°	2310	47°	2350		110
115															28°	1820	37°	1880	44°	1930		115
120															22°	1420	33°	1490	41°	1540		120
125															12°	860	29°	1130	38°	1180		125
130																						130
135																						135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15120	0°	6460	0°	4420	0°	2800	0°	1660	0°	680	0°	0	0°	0	0°	0	0°	0	0°	0
		960		590		500		430		390		340		310		280		260		240		STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950		FIXED

# CODE 11

## MAIN BOOM

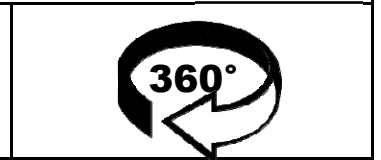
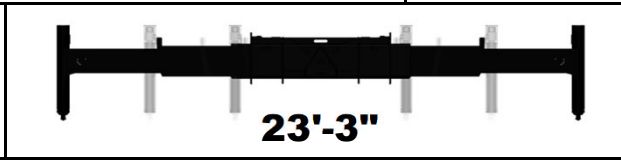
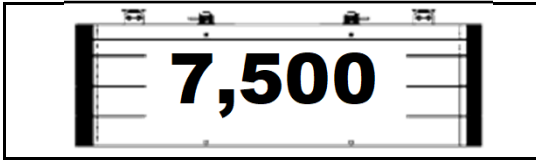


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)	
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT			
6	74°	100000																				6
8	71°	85400																				8
10	67°	75100	77°	40000																		10
12	64°	67000	75°	40000	78°	37700																12
15	59°	57600	73°	40000	76°	36340	79°	31000														15
20	49°	46200	68°	38250	72°	33380	75°	28200	78°	24120												20
25	38°	37400	63°	35040	68°	30620	72°	25970	75°	22200	77°	18000	79°	16260								25
30	23°	28590	57°	30700	63°	28020	68°	23950	71°	20480	74°	17000	77°	15280	78°	13500	80°	11500				30
35			52°	26160	59°	25790	64°	22080	68°	18670	72°	15920	74°	14270	76°	12900	78°	11300	79°	9000		35
40			45°	21870	54°	21870	61°	20370	65°	17210	69°	14700	72°	13310	74°	12000	76°	11000	77°	9000		40
45			38°	17620	49°	17940	57°	18170	62°	15920	66°	13570	69°	12410	72°	11300	74°	10460	76°	9000		45
50			30°	14370	43°	14690	52°	14920	58°	14720	63°	12540	66°	11600	69°	10550	72°	9460	74°	8800		50
55			17°	11830	37°	12190	48°	12420	54°	12560	60°	11580	64°	10840	67°	9610	70°	8880	72°	8320		55
60					29°	10190	43°	10430	50°	10570	56°	10690	61°	9960	65°	9000	68°	8330	70°	7820		60
65					19°	8550	37°	8810	46°	8960	53°	9070	58°	9160	62°	8430	65°	7800	68°	7340		65
70							31°	7460	42°	7610	49°	7730	55°	7810	59°	7880	63°	7300	66°	6880		70
75							23°	6310	37°	6470	46°	6600	52°	6680	57°	6750	61°	6800	64°	6410		75
80							8°	4360	31°	5500	42°	5630	48°	5710	54°	5780	58°	5830	62°	5870		80
85									24°	4650	37°	4790	45°	4870	51°	4940	56°	4990	59°	5030		85
90									12°	3890	32°	4050	41°	4140	48°	4210	53°	4260	57°	4300		90
95											26°	3400	37°	3490	45°	3560	50°	3610	55°	3660		95
100											17°	2810	32°	2910	41°	2990	47°	3040	52°	3090		100
105													26°	2400	37°	2480	44°	2530	50°	2570		105
110													19°	1920	33°	2010	41°	2070	47°	2110		110
115															28°	1590	37°	1650	44°	1700		115
120															22°	1200	33°	1270	41°	1320		120
125																	29°	920	38°	970		125
130																						130
135																						135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15120	0°	6460	0°	4420	0°	2800	0°	1660	0°	680	0°	0	0°	0	0°	0	0°	0	0°	0	
		960		590		500		430		390		340		310		280		260		240			STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950			FIXED

# CODE 12

## MAIN BOOM

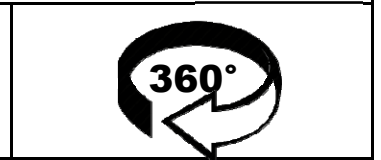
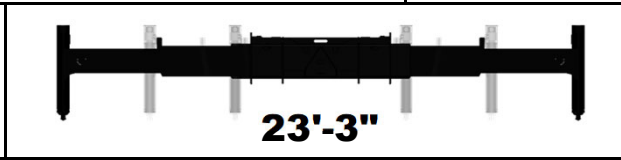
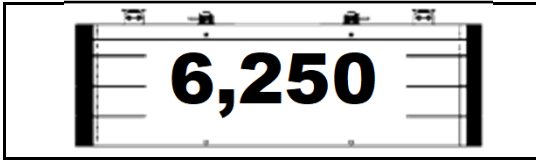


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)	
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT			
6	74°	100000																				6
8	71°	85400																				8
10	67°	75100	77°	40000																		10
12	64°	67000	75°	40000	78°	37700																12
15	59°	57600	73°	40000	76°	36340	79°	31000														15
20	49°	46200	68°	38250	72°	33380	75°	28200	78°	24120												20
25	38°	37400	63°	35040	68°	30620	72°	25970	75°	22200	77°	18000	79°	16260								25
30	23°	28590	57°	30700	63°	28020	68°	23950	71°	20480	74°	17000	77°	15280	78°	13500	80°	11500				30
35			52°	25800	59°	25790	64°	22080	68°	18670	72°	15920	74°	14270	76°	12900	78°	11300	79°	9000		35
40			45°	21160	54°	21480	61°	20370	65°	17210	69°	14700	72°	13310	74°	12000	76°	11000	77°	9000		40
45			38°	16910	49°	17220	57°	17460	62°	15920	66°	13570	69°	12410	72°	11300	74°	10460	76°	9000		45
50			30°	13750	43°	14070	52°	14300	58°	14450	63°	12540	66°	11600	69°	10550	72°	9460	74°	8800		50
55			17°	11290	37°	11640	48°	11870	54°	12020	60°	11580	64°	10840	67°	9610	70°	8880	72°	8320		55
60					29°	9700	43°	9940	50°	10080	56°	10200	61°	9960	65°	9000	68°	8330	70°	7820		60
65					19°	8100	37°	8360	46°	8510	53°	8630	58°	8710	62°	8430	65°	7800	68°	7340		65
70							31°	7050	42°	7200	49°	7320	55°	7410	59°	7480	63°	7300	66°	6880		70
75							23°	5930	37°	6100	46°	6220	52°	6300	57°	6370	61°	6420	64°	6410		75
80							8°	4360	31°	5150	42°	5280	48°	5360	54°	5430	58°	5480	62°	5530		80
85									24°	4330	37°	4460	45°	4550	51°	4620	56°	4670	59°	4710		85
90									12°	3580	32°	3750	41°	3840	48°	3910	53°	3960	57°	4000		90
95											26°	3110	37°	3210	45°	3280	50°	3330	55°	3370		95
100											17°	2540	32°	2650	41°	2720	47°	2770	52°	2820		100
105													26°	2140	37°	2220	44°	2280	50°	2320		105
110													19°	1680	33°	1770	41°	1830	47°	1870		110
115															28°	1360	37°	1420	44°	1470		115
120															22°	990	33°	1050	41°	1100		120
125																						125
130																						130
135																						135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15120	0°	6460	0°	4420	0°	2800	0°	1660	0°	680	0°	0	0°	0	0°	0	0°	0		
		960		590		500		430		390		340		310		280		260		240		STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950		FIXED

# CODE 13

## MAIN BOOM

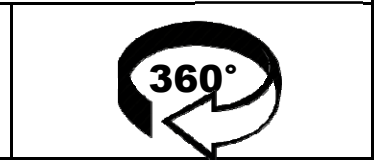
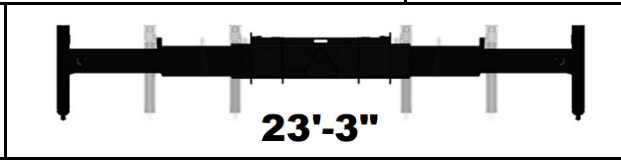


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)	
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT			
6	74°	100000																				6
8	71°	85400																				8
10	67°	75100	77°	40000																		10
12	64°	67000	75°	40000	78°	37700																12
15	59°	57600	73°	40000	76°	36340	79°	31000														15
20	49°	46200	68°	38250	72°	33380	75°	28200	78°	24120												20
25	38°	37400	63°	35040	68°	30620	72°	25970	75°	22200	77°	18000	79°	16260								25
30	23°	28590	57°	30700	63°	28020	68°	23950	71°	20480	74°	17000	77°	15280	78°	13500	80°	11500				30
35			52°	25450	59°	25680	64°	22080	68°	18670	72°	15920	74°	14270	76°	12900	78°	11300	79°	9000		35
40			45°	20330	54°	20640	61°	20370	65°	17210	69°	14700	72°	13310	74°	12000	76°	11000	77°	9000		40
45			38°	16200	49°	16510	57°	16750	62°	15920	66°	13570	69°	12410	72°	11300	74°	10460	76°	9000		45
50			30°	13140	43°	13460	52°	13680	58°	13830	63°	12540	66°	11600	69°	10550	72°	9460	74°	8800		50
55			17°	10740	37°	11090	48°	11320	54°	11470	60°	11580	64°	10840	67°	9610	70°	8880	72°	8320		55
60					29°	9210	43°	9450	50°	9590	56°	9710	61°	9800	65°	9000	68°	8330	70°	7820		60
65					19°	7660	37°	7920	46°	8070	53°	8190	58°	8270	62°	8340	65°	7800	68°	7340		65
70							31°	6640	42°	6800	49°	6920	55°	7000	59°	7070	63°	7120	66°	6880		70
75							23°	5560	37°	5730	46°	5850	52°	5930	57°	6000	61°	6050	64°	6100		75
80							8°	4360	31°	4810	42°	4930	48°	5020	54°	5090	58°	5140	62°	5180		80
85									24°	4000	37°	4140	45°	4230	51°	4300	56°	4350	59°	4390		85
90									12°	3280	32°	3440	41°	3530	48°	3600	53°	3650	57°	3700		90
95											26°	2830	37°	2920	45°	3000	50°	3050	55°	3090		95
100											17°	2270	32°	2380	41°	2450	47°	2510	52°	2550		100
105													26°	1890	37°	1970	44°	2020	50°	2070		105
110													19°	1440	33°	1530	41°	1590	47°	1630		110
115															28°	1130	37°	1190	44°	1240		115
120																			41°	880		120
125																						125
130																						130
135																						135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15120	0°	6460	0°	4420	0°	2800	0°	1660	0°	680	0°	0	0°	0	0°	0	0°	0		
		960		590		500		430		390		340		310		280		260		240		STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950		FIXED

