

Load Rating Chart

Model TC50128X

Manitex

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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

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
1-----	MAIN BOOM-----	100% EXTENDED-----	OVER REAR-----	10000-----	14
2-----	MAIN BOOM-----	100% EXTENDED-----	OVER REAR-----	8750-----	15
3-----	MAIN BOOM-----	100% EXTENDED-----	OVER REAR-----	7500-----	16
4-----	MAIN BOOM-----	100% EXTENDED-----	OVER REAR-----	6250-----	17
5-----	MAIN BOOM-----	100% EXTENDED-----	OVER REAR-----	5000-----	18
6-----	MAIN BOOM-----	100% EXTENDED-----	OVER REAR-----	3750-----	19
7-----	MAIN BOOM-----	100% EXTENDED-----	OVER REAR-----	2500-----	20
8-----	MAIN BOOM-----	100% EXTENDED-----	OVER REAR-----	1250-----	21
9-----	MAIN BOOM-----	100% EXTENDED-----	OVER REAR-----	0-----	22
10-----	MAIN BOOM-----	100% EXTENDED-----	FULL 360°-----	10000-----	23
11-----	MAIN BOOM-----	100% EXTENDED-----	FULL 360°-----	8750-----	24
12-----	MAIN BOOM-----	100% EXTENDED-----	FULL 360°-----	7500-----	25
13-----	MAIN BOOM-----	100% EXTENDED-----	FULL 360°-----	6250-----	26
14-----	MAIN BOOM-----	100% EXTENDED-----	FULL 360°-----	5000-----	27
15-----	MAIN BOOM-----	100% EXTENDED-----	FULL 360°-----	3750-----	28
16-----	MAIN BOOM-----	100% EXTENDED-----	FULL 360°-----	2500-----	29
17-----	MAIN BOOM-----	100% EXTENDED-----	FULL 360°-----	1250-----	30
18-----	MAIN BOOM-----	100% EXTENDED-----	FULL 360°-----	0-----	31
19-----	MAIN BOOM-----	50% EXTENDED-----	FULL 360°-----	10000-----	32
20-----	MAIN BOOM-----	50% EXTENDED-----	FULL 360°-----	8750-----	33
21-----	MAIN BOOM-----	50% EXTENDED-----	FULL 360°-----	7500-----	34
22-----	MAIN BOOM-----	50% EXTENDED-----	FULL 360°-----	6250-----	35
23-----	MAIN BOOM-----	50% EXTENDED-----	FULL 360°-----	5000-----	36
24-----	MAIN BOOM-----	50% EXTENDED-----	FULL 360°-----	3750-----	37
25-----	MAIN BOOM-----	50% EXTENDED-----	FULL 360°-----	2500-----	38
26-----	MAIN BOOM-----	50% EXTENDED-----	FULL 360°-----	1250-----	39
27-----	MAIN BOOM-----	50% EXTENDED-----	FULL 360°-----	0-----	40
28-----	MAIN BOOM-----	RETRACTED-----	FULL 360°-----	10000-----	41
29-----	MAIN BOOM-----	RETRACTED-----	FULL 360°-----	8750-----	42
30-----	MAIN BOOM-----	RETRACTED-----	FULL 360°-----	7500-----	43
31-----	MAIN BOOM-----	RETRACTED-----	FULL 360°-----	6250-----	44
32-----	MAIN BOOM-----	RETRACTED-----	FULL 360°-----	5000-----	45
33-----	MAIN BOOM-----	RETRACTED-----	FULL 360°-----	3750-----	46
34-----	MAIN BOOM-----	RETRACTED-----	FULL 360°-----	2500-----	47
35-----	MAIN BOOM-----	RETRACTED-----	FULL 360°-----	1250-----	48
36-----	MAIN BOOM-----	RETRACTED-----	FULL 360°-----	0-----	49
37-----	RETRACTED JIB 0° OFFSET-----	100% EXTENDED-----	OVER REAR-----	10000-----	50
38-----	RETRACTED JIB 0° OFFSET-----	100% EXTENDED-----	OVER REAR-----	8750-----	51
39-----	RETRACTED JIB 0° OFFSET-----	100% EXTENDED-----	OVER REAR-----	7500-----	52
40-----	RETRACTED JIB 0° OFFSET-----	100% EXTENDED-----	OVER REAR-----	6250-----	53
41-----	RETRACTED JIB 0° OFFSET-----	100% EXTENDED-----	OVER REAR-----	5000-----	54
42-----	RETRACTED JIB 0° OFFSET-----	100% EXTENDED-----	OVER REAR-----	3750-----	55
43-----	RETRACTED JIB 0° OFFSET-----	100% EXTENDED-----	OVER REAR-----	2500-----	56
44-----	RETRACTED JIB 0° OFFSET-----	100% EXTENDED-----	OVER REAR-----	1250-----	57