# CODE 14

## MAIN BOOM

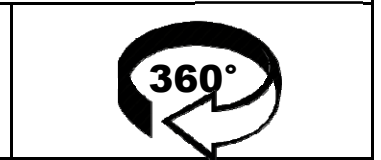
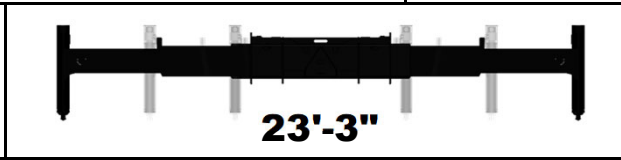
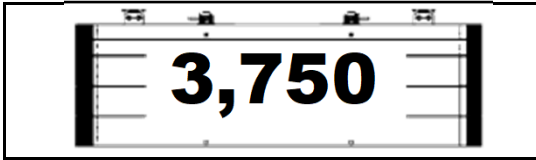


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)		
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT		
6	74°	100000																		6	
8	71°	85400																		8	
10	67°	75100	77°	40000																10	
12	64°	67000	75°	40000	78°	37700														12	
15	59°	57600	73°	40000	76°	36340	79°	31000												15	
20	49°	46200	68°	38250	72°	33380	75°	28200	78°	24120										20	
25	38°	36940	63°	35040	68°	30620	72°	25970	75°	22200	77°	18000	79°	16260						25	
30	23°	28590	57°	30530	63°	28020	68°	23950	71°	20480	74°	17000	77°	15280	78°	13500	80°	11500		30	
35			52°	25090	59°	25330	64°	22080	68°	18670	72°	15920	74°	14270	76°	12900	78°	11300	79°	9000	35
40			45°	19490	54°	19810	61°	20050	65°	17210	69°	14700	72°	13310	74°	12000	76°	11000	77°	9000	40
45			38°	15490	49°	15800	57°	16040	62°	15920	66°	13570	69°	12410	72°	11300	74°	10460	76°	9000	45
50			30°	12520	43°	12840	52°	13070	58°	13220	63°	12540	66°	11600	69°	10550	72°	9460	74°	8800	50
55			17°	10200	37°	10550	48°	10780	54°	10920	60°	11050	64°	10840	67°	9610	70°	8880	72°	8320	55
60					29°	8720	43°	8960	50°	9100	56°	9220	61°	9310	65°	9000	68°	8330	70°	7820	60
65					19°	7210	37°	7470	46°	7620	53°	7740	58°	7820	62°	7900	65°	7800	68°	7340	65
70							31°	6240	42°	6390	49°	6510	55°	6590	59°	6660	63°	6720	66°	6760	70
75							23°	5180	37°	5350	46°	5470	52°	5560	57°	5630	61°	5680	64°	5720	75
80							8°	4240	31°	4460	42°	4590	48°	4670	54°	4740	58°	4790	62°	4830	80
85									24°	3680	37°	3820	45°	3900	51°	3970	56°	4020	59°	4070	85
90									12°	2980	32°	3140	41°	3230	48°	3300	53°	3350	57°	3400	90
95											26°	2540	37°	2640	45°	2710	50°	2760	55°	2810	95
100											17°	2000	32°	2110	41°	2190	47°	2240	52°	2280	100
105													26°	1630	37°	1720	44°	1770	50°	1810	105
110													19°	1200	33°	1290	41°	1350	47°	1390	110
115															28°	900	37°	960	44°	1010	115
120																					120
125																					125
130																					130
135																					135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15120	0°	6460	0°	4420	0°	2800	0°	1660	0°	680	0°	0	0°	0	0°	0	0°	0	
		960		590		500		430		390		340		310		280		260		240	STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950	FIXED

# CODE 15

## MAIN BOOM



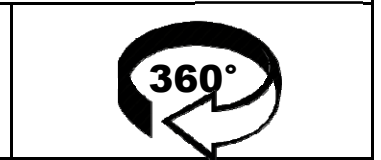
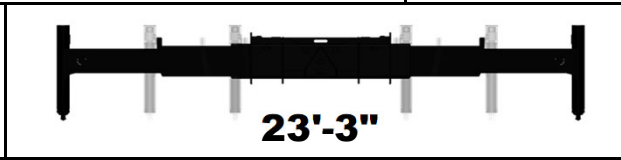
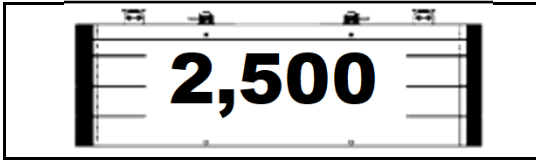
LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)	
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT			
6	74°	100000																				6
8	71°	85400																				8
10	67°	75100	77°	40000																		10
12	64°	67000	75°	40000	78°	37700																12
15	59°	57600	73°	40000	76°	36340	79°	31000														15
20	49°	46200	68°	38250	72°	33380	75°	28200	78°	24120												20
25	38°	36440	63°	35040	68°	30620	72°	25970	75°	22200	77°	18000	79°	16260								25
30	23°	28590	57°	30120	63°	28020	68°	23950	71°	20480	74°	17000	77°	15280	78°	13500	80°	11500				30
35			52°	24170	59°	24500	64°	22080	68°	18670	72°	15920	74°	14270	76°	12900	78°	11300	79°	9000		35
40			45°	18660	54°	18970	61°	19210	65°	17210	69°	14700	72°	13310	74°	12000	76°	11000	77°	9000		40
45			38°	14780	49°	15090	57°	15330	62°	15480	66°	13570	69°	12410	72°	11300	74°	10460	76°	9000		45
50			30°	11900	43°	12220	52°	12450	58°	12600	63°	12540	66°	11600	69°	10550	72°	9460	74°	8800		50
55			17°	9650	37°	10000	48°	10230	54°	10380	60°	10500	64°	10580	67°	9610	70°	8880	72°	8320		55
60					29°	8230	43°	8470	50°	8620	56°	8730	61°	8820	65°	8890	68°	8330	70°	7820		60
65					19°	6770	37°	7030	46°	7180	53°	7300	58°	7380	62°	7450	65°	7500	68°	7340		65
70							31°	5830	42°	5990	49°	6110	55°	6190	59°	6260	63°	6310	66°	6350		70
75							23°	4810	37°	4980	46°	5100	52°	5180	57°	5250	61°	5300	64°	5350		75
80							8°	3900	31°	4110	42°	4240	48°	4320	54°	4390	58°	4440	62°	4490		80
85									24°	3360	37°	3490	45°	3580	51°	3650	56°	3700	59°	3740		85
90									12°	2680	32°	2840	41°	2930	48°	3000	53°	3050	57°	3090		90
95											26°	2260	37°	2350	45°	2430	50°	2480	55°	2520		95
100											17°	1730	32°	1840	41°	1920	47°	1970	52°	2010		100
105													26°	1380	37°	1460	44°	1510	50°	1560		105
110													19°	960	33°	1050	41°	1100	47°	1150		110
115																						115
120																						120
125																						125
130																						130
135																						135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15120	0°	6460	0°	4420	0°	2800	0°	1660	0°	680	0°	0	0°	0	0°	0	0°	0		
		960		590		500		430		390		340		310		280		260		240		STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950		FIXED



# CODE 16

## MAIN BOOM

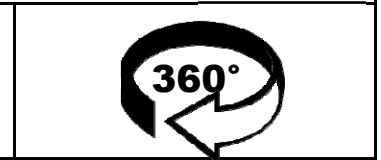
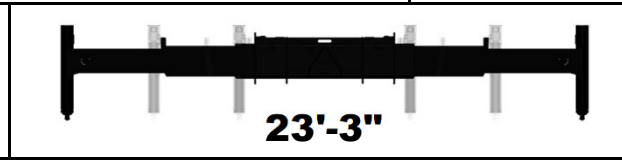
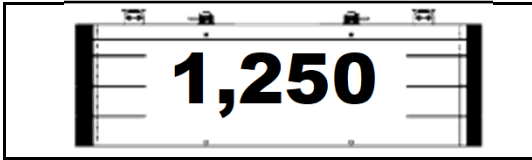


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)		
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT		
6	74°	100000																		6	
8	71°	85400																		8	
10	67°	75100	77°	40000																10	
12	64°	67000	75°	40000	78°	37700														12	
15	59°	57600	73°	40000	76°	36340	79°	31000												15	
20	49°	46200	68°	38250	72°	33380	75°	28200	78°	24120										20	
25	38°	35950	63°	35040	68°	30620	72°	25970	75°	22200	77°	18000	79°	16260						25	
30	23°	28480	57°	29700	63°	28020	68°	23950	71°	20480	74°	17000	77°	15280	78°	13500	80°	11500		30	
35			52°	23150	59°	23490	64°	22080	68°	18670	72°	15920	74°	14270	76°	12900	78°	11300	79°	9000	35
40			45°	17820	54°	18140	61°	18380	65°	17210	69°	14700	72°	13310	74°	12000	76°	11000	77°	9000	40
45			38°	14070	49°	14380	57°	14610	62°	14770	66°	13570	69°	12410	72°	11300	74°	10460	76°	9000	45
50			30°	11280	43°	11600	52°	11830	58°	11980	63°	12100	66°	11600	69°	10550	72°	9460	74°	8800	50
55			17°	9100	37°	9460	48°	9680	54°	9830	60°	9950	64°	10040	67°	9610	70°	8880	72°	8320	55
60					29°	7740	43°	7980	50°	8130	56°	8240	61°	8330	65°	8400	68°	8330	70°	7820	60
65					19°	6330	37°	6590	46°	6740	53°	6850	58°	6940	62°	7010	65°	7060	68°	7110	65
70							31°	5430	42°	5580	49°	5700	55°	5780	59°	5850	63°	5900	66°	5950	70
75							23°	4440	37°	4600	46°	4730	52°	4810	57°	4880	61°	4930	64°	4970	75
80							8°	3550	31°	3770	42°	3890	48°	3980	54°	4050	58°	4100	62°	4140	80
85									24°	3030	37°	3170	45°	3260	51°	3330	56°	3380	59°	3420	85
90									12°	2370	32°	2540	41°	2630	48°	2700	53°	2750	57°	2790	90
95											26°	1970	37°	2070	45°	2140	50°	2190	55°	2240	95
100											17°	1460	32°	1570	41°	1650	47°	1700	52°	1740	100
105													26°	1130	37°	1210	44°	1260	50°	1310	105
110																	41°	860	47°	910	110
115																					115
120																					120
125																					125
130																					130
135																					135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15120	0°	6460	0°	4420	0°	2800	0°	1660	0°	680	0°	0	0°	0	0°	0	0°	0	
		960		590		500		430		390		340		310		280		260		240	STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950	FIXED

# CODE 17

## MAIN BOOM

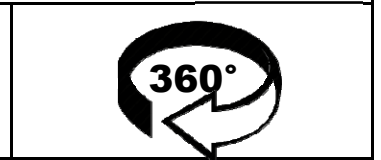
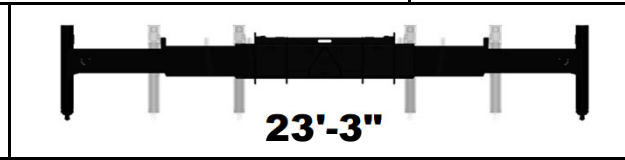
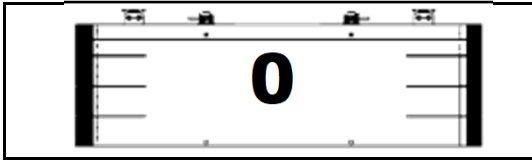


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)		
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT		
6	74°	100000																		6	
8	71°	85400																		8	
10	67°	75100	77°	40000																10	
12	64°	67000	75°	40000	78°	37700														12	
15	59°	57600	73°	40000	76°	36340	79°	31000												15	
20	49°	46200	68°	38250	72°	33380	75°	28200	78°	24120										20	
25	38°	35450	63°	35040	68°	30620	72°	25970	75°	22200	77°	18000	79°	16260						25	
30	23°	28070	57°	29290	63°	28020	68°	23950	71°	20480	74°	17000	77°	15280	78°	13500	80°	11500		30	
35			52°	22140	59°	22470	64°	22080	68°	18670	72°	15920	74°	14270	76°	12900	78°	11300	79°	9000	35
40			45°	16990	54°	17300	61°	17540	65°	17210	69°	14700	72°	13310	74°	12000	76°	11000	77°	9000	40
45			38°	13360	49°	13670	57°	13900	62°	14060	66°	13570	69°	12410	72°	11300	74°	10460	76°	9000	45
50			30°	10670	43°	10990	52°	11210	58°	11360	63°	11490	66°	11580	69°	10550	72°	9460	74°	8800	50
55			17°	8560	37°	8910	48°	9140	54°	9290	60°	9410	64°	9490	67°	9570	70°	8880	72°	8320	55
60					29°	7250	43°	7490	50°	7640	56°	7750	61°	7840	65°	7910	68°	7960	70°	7820	60
65					19°	5880	37°	6140	46°	6290	53°	6410	58°	6490	62°	6560	65°	6620	68°	6660	65
70							31°	5020	42°	5170	49°	5290	55°	5380	59°	5450	63°	5500	66°	5540	70
75							23°	4060	37°	4230	46°	4350	52°	4440	57°	4500	61°	4550	64°	4600	75
80							8°	3200	31°	3420	42°	3550	48°	3630	54°	3700	58°	3750	62°	3790	80
85									24°	2710	37°	2850	45°	2930	51°	3000	56°	3050	59°	3100	85
90									12°	2070	32°	2230	41°	2320	48°	2400	53°	2450	57°	2490	90
95											26°	1690	37°	1790	45°	1860	50°	1910	55°	1950	95
100											17°	1200	32°	1310	41°	1380	47°	1430	52°	1480	100
105													26°	870	37°	950	44°	1010	50°	1050	105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15120	0°	6460	0°	4420	0°	2800	0°	1660	0°	680	0°	0	0°	0	0°	0	0°	0	
		960		590		500		430		390		340		310		280		260		240	STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950	FIXED

# CODE 18

## MAIN BOOM

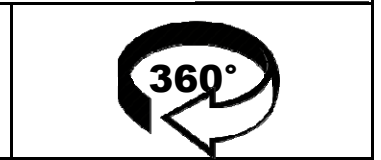
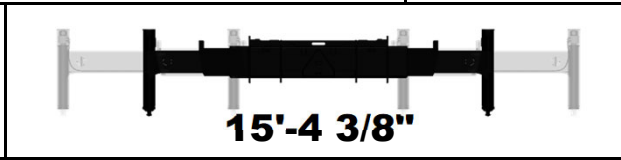


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)	
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT			
6	74°	100000																				6
8	71°	85400																				8
10	67°	75100	77°	40000																		10
12	64°	67000	75°	40000	78°	37700																12
15	59°	57600	73°	40000	76°	36340	79°	31000														15
20	49°	45680	68°	38250	72°	33380	75°	28200	78°	24120												20
25	38°	34960	63°	35040	68°	30620	72°	25970	75°	22200	77°	18000	79°	16260								25
30	23°	27010	57°	28790	63°	28020	68°	23950	71°	20480	74°	17000	77°	15280	78°	13500	80°	11500				30
35			52°	21130	59°	21460	64°	21710	68°	18670	72°	15920	74°	14270	76°	12900	78°	11300	79°	9000		35
40			45°	16150	54°	16470	61°	16710	65°	16870	69°	14700	72°	13310	74°	12000	76°	11000	77°	9000		40
45			38°	12650	49°	12960	57°	13190	62°	13350	66°	13480	69°	12410	72°	11300	74°	10460	76°	9000		45
50			30°	10050	43°	10370	52°	10600	58°	10750	63°	10870	66°	10960	69°	10550	72°	9460	74°	8800		50
55			17°	8010	37°	8360	48°	8590	54°	8740	60°	8860	64°	8950	67°	9020	70°	8880	72°	8320		55
60					29°	6760	43°	7000	50°	7150	56°	7260	61°	7350	65°	7420	68°	7470	70°	7520		60
65					19°	5440	37°	5700	46°	5850	53°	5970	58°	6050	62°	6120	65°	6170	68°	6220		65
70							31°	4610	42°	4770	49°	4890	55°	4970	59°	5040	63°	5090	66°	5140		70
75							23°	3690	37°	3860	46°	3980	52°	4060	57°	4130	61°	4180	64°	4230		75
80							8°	2860	31°	3070	42°	3200	48°	3280	54°	3350	58°	3400	62°	3450		80
85									24°	2390	37°	2520	45°	2610	51°	2680	56°	2730	59°	2770		85
90									12°	1770	32°	1930	41°	2020	48°	2090	53°	2140	57°	2190		90
95											26°	1410	37°	1500	45°	1570	50°	1620	55°	1670		95
100											17°	930	32°	1040	41°	1110	47°	1160	52°	1210		100
105																						105
110																						110
115																						115
120																						120
125																						125
130																						130
135																						135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15120	0°	6460	0°	4420	0°	2780	0°	1590	0°	600	0°	0	0°	0	0°	0	0°	0	0°	0
		960		590		500		430		390		340		310		280		260		240		STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950		FIXED

# CODE 19

## MAIN BOOM

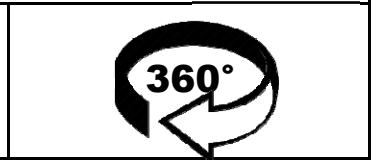
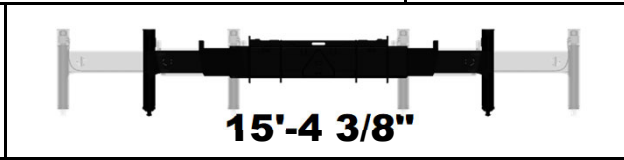
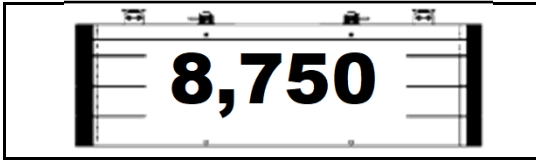


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)		
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT		
6	74°	100000																		6	
8	71°	85400																		8	
10	67°	75100	77°	40000																10	
12	64°	67000	75°	40000	78°	37700														12	
15	59°	57600	73°	40000	76°	36340	79°	31000												15	
20	49°	39180	68°	38250	72°	33380	75°	28200	78°	24120										20	
25	38°	25460	63°	26920	68°	27240	72°	25970	75°	22200	77°	18000	79°	16260						25	
30	23°	17810	57°	19250	63°	19540	68°	19760	71°	19920	74°	17000	77°	15280	78°	13500	80°	11500		30	
35			52°	14380	59°	14660	64°	14870	68°	15010	72°	15130	74°	14270	76°	12900	78°	11300	79°	9000	35
40			45°	11010	54°	11280	61°	11480	65°	11620	69°	11730	72°	11820	74°	11890	76°	11000	77°	9000	40
45			38°	8530	49°	8800	57°	9000	62°	9140	66°	9250	69°	9320	72°	9390	74°	9440	76°	9000	45
50			30°	6620	43°	6900	52°	7100	58°	7240	63°	7340	66°	7420	69°	7490	72°	7540	74°	7580	50
55			17°	5080	37°	5400	48°	5610	54°	5740	60°	5840	64°	5920	67°	5980	70°	6030	72°	6070	55
60					29°	4170	43°	4390	50°	4520	56°	4630	61°	4700	65°	4770	68°	4810	70°	4850	60
65					19°	3140	37°	3380	46°	3520	53°	3620	58°	3700	62°	3760	65°	3800	68°	3840	65
70							31°	2530	42°	2670	49°	2780	55°	2850	59°	2910	63°	2960	66°	3000	70
75							23°	1790	37°	1940	46°	2060	52°	2130	57°	2190	61°	2240	64°	2280	75
80							8°	1120	31°	1310	42°	1430	48°	1510	54°	1570	58°	1620	62°	1650	80
85											37°	890	45°	970	51°	1030	56°	1070	59°	1110	85
90																					90
95																					95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	14630	0°	4400	0°	2490	0°	1060	0°	100	0°	0	0°	0	0°	0	0°	0	0°	0		
		960		590		500		430		390		340		310		280		260		240		STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950		FIXED

# CODE 20

## MAIN BOOM

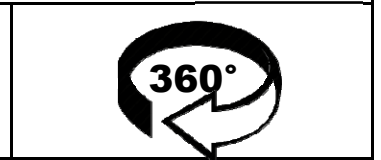
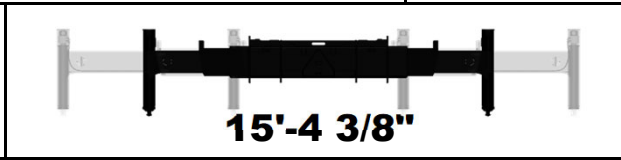
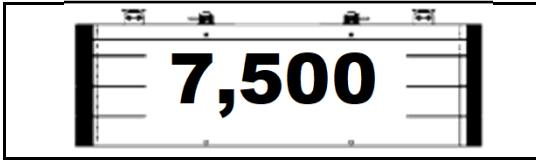