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
45	RETRACTED JIB 0° OFFSET	100% EXTENDED	OVER REAR	0	58
46	RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	10000	50
47	RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	8750	51
48	RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	7500	52
49	RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	6250	53
50	RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	5000	54
51	RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	3750	55
52	RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	2500	56
53	RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	1250	57
54	RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	0	58
55	RETRACTED JIB 15° OFFSET	100% EXTENDED	OVER REAR	10000	50
56	RETRACTED JIB 15° OFFSET	100% EXTENDED	OVER REAR	8750	51
57	RETRACTED JIB 15° OFFSET	100% EXTENDED	OVER REAR	7500	52
58	RETRACTED JIB 15° OFFSET	100% EXTENDED	OVER REAR	6250	53
59	RETRACTED JIB 15° OFFSET	100% EXTENDED	OVER REAR	5000	54
60	RETRACTED JIB 15° OFFSET	100% EXTENDED	OVER REAR	3750	55
61	RETRACTED JIB 15° OFFSET	100% EXTENDED	OVER REAR	2500	56
62	RETRACTED JIB 15° OFFSET	100% EXTENDED	OVER REAR	1250	57
63	RETRACTED JIB 15° OFFSET	100% EXTENDED	OVER REAR	0	58
64	RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	10000	50
65	RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	8750	51
66	RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	7500	52
67	RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	6250	53
68	RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	5000	54
69	RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	3750	55
70	RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	2500	56
71	RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	1250	57
72	RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	0	58
73	RETRACTED JIB 30° OFFSET	100% EXTENDED	OVER REAR	10000	50
74	RETRACTED JIB 30° OFFSET	100% EXTENDED	OVER REAR	8750	51
75	RETRACTED JIB 30° OFFSET	100% EXTENDED	OVER REAR	7500	52
76	RETRACTED JIB 30° OFFSET	100% EXTENDED	OVER REAR	6250	53
77	RETRACTED JIB 30° OFFSET	100% EXTENDED	OVER REAR	5000	54
78	RETRACTED JIB 30° OFFSET	100% EXTENDED	OVER REAR	3750	55
79	RETRACTED JIB 30° OFFSET	100% EXTENDED	OVER REAR	2500	56
80	RETRACTED JIB 30° OFFSET	100% EXTENDED	OVER REAR	1250	57
81	RETRACTED JIB 30° OFFSET	100% EXTENDED	OVER REAR	0	58
82	RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	10000	50
83	RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	8750	51
84	RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	7500	52
85	RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	6250	53
86	RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	5000	54
87	RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	3750	55
88	RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	2500	56
89	RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	1250	57
90	RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	0	58