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)		
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT		
6	74°	100000																		6	
8	71°	85400																		8	
10	67°	75100	77°	40000																10	
12	64°	67000	75°	40000	78°	37700														12	
15	59°	57600	73°	40000	76°	36340	79°	31000												15	
20	49°	37660	68°	38250	72°	33380	75°	28200	78°	24120										20	
25	38°	24390	63°	25850	68°	26160	72°	25970	75°	22200	77°	18000	79°	16260						25	
30	23°	16980	57°	18420	63°	18710	68°	18930	71°	19080	74°	17000	77°	15280	78°	13500	80°	11500		30	
35			52°	13700	59°	13970	64°	14190	68°	14330	72°	14450	74°	14270	76°	12900	78°	11300	79°	9000	35
40			45°	10430	54°	10700	61°	10910	65°	11040	69°	11160	72°	11240	74°	11310	76°	11000	77°	9000	40
45			38°	8030	49°	8300	57°	8500	62°	8640	66°	8750	69°	8830	72°	8890	74°	8950	76°	8990	45
50			30°	6180	43°	6460	52°	6660	58°	6800	63°	6900	66°	6980	69°	7050	72°	7100	74°	7140	50
55			17°	4690	37°	5010	48°	5210	54°	5340	60°	5450	64°	5520	67°	5590	70°	5640	72°	5680	55
60					29°	3820	43°	4030	50°	4170	56°	4270	61°	4350	65°	4410	68°	4460	70°	4500	60
65					19°	2820	37°	3050	46°	3190	53°	3300	58°	3370	62°	3430	65°	3480	68°	3520	65
70							31°	2230	42°	2370	49°	2480	55°	2550	59°	2610	63°	2660	66°	2700	70
75							23°	1510	37°	1670	46°	1780	52°	1850	57°	1920	61°	1960	64°	2000	75
80							8°	860	31°	1060	42°	1170	48°	1250	54°	1310	58°	1360	62°	1400	80
85																			59°	870	85
90																					90
95																					95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	13890	0°	4020	0°	2180	0°	800	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0		
		960		590		500		430		390		340		310		280		260		240		STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950		FIXED

# CODE 21

## MAIN BOOM

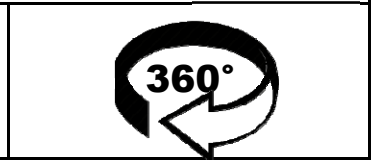
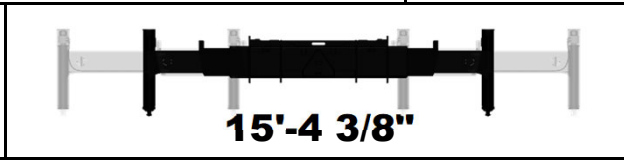
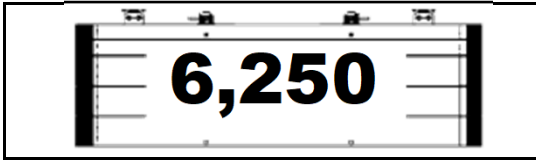


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)		
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT		
6	74°	100000																		6	
8	71°	85400																		8	
10	67°	75100	77°	40000																10	
12	64°	67000	75°	40000	78°	37700														12	
15	59°	57600	73°	40000	76°	36340	79°	31000												15	
20	49°	36150	68°	37780	72°	33380	75°	28200	78°	24120										20	
25	38°	23310	63°	24770	68°	25080	72°	25330	75°	22200	77°	18000	79°	16260						25	
30	23°	16140	57°	17580	63°	17870	68°	18090	71°	18250	74°	17000	77°	15280	78°	13500	80°	11500		30	
35			52°	13020	59°	13290	64°	13500	68°	13650	72°	13770	74°	13850	76°	12900	78°	11300	79°	9000	35
40			45°	9850	54°	10130	61°	10330	65°	10470	69°	10580	72°	10660	74°	10740	76°	10790	77°	9000	40
45			38°	7530	49°	7800	57°	8000	62°	8140	66°	8250	69°	8330	72°	8400	74°	8450	76°	8490	45
50			30°	5740	43°	6020	52°	6220	58°	6360	63°	6460	66°	6540	69°	6610	72°	6660	74°	6700	50
55			17°	4290	37°	4610	48°	4820	54°	4950	60°	5060	64°	5130	67°	5200	70°	5240	72°	5280	55
60					29°	3460	43°	3680	50°	3810	56°	3920	61°	3990	65°	4050	68°	4100	70°	4140	60
65					19°	2490	37°	2730	46°	2870	53°	2970	58°	3050	62°	3110	65°	3150	68°	3190	65
70							31°	1930	42°	2070	49°	2180	55°	2250	59°	2320	63°	2360	66°	2400	70
75							23°	1240	37°	1390	46°	1500	52°	1580	57°	1640	61°	1680	64°	1720	75
80											42°	920	48°	990	54°	1060	58°	1100	62°	1140	80
85																					85
90																					90
95																					95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	13150	0°	3650	0°	1870	0°	540	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0		
		960		590		500		430		390		340		310		280		260		240		STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950		FIXED

# CODE 22

## MAIN BOOM

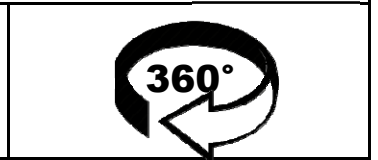
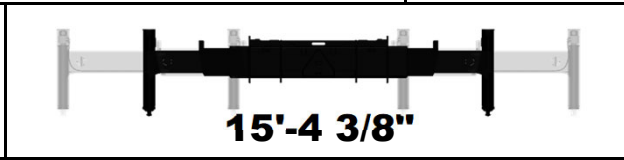


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)		
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT		
6	74°	100000																		6	
8	71°	85400																		8	
10	67°	75100	77°	40000																10	
12	64°	67000	75°	40000	78°	37700														12	
15	59°	57600	73°	40000	76°	36340	79°	31000												15	
20	49°	34640	68°	36270	72°	33380	75°	28200	78°	24120										20	
25	38°	22240	63°	23700	68°	24010	72°	24260	75°	22200	77°	18000	79°	16260						25	
30	23°	15310	57°	16750	63°	17040	68°	17260	71°	17410	74°	17000	77°	15280	78°	13500	80°	11500		30	
35			52°	12330	59°	12610	64°	12820	68°	12960	72°	13090	74°	13170	76°	12900	78°	11300	79°	9000	35
40			45°	9280	54°	9550	61°	9750	65°	9890	69°	10000	72°	10090	74°	10160	76°	10210	77°	9000	40
45			38°	7030	49°	7300	57°	7500	62°	7640	66°	7750	69°	7830	72°	7900	74°	7950	76°	7990	45
50			30°	5300	43°	5580	52°	5780	58°	5920	63°	6020	66°	6100	69°	6170	72°	6220	74°	6260	50
55			17°	3900	37°	4220	48°	4420	54°	4560	60°	4660	64°	4740	67°	4800	70°	4850	72°	4890	55
60					29°	3100	43°	3320	50°	3450	56°	3560	61°	3630	65°	3700	68°	3740	70°	3780	60
65					19°	2170	37°	2400	46°	2540	53°	2650	58°	2720	62°	2780	65°	2830	68°	2870	65
70							31°	1630	42°	1770	49°	1880	55°	1950	59°	2020	63°	2060	66°	2100	70
75							23°	960	37°	1110	46°	1230	52°	1300	57°	1360	61°	1410	64°	1450	75
80																			62°	880	80
85																					85
90																					90
95																					95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	12410	0°	3270	0°	1560	0°	290	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0		
		960		590		500		430		390		340		310		280		260		240		STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950		FIXED

# CODE 23

## MAIN BOOM



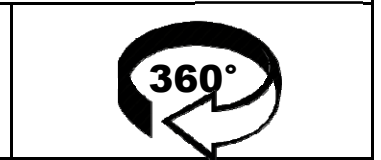
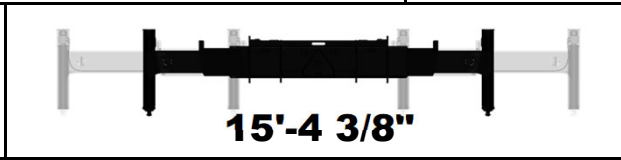
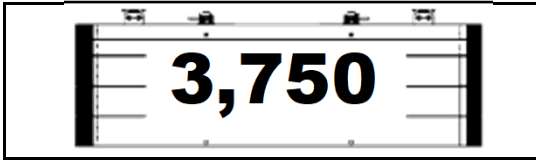
LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)		
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT		
6	74°	100000																		6	
8	71°	85400																		8	
10	67°	75100	77°	40000																10	
12	64°	67000	75°	40000	78°	37700														12	
15	59°	57600	73°	40000	76°	36340	79°	31000												15	
20	49°	33130	68°	34760	72°	33380	75°	28200	78°	24120										20	
25	38°	21160	63°	22620	68°	22930	72°	23180	75°	22200	77°	18000	79°	16260						25	
30	23°	14480	57°	15910	63°	16200	68°	16430	71°	16580	74°	16710	77°	15280	78°	13500	80°	11500		30	
35			52°	11650	59°	11930	64°	12140	68°	12280	72°	12400	74°	12490	76°	12570	78°	11300	79°	9000	35
40			45°	8700	54°	8970	61°	9180	65°	9310	69°	9430	72°	9510	74°	9580	76°	9640	77°	9000	40
45			38°	6530	49°	6800	57°	7010	62°	7140	66°	7250	69°	7330	72°	7400	74°	7450	76°	7490	45
50			30°	4860	43°	5140	52°	5340	58°	5480	63°	5580	66°	5660	69°	5730	72°	5780	74°	5820	50
55			17°	3510	37°	3820	48°	4030	54°	4160	60°	4270	64°	4340	67°	4410	70°	4460	72°	4500	55
60					29°	2750	43°	2960	50°	3100	56°	3200	61°	3280	65°	3340	68°	3390	70°	3430	60
65					19°	1840	37°	2080	46°	2220	53°	2320	58°	2400	62°	2460	65°	2500	68°	2540	65
70							31°	1330	42°	1470	49°	1580	55°	1660	59°	1720	63°	1760	66°	1800	70
75											46°	950	52°	1020	57°	1090	61°	1130	64°	1170	75
80																					80
85																					85
90																					90
95																					95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	11670	0°	2900	0°	1260	0°	30	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0		
		960		590		500		430		390		340		310		280		260		240		STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950		FIXED



# CODE 24

## MAIN BOOM

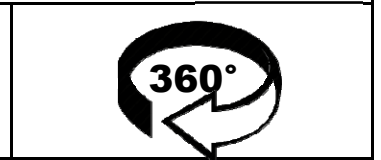
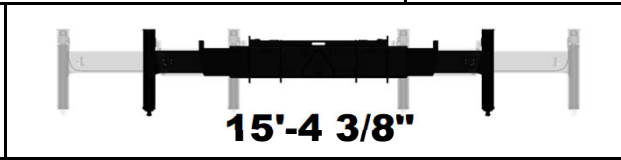
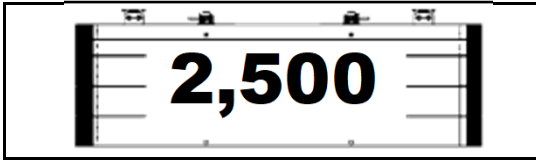


LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)		
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT		
6	74°	100000																		6	
8	71°	85400																		8	
10	67°	75100	77°	40000																10	
12	64°	67000	75°	40000	78°	37700														12	
15	59°	57600	73°	40000	76°	36340	79°	31000												15	
20	49°	31620	68°	33240	72°	33380	75°	28200	78°	24120										20	
25	38°	20080	63°	21540	68°	21860	72°	22100	75°	22200	77°	18000	79°	16260						25	
30	23°	13640	57°	15080	63°	15370	68°	15590	71°	15740	74°	15870	77°	15280	78°	13500	80°	11500		30	
35			52°	10970	59°	11250	64°	11460	68°	11600	72°	11720	74°	11810	76°	11890	78°	11300	79°	9000	35
40			45°	8130	54°	8400	61°	8600	65°	8740	69°	8850	72°	8930	74°	9010	76°	9060	77°	9000	40
45			38°	6030	49°	6310	57°	6510	62°	6640	66°	6750	69°	6830	72°	6900	74°	6950	76°	6990	45
50			30°	4420	43°	4700	52°	4900	58°	5040	63°	5140	66°	5220	69°	5290	72°	5330	74°	5380	50
55			17°	3110	37°	3430	48°	3640	54°	3770	60°	3870	64°	3950	67°	4010	70°	4060	72°	4100	55
60					29°	2390	43°	2610	50°	2740	56°	2850	61°	2920	65°	2980	68°	3030	70°	3070	60
65					19°	1520	37°	1750	46°	1890	53°	2000	58°	2070	62°	2130	65°	2180	68°	2220	65
70							31°	1030	42°	1170	49°	1280	55°	1360	59°	1420	63°	1460	66°	1500	70
75																			64°	890	75
80																					80
85																					85
90																					90
95																					95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	10920	0°	2520	0°	950	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0		
		960		590		500		430		390		340		310		280		260		240		STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950		FIXED

# CODE 25

## MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)		
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT		
6	74°	100000																		6	
8	71°	85400																		8	
10	67°	75100	77°	40000																10	
12	64°	67000	75°	40000	78°	37700														12	
15	59°	56240	73°	40000	76°	36340	79°	31000												15	
20	49°	30100	68°	31730	72°	32100	75°	28200	78°	24120										20	
25	38°	19010	63°	20470	68°	20780	72°	21030	75°	21200	77°	18000	79°	16260						25	
30	23°	12810	57°	14240	63°	14530	68°	14760	71°	14910	74°	15040	77°	15130	78°	13500	80°	11500		30	
35			52°	10290	59°	10560	64°	10780	68°	10920	72°	11040	74°	11130	76°	11200	78°	11260	79°	9000	35
40			45°	7550	54°	7820	61°	8020	65°	8160	69°	8280	72°	8360	74°	8430	76°	8480	77°	8530	40
45			38°	5530	49°	5810	57°	6010	62°	6140	66°	6250	69°	6330	72°	6400	74°	6450	76°	6500	45
50			30°	3980	43°	4260	52°	4460	58°	4600	63°	4700	66°	4780	69°	4850	72°	4890	74°	4940	50
55			17°	2720	37°	3040	48°	3240	54°	3370	60°	3480	64°	3560	67°	3620	70°	3670	72°	3710	55
60					29°	2040	43°	2250	50°	2380	56°	2490	61°	2570	65°	2630	68°	2670	70°	2720	60
65					19°	1190	37°	1430	46°	1570	53°	1670	58°	1750	62°	1810	65°	1850	68°	1890	65
70									42°	870	49°	980	55°	1060	59°	1120	63°	1170	66°	1200	70
75																					75
80																					80
85																					85
90																					90
95																					95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	10180	0°	2150	0°	640	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		960		590		500		430		390		340		310		280		260		240	STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950	FIXED

# CODE 26

## MAIN BOOM



**1,250**

**15'-4 3/8"**

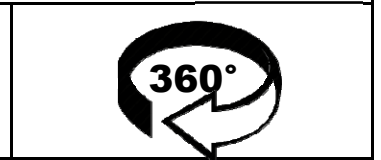
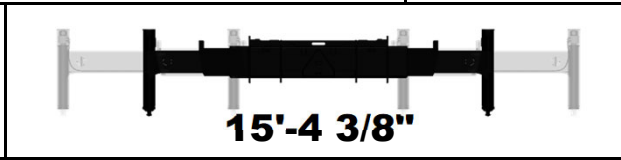
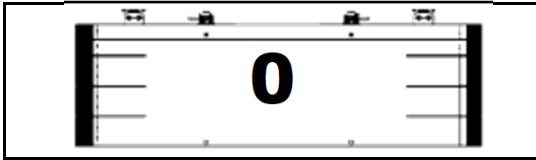
**360°**

LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)	
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT	
6	74°	100000																		6
8	71°	85400																		8
10	67°	75100	77°	40000																10
12	64°	67000	75°	40000	78°	37700														12
15	59°	53690	73°	40000	76°	36340	79°	31000												15
20	49°	28590	68°	30220	72°	30580	75°	28200	78°	24120										20
25	38°	17930	63°	19390	68°	19710	72°	19950	75°	20120	77°	18000	79°	16260						25
30	23°	11970	57°	13410	63°	13700	68°	13920	71°	14070	74°	14200	77°	14300	78°	13500	80°	11500		30
35			52°	9610	59°	9880	64°	10090	68°	10240	72°	10360	74°	10450	76°	10520	78°	10580	79°	9000
40			45°	6970	54°	7240	61°	7450	65°	7580	69°	7700	72°	7780	74°	7850	76°	7910	77°	7960
45			38°	5030	49°	5310	57°	5510	62°	5640	66°	5750	69°	5830	72°	5900	74°	5950	76°	6000
50			30°	3540	43°	3820	52°	4020	58°	4160	63°	4260	66°	4340	69°	4410	72°	4450	74°	4500
55			17°	2330	37°	2640	48°	2850	54°	2980	60°	3090	64°	3160	67°	3230	70°	3270	72°	3320
60					29°	1680	43°	1900	50°	2030	56°	2140	61°	2210	65°	2270	68°	2320	70°	2360
65					19°	870	37°	1100	46°	1240	53°	1350	58°	1420	62°	1480	65°	1530	68°	1570
70																	63°	870	66°	910
75																				75
80																				80
85																				85
90																				90
95																				95
100																				100
105																				105
110																				110
115																				115
120																				120
125																				125
130																				130
135																				135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	9440	0°	1770	0°	340	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		960		590		500		430		390		340		310		280		260		240	STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950	FIXED

# CODE 27

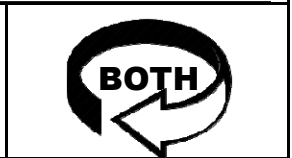
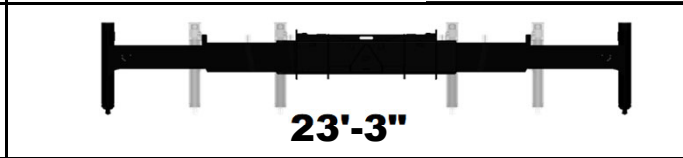
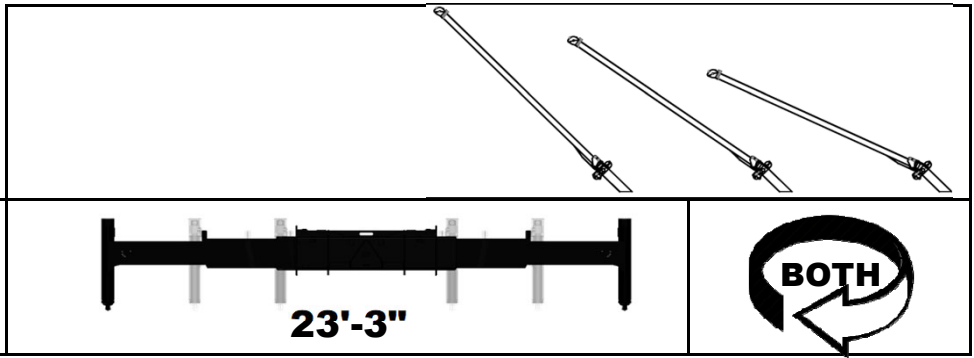
## MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)	
LENGTH	38.5 FT		63 FT		74 FT		86 FT		97 FT		109 FT		120 FT		132 FT		143 FT		155 FT			
6	74°	100000																				6
8	71°	85400																				8
10	67°	75100	77°	40000																		10
12	64°	67000	75°	40000	78°	37700																12
15	59°	51150	73°	40000	76°	36340	79°	31000														15
20	49°	27080	68°	28710	72°	29070	75°	28200	78°	24120												20
25	38°	16860	63°	18320	68°	18630	72°	18880	75°	19050	77°	18000	79°	16260								25
30	23°	11140	57°	12570	63°	12860	68°	13090	71°	13240	74°	13370	77°	13470	78°	13500	80°	11500				30
35			52°	8930	59°	9200	64°	9410	68°	9560	72°	9680	74°	9760	76°	9840	78°	9900	79°	9000		35
40			45°	6400	54°	6670	61°	6870	65°	7010	69°	7120	72°	7210	74°	7280	76°	7330	77°	7380		40
45			38°	4530	49°	4810	57°	5010	62°	5140	66°	5250	69°	5330	72°	5400	74°	5450	76°	5500		45
50			30°	3100	43°	3380	52°	3580	58°	3710	63°	3820	66°	3900	69°	3970	72°	4010	74°	4060		50
55			17°	1930	37°	2250	48°	2460	54°	2590	60°	2690	64°	2770	67°	2830	70°	2880	72°	2920		55
60					29°	1320	43°	1540	50°	1670	56°	1780	61°	1850	65°	1920	68°	1960	70°	2000		60
65									46°	920	53°	1020	58°	1100	62°	1160	65°	1200	68°	1240		65
70																						70
75																						75
80																						80
85																						85
90																						90
95																						95
100																						100
105																						105
110																						110
115																						115
120																						120
125																						125
130																						130
135																						135

DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	8700	0°	1400	0°	30	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0		
		960		590		500		430		390		340		310		280		260		240		STOWED
		2620		2270		2190		2130		2080		2050		2020		1990		1970		1950		FIXED

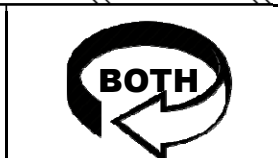
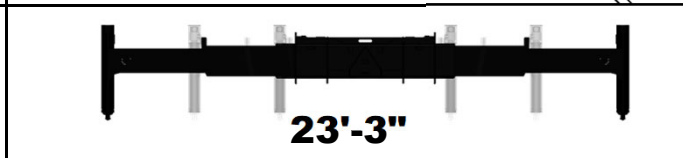
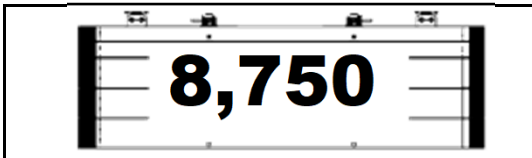
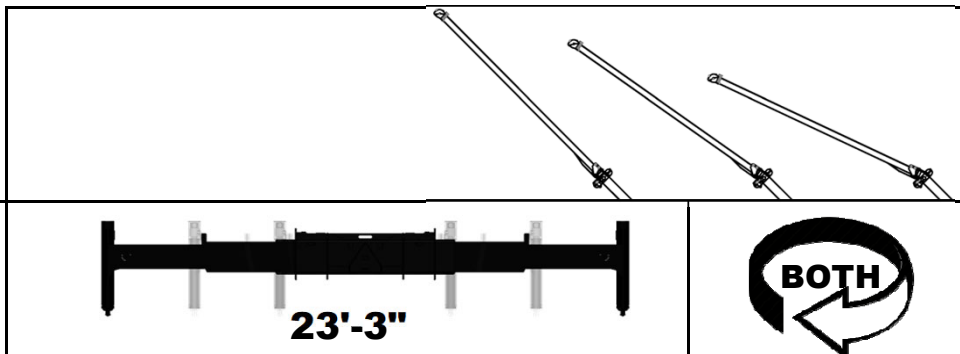
**CODES 37, 46, 55, 64,  
73, 82**  
**39' FIXED JIB**



LOAD RADIUS (FT)	0° OFFSET				15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 37	CODE 46	BOOM ANGLE (DEG)	CODE 55	CODE 64	BOOM ANGLE (DEG)	CODE 73	CODE 82		
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		
35										35	
40	80°	4000	4000							40	
45	78°	4000	4000							45	
50	77.5°	4000	4000	80°	4000	4000				50	
55	75.5°	4000	4000	78°	4000	4000				55	
60	74°	4000	4000	76.5°	4000	4000	80°	4000	4000	60	
65	72.5°	4000	4000	75°	4000	4000	78°	4000	4000	65	
70	71°	4000	4000	73.5°	4000	4000	76°	4000	4000	70	
75	69.5°	4000	4000	72°	4000	4000	74.5°	3880	3880	75	
80	68°	4000	4000	71°	3940	3940	73°	3730	3730	80	
85	66.5°	3860	3860	69.5°	3780	3780	71.5°	3570	3570	85	
90	65°	3720	3720	67.5°	3630	3630	70°	3430	3430	90	
95	63.5°	3430	3430	66°	3480	3480	68°	3290	3290	95	
100	61.5°	3150	3150	64.5°	3340	3340	66.5°	3160	3160	100	
105	60°	2880	2880	62.5°	3180	3180	65°	3030	3030	105	
110	58°	2610	2610	61°	2880	2880	63°	2920	2920	110	
115	56°	2360	2340	59°	2610	2610	61°	2800	2800	115	
120	54.5°	2130	1940	57°	2350	2320	59°	2570	2570	120	
125	52.5°	1900	1590	55°	2110	1930	57°	2290	2190	125	
130	50.5°	1690	1260	53°	1880	1570	55°	2040	1810	130	
135	48.5°	1490	950	51°	1660	1240	53°	1810	1460	135	
140	46°	1300		48.5°	1460	940	50.5°	1590	1130	140	
145	43.5°	1120		46.5°	1260		48°	1380	830	145	
150	42°	930		44°	1080		45.5°	1180		150	
155				41°	880		43°	990		155	
160										160	
165										165	
170										170	
175										175	
180										180	
185										185	
190										190	

**CODES 38, 47, 56, 65,  
74, 83**

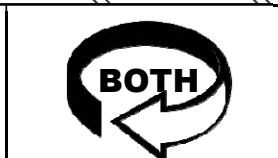
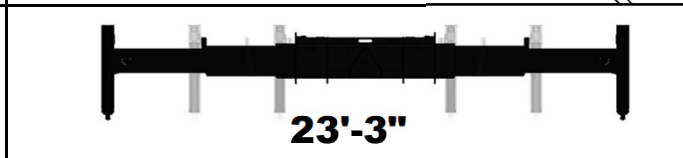
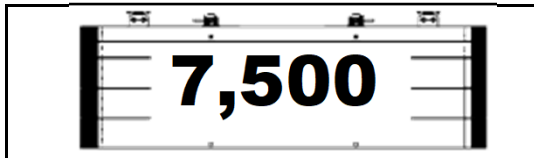
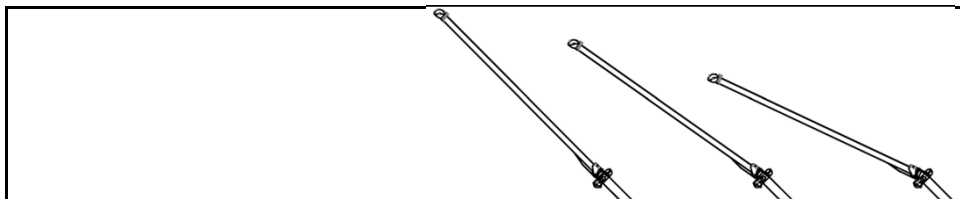
**39' FIXED JIB**



LOAD RADIUS (FT)	0° OFFSET				15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 38	CODE 47	BOOM ANGLE (DEG)	CODE 56	CODE 65	BOOM ANGLE (DEG)	CODE 74	CODE 83		
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		
35										35	
40	80°	4000	4000							40	
45	78°	4000	4000							45	
50	77.5°	4000	4000	80°	4000	4000				50	
55	75.5°	4000	4000	78°	4000	4000				55	
60	74°	4000	4000	76.5°	4000	4000	80°	4000	4000	60	
65	72.5°	4000	4000	75°	4000	4000	78°	4000	4000	65	
70	71°	4000	4000	73.5°	4000	4000	76°	4000	4000	70	
75	69.5°	4000	4000	72°	4000	4000	74.5°	3880	3880	75	
80	68°	4000	4000	71°	3940	3940	73°	3730	3730	80	
85	66.5°	3860	3860	69.5°	3780	3780	71.5°	3570	3570	85	
90	65°	3720	3720	67.5°	3630	3630	70°	3430	3430	90	
95	63.5°	3430	3430	66°	3480	3480	68°	3290	3290	95	
100	61.5°	3150	3150	64.5°	3340	3340	66.5°	3160	3160	100	
105	60°	2880	2880	62.5°	3180	3180	65°	3030	3030	105	
110	58°	2610	2530	61°	2880	2880	63°	2920	2920	110	
115	56°	2360	2110	59°	2610	2510	61°	2800	2800	115	
120	54.5°	2130	1730	57°	2350	2100	59°	2570	2390	120	
125	52.5°	1900	1380	55°	2110	1720	57°	2290	1980	125	
130	50.5°	1690	1060	53°	1880	1370	55°	2040	1610	130	
135	48.5°	1490		51°	1660	1050	53°	1810	1270	135	
140	46°	1300		48.5°	1460		50.5°	1590	950	140	
145	43.5°	1120		46.5°	1260		48°	1380		145	
150	42°	850		44°	1080		45.5°	1180		150	
155							43°	930		155	
160										160	
165										165	
170										170	
175										175	
180										180	
185										185	
190										190	

**CODES 39, 48, 57, 66,  
75, 84**

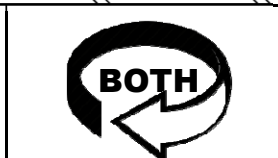
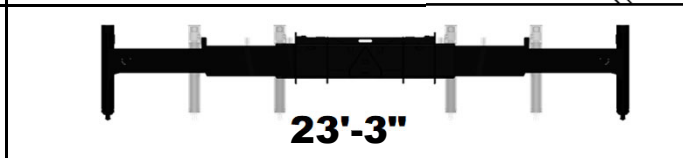
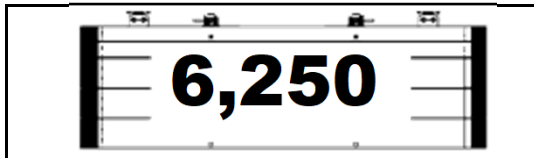
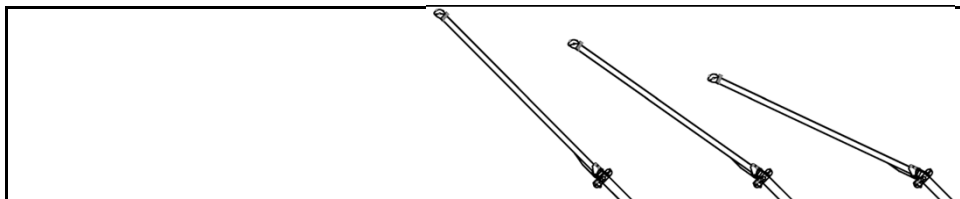
**39' FIXED JIB**



LOAD RADIUS (FT)	0° OFFSET				15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 39	CODE 48	BOOM ANGLE (DEG)	CODE 57	CODE 66	BOOM ANGLE (DEG)	CODE 75	CODE 84		
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		
35										35	
40	80°	4000	4000							40	
45	78°	4000	4000							45	
50	77.5°	4000	4000	80°	4000	4000				50	
55	75.5°	4000	4000	78°	4000	4000				55	
60	74°	4000	4000	76.5°	4000	4000	80°	4000	4000	60	
65	72.5°	4000	4000	75°	4000	4000	78°	4000	4000	65	
70	71°	4000	4000	73.5°	4000	4000	76°	4000	4000	70	
75	69.5°	4000	4000	72°	4000	4000	74.5°	3880	3880	75	
80	68°	4000	4000	71°	3940	3940	73°	3730	3730	80	
85	66.5°	3860	3860	69.5°	3780	3780	71.5°	3570	3570	85	
90	65°	3720	3720	67.5°	3630	3630	70°	3430	3430	90	
95	63.5°	3430	3430	66°	3480	3480	68°	3290	3290	95	
100	61.5°	3150	3150	64.5°	3340	3340	66.5°	3160	3160	100	
105	60°	2880	2740	62.5°	3180	3180	65°	3030	3030	105	
110	58°	2610	2290	61°	2880	2720	63°	2920	2920	110	
115	56°	2360	1880	59°	2610	2280	61°	2800	2600	115	
120	54.5°	2130	1510	57°	2350	1880	59°	2570	2170	120	
125	52.5°	1900	1170	55°	2110	1510	57°	2290	1780	125	
130	50.5°	1690	860	53°	1880	1170	55°	2040	1410	130	
135	48.5°	1490		51°	1660	860	53°	1810	1070	135	
140	46°	1300		48.5°	1460		50.5°	1590		140	
145	43.5°	1040		46.5°	1260		48°	1380		145	
150				44°	1000		45.5°	1160		150	
155							43°	850		155	
160										160	
165										165	
170										170	
175										175	
180										180	
185										185	
190										190	

**CODES 40, 49, 58, 67,  
76, 85**

**39' FIXED JIB**

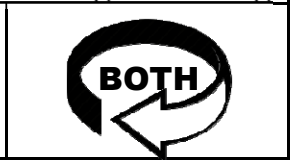
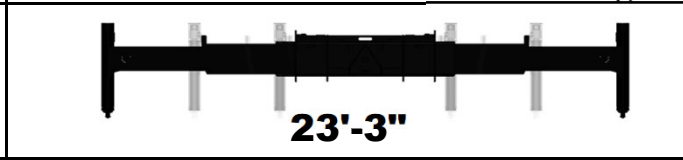
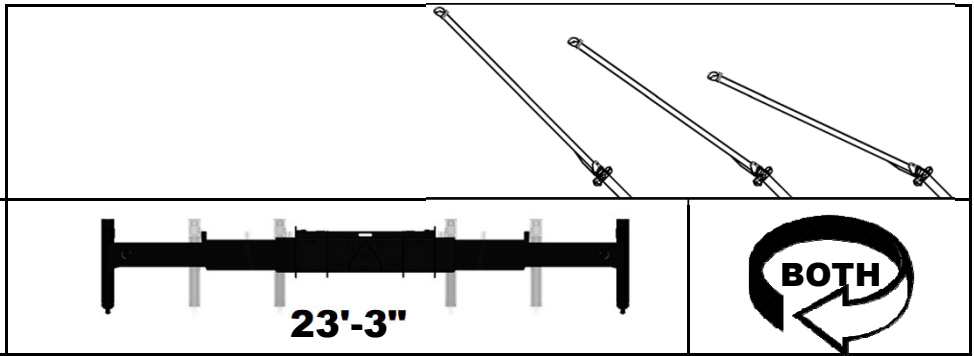


LOAD RADIUS (FT)	0° OFFSET				15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 40	CODE 49	BOOM ANGLE (DEG)	CODE 58	CODE 67	BOOM ANGLE (DEG)	CODE 76	CODE 85		
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		
35										35	
40	80°	4000	4000							40	
45	78°	4000	4000							45	
50	77.5°	4000	4000	80°	4000	4000				50	
55	75.5°	4000	4000	78°	4000	4000				55	
60	74°	4000	4000	76.5°	4000	4000	80°	4000	4000	60	
65	72.5°	4000	4000	75°	4000	4000	78°	4000	4000	65	
70	71°	4000	4000	73.5°	4000	4000	76°	4000	4000	70	
75	69.5°	4000	4000	72°	4000	4000	74.5°	3880	3880	75	
80	68°	4000	4000	71°	3940	3940	73°	3730	3730	80	
85	66.5°	3860	3860	69.5°	3780	3780	71.5°	3570	3570	85	
90	65°	3720	3720	67.5°	3630	3630	70°	3430	3430	90	
95	63.5°	3430	3430	66°	3480	3480	68°	3290	3290	95	
100	61.5°	3150	2980	64.5°	3340	3340	66.5°	3160	3160	100	
105	60°	2880	2490	62.5°	3180	2960	65°	3030	3030	105	
110	58°	2610	2050	61°	2880	2480	63°	2920	2840	110	
115	56°	2360	1650	59°	2610	2050	61°	2800	2370	115	
120	54.5°	2130	1290	57°	2350	1660	59°	2570	1950	120	
125	52.5°	1900	960	55°	2110	1300	57°	2290	1570	125	
130	50.5°	1690		53°	1880	970	55°	2040	1210	130	
135	48.5°	1490		51°	1660		53°	1810	880	135	
140	46°	1250		48.5°	1460		50.5°	1590		140	
145	43.5°	960		46.5°	1220		48°	1380		145	
150				44°	920		45.5°	1070		150	
155										155	
160										160	
165										165	
170										170	
175										175	
180										180	
185										185	
190										190	



**CODES 41, 50, 59, 68,  
77, 86**

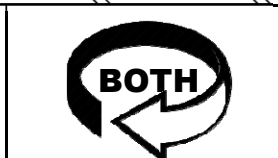
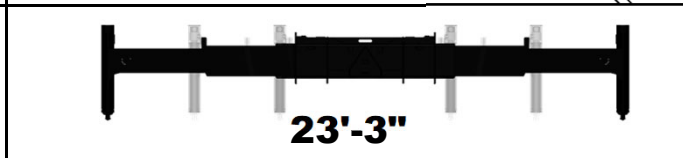
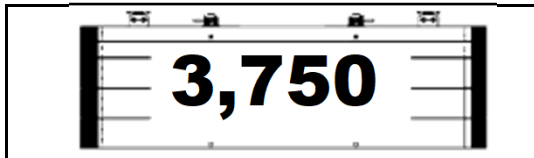
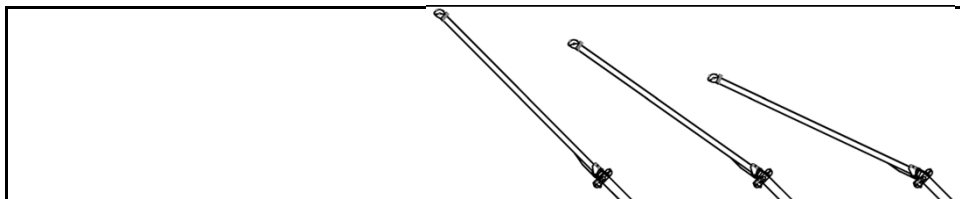
**39' FIXED JIB**



LOAD RADIUS (FT)	0° OFFSET				15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 41	CODE 50	BOOM ANGLE (DEG)	CODE 59	CODE 68	BOOM ANGLE (DEG)	CODE 77	CODE 86		
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		
35										35	
40	80°	4000	4000							40	
45	78°	4000	4000							45	
50	77.5°	4000	4000	80°	4000	4000				50	
55	75.5°	4000	4000	78°	4000	4000				55	
60	74°	4000	4000	76.5°	4000	4000	80°	4000	4000	60	
65	72.5°	4000	4000	75°	4000	4000	78°	4000	4000	65	
70	71°	4000	4000	73.5°	4000	4000	76°	4000	4000	70	
75	69.5°	4000	4000	72°	4000	4000	74.5°	3880	3880	75	
80	68°	4000	4000	71°	3940	3940	73°	3730	3730	80	
85	66.5°	3860	3860	69.5°	3780	3780	71.5°	3570	3570	85	
90	65°	3720	3720	67.5°	3630	3630	70°	3430	3430	90	
95	63.5°	3430	3250	66°	3480	3480	68°	3290	3290	95	
100	61.5°	3150	2710	64.5°	3340	3220	66.5°	3160	3160	100	
105	60°	2880	2240	62.5°	3180	2710	65°	3030	3030	105	
110	58°	2610	1810	61°	2880	2240	63°	2920	2600	110	
115	56°	2360	1420	59°	2610	1820	61°	2800	2150	115	
120	54.5°	2130	1070	57°	2350	1440	59°	2570	1730	120	
125	52.5°	1900		55°	2110	1090	57°	2290	1360	125	
130	50.5°	1690		53°	1880		55°	2040	1010	130	
135	48.5°	1480		51°	1660		53°	1810		135	
140	46°	1160		48.5°	1450		50.5°	1590		140	
145	43.5°	870		46.5°	1130		48°	1310		145	
150				44°	830		45.5°	990		150	
155										155	
160										160	
165										165	
170										170	
175										175	
180										180	
185										185	
190										190	

**CODES 42, 51, 60, 69,  
78, 87**

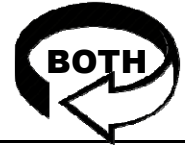
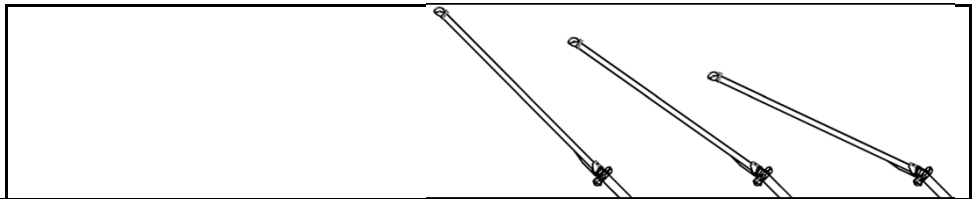
**39' FIXED JIB**



LOAD RADIUS (FT)	0° OFFSET				15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 42	CODE 51	BOOM ANGLE (DEG)	CODE 60	CODE 69	BOOM ANGLE (DEG)	CODE 78	CODE 87		
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		
35										35	
40	80°	4000	4000							40	
45	78°	4000	4000							45	
50	77.5°	4000	4000	80°	4000	4000				50	
55	75.5°	4000	4000	78°	4000	4000				55	
60	74°	4000	4000	76.5°	4000	4000	80°	4000	4000	60	
65	72.5°	4000	4000	75°	4000	4000	78°	4000	4000	65	
70	71°	4000	4000	73.5°	4000	4000	76°	4000	4000	70	
75	69.5°	4000	4000	72°	4000	4000	74.5°	3880	3880	75	
80	68°	4000	4000	71°	3940	3940	73°	3730	3730	80	
85	66.5°	3860	3860	69.5°	3780	3780	71.5°	3570	3570	85	
90	65°	3720	3550	67.5°	3630	3630	70°	3430	3430	90	
95	63.5°	3430	2960	66°	3480	3480	68°	3290	3290	95	
100	61.5°	3150	2440	64.5°	3340	2950	66.5°	3160	3160	100	
105	60°	2880	1980	62.5°	3180	2450	65°	3030	2840	105	
110	58°	2610	1570	61°	2880	2000	63°	2920	2360	110	
115	56°	2360	1190	59°	2610	1590	61°	2800	1920	115	
120	54.5°	2130	850	57°	2350	1220	59°	2570	1520	120	
125	52.5°	1900		55°	2110	880	57°	2290	1150	125	
130	50.5°	1690		53°	1880		55°	2040	810	130	
135	48.5°	1380		51°	1660		53°	1810		135	
140	46°	1070		48.5°	1360		50.5°	1570		140	
145				46.5°	1050		48°	1230		145	
150							45.5°	910		150	
155										155	
160										160	
165										165	
170										170	
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180										180	
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190										190	

**CODES 43, 52, 61, 70,  
79, 88**

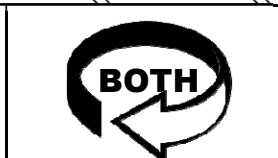
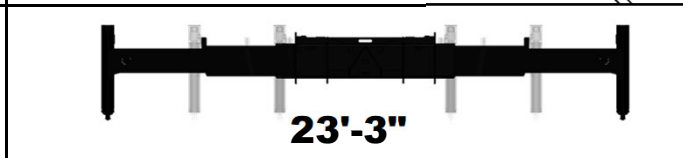
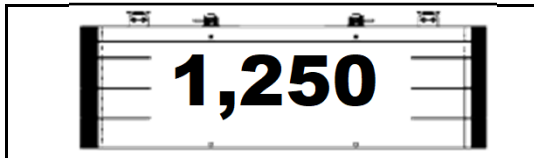
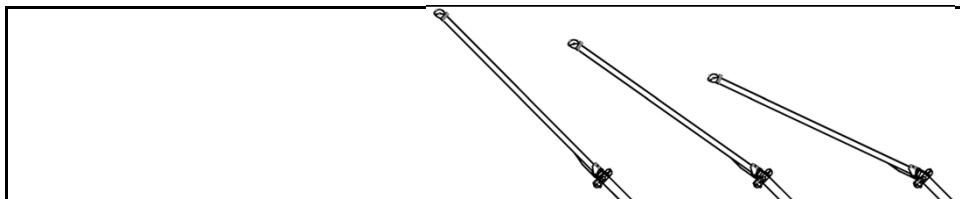
**39' FIXED JIB**



LOAD RADIUS (FT)	0° OFFSET				15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 43	CODE 52	BOOM ANGLE (DEG)	CODE 61	CODE 70	BOOM ANGLE (DEG)	CODE 79	CODE 88		
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		
35										35	
40	80°	4000	4000							40	
45	78°	4000	4000							45	
50	77.5°	4000	4000	80°	4000	4000				50	
55	75.5°	4000	4000	78°	4000	4000				55	
60	74°	4000	4000	76.5°	4000	4000	80°	4000	4000	60	
65	72.5°	4000	4000	75°	4000	4000	78°	4000	4000	65	
70	71°	4000	4000	73.5°	4000	4000	76°	4000	4000	70	
75	69.5°	4000	4000	72°	4000	4000	74.5°	3880	3880	75	
80	68°	4000	4000	71°	3940	3940	73°	3730	3730	80	
85	66.5°	3860	3860	69.5°	3780	3780	71.5°	3570	3570	85	
90	65°	3720	3240	67.5°	3630	3630	70°	3430	3430	90	
95	63.5°	3430	2680	66°	3480	3230	68°	3290	3290	95	
100	61.5°	3150	2180	64.5°	3340	2680	66.5°	3160	3110	100	
105	60°	2880	1730	62.5°	3180	2200	65°	3030	2590	105	
110	58°	2610	1330	61°	2880	1760	63°	2920	2110	110	
115	56°	2360	960	59°	2610	1360	61°	2800	1690	115	
120	54.5°	2130		57°	2350	1000	59°	2570	1300	120	
125	52.5°	1900		55°	2110		57°	2290	940	125	
130	50.5°	1620		53°	1880		55°	2040		130	
135	48.5°	1290		51°	1600		53°	1810		135	
140	46°	980		48.5°	1270		50.5°	1480		140	
145				46.5°	960		48°	1140		145	
150							45.5°	820		150	
155										155	
160										160	
165										165	
170										170	
175										175	
180										180	
185										185	
190										190	

**CODES 44, 53, 62, 71,  
80, 89**

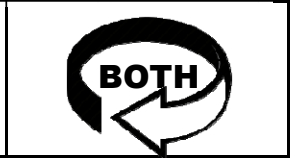
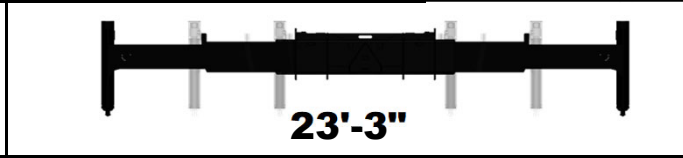
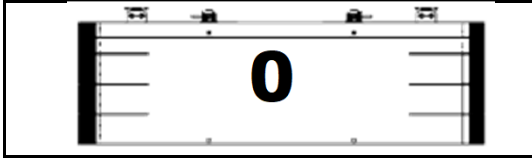
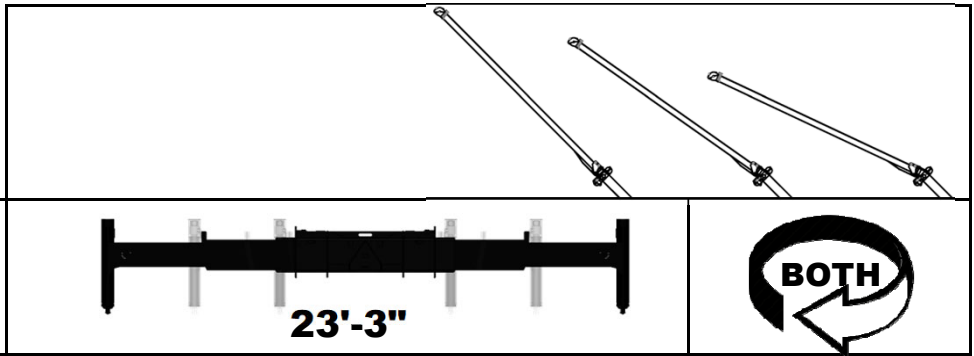
**39' FIXED JIB**



LOAD RADIUS (FT)	0° OFFSET				15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 44	CODE 53	BOOM ANGLE (DEG)	CODE 62	CODE 71	BOOM ANGLE (DEG)	CODE 80	CODE 89		
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		
35										35	
40	80°	4000	4000							40	
45	78°	4000	4000							45	
50	77.5°	4000	4000	80°	4000	4000				50	
55	75.5°	4000	4000	78°	4000	4000				55	
60	74°	4000	4000	76.5°	4000	4000	80°	4000	4000	60	
65	72.5°	4000	4000	75°	4000	4000	78°	4000	4000	65	
70	71°	4000	4000	73.5°	4000	4000	76°	4000	4000	70	
75	69.5°	4000	4000	72°	4000	4000	74.5°	3880	3880	75	
80	68°	4000	4000	71°	3940	3940	73°	3730	3730	80	
85	66.5°	3860	3560	69.5°	3780	3780	71.5°	3570	3570	85	
90	65°	3720	2940	67.5°	3630	3540	70°	3430	3430	90	
95	63.5°	3430	2390	66°	3480	2940	68°	3290	3290	95	
100	61.5°	3150	1910	64.5°	3340	2420	66.5°	3160	2840	100	
105	60°	2880	1480	62.5°	3180	1940	65°	3030	2330	105	
110	58°	2610	1090	61°	2880	1520	63°	2920	1870	110	
115	56°	2360		59°	2610	1140	61°	2800	1460	115	
120	54.5°	2130		57°	2350		59°	2570	1080	120	
125	52.5°	1880		55°	2110		57°	2290		125	
130	50.5°	1520		53°	1860		55°	2040		130	
135	48.5°	1200		51°	1510		53°	1740		135	
140	46°	890		48.5°	1180		50.5°	1390		140	
145				46.5°	870		48°	1050		145	
150										150	
155										155	
160										160	
165										165	
170										170	
175										175	
180										180	
185										185	
190										190	

**CODES 45, 54, 63, 72,  
81, 90**

**39' FIXED JIB**



LOAD RADIUS (FT)	0° OFFSET				15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 45	CODE 54	BOOM ANGLE (DEG)	CODE 63	CODE 72	BOOM ANGLE (DEG)	CODE 81	CODE 90		
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		
35										35	
40	80°	4000	4000							40	
45	78°	4000	4000							45	
50	77.5°	4000	4000	80°	4000	4000				50	
55	75.5°	4000	4000	78°	4000	4000				55	
60	74°	4000	4000	76.5°	4000	4000	80°	4000	4000	60	
65	72.5°	4000	4000	75°	4000	4000	78°	4000	4000	65	
70	71°	4000	4000	73.5°	4000	4000	76°	4000	4000	70	
75	69.5°	4000	4000	72°	4000	4000	74.5°	3880	3880	75	
80	68°	4000	3930	71°	3940	3940	73°	3730	3730	80	
85	66.5°	3860	3240	69.5°	3780	3780	71.5°	3570	3570	85	
90	65°	3720	2640	67.5°	3630	3240	70°	3430	3430	90	
95	63.5°	3430	2110	66°	3480	2660	68°	3290	3130	95	
100	61.5°	3150	1640	64.5°	3340	2150	66.5°	3160	2570	100	
105	60°	2880	1220	62.5°	3180	1690	65°	3030	2080	105	
110	58°	2610	840	61°	2880	1280	63°	2920	1630	110	
115	56°	2360		59°	2610	910	61°	2800	1230	115	
120	54.5°	2130		57°	2350		59°	2570	860	120	
125	52.5°	1780		55°	2110		57°	2290		125	
130	50.5°	1430		53°	1770		55°	2020		130	
135	48.5°	1100		51°	1420		53°	1650		135	
140				48.5°	1090		50.5°	1290		140	
145							48°	960		145	
150										150	
155										155	
160										160	
165										165	
170										170	
175										175	
180										180	
185										185	
190										190	