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
91	EXTENDED JIB 0° OFFSET	100% EXTENDED	OVER REAR	10000	59
92	EXTENDED JIB 0° OFFSET	100% EXTENDED	OVER REAR	8750	60
93	EXTENDED JIB 0° OFFSET	100% EXTENDED	OVER REAR	7500	61
94	EXTENDED JIB 0° OFFSET	100% EXTENDED	OVER REAR	6250	62
95	EXTENDED JIB 0° OFFSET	100% EXTENDED	OVER REAR	5000	63
96	EXTENDED JIB 0° OFFSET	100% EXTENDED	OVER REAR	3750	64
97	EXTENDED JIB 0° OFFSET	100% EXTENDED	OVER REAR	2500	65
98	EXTENDED JIB 0° OFFSET	100% EXTENDED	OVER REAR	1250	66
99	EXTENDED JIB 0° OFFSET	100% EXTENDED	OVER REAR	0	67
100	EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	10000	59
101	EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	8750	60
102	EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	7500	61
103	EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	6250	62
104	EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	5000	63
105	EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	3750	64
106	EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	2500	65
107	EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	1250	66
108	EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	0	67
109	EXTENDED JIB 15° OFFSET	100% EXTENDED	OVER REAR	10000	59
110	EXTENDED JIB 15° OFFSET	100% EXTENDED	OVER REAR	8750	60
111	EXTENDED JIB 15° OFFSET	100% EXTENDED	OVER REAR	7500	61
112	EXTENDED JIB 15° OFFSET	100% EXTENDED	OVER REAR	6250	62
113	EXTENDED JIB 15° OFFSET	100% EXTENDED	OVER REAR	5000	63
114	EXTENDED JIB 15° OFFSET	100% EXTENDED	OVER REAR	3750	64
115	EXTENDED JIB 15° OFFSET	100% EXTENDED	OVER REAR	2500	65
116	EXTENDED JIB 15° OFFSET	100% EXTENDED	OVER REAR	1250	66
117	EXTENDED JIB 15° OFFSET	100% EXTENDED	OVER REAR	0	67
118	EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	10000	59
119	EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	8750	60
120	EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	7500	61
121	EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	6250	62
122	EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	5000	63
123	EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	3750	64
124	EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	2500	65
125	EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	1250	66
126	EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	0	67
127	EXTENDED JIB 30° OFFSET	100% EXTENDED	OVER REAR	10000	59
128	EXTENDED JIB 30° OFFSET	100% EXTENDED	OVER REAR	8750	60
129	EXTENDED JIB 30° OFFSET	100% EXTENDED	OVER REAR	7500	61
130	EXTENDED JIB 30° OFFSET	100% EXTENDED	OVER REAR	6250	62
131	EXTENDED JIB 30° OFFSET	100% EXTENDED	OVER REAR	5000	63
132	EXTENDED JIB 30° OFFSET	100% EXTENDED	OVER REAR	3750	64
133	EXTENDED JIB 30° OFFSET	100% EXTENDED	OVER REAR	2500	65
134	EXTENDED JIB 30° OFFSET	100% EXTENDED	OVER REAR	1250	66
135	EXTENDED JIB 30° OFFSET	100% EXTENDED	OVER REAR	0	67
136	EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	10000	59

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
137	EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	8750	60
138	EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	7500	61
139	EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	6250	62
140	EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	5000	63
141	EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	3750	64
142	EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	2500	65
143	EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	1250	66
144	EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	0	67
145	RETRACTED JIB 0° OFFSET	50% EXTENDED	FULL 360°	10000	68
146	RETRACTED JIB 0° OFFSET	50% EXTENDED	FULL 360°	8750	69
147	RETRACTED JIB 0° OFFSET	50% EXTENDED	FULL 360°	7500	70
148	RETRACTED JIB 0° OFFSET	50% EXTENDED	FULL 360°	6250	71
149	RETRACTED JIB 0° OFFSET	50% EXTENDED	FULL 360°	5000	72
150	RETRACTED JIB 0° OFFSET	50% EXTENDED	FULL 360°	3750	73
151	RETRACTED JIB 0° OFFSET	50% EXTENDED	FULL 360°	2500	74
152	RETRACTED JIB 0° OFFSET	50% EXTENDED	FULL 360°	1250	75
153	RETRACTED JIB 0° OFFSET	50% EXTENDED	FULL 360°	0	76
154	RETRACTED JIB 15° OFFSET	50% EXTENDED	FULL 360°	10000	68
155	RETRACTED JIB 15° OFFSET	50% EXTENDED	FULL 360°	8750	69
156	RETRACTED JIB 15° OFFSET	50% EXTENDED	FULL 360°	7500	70
157	RETRACTED JIB 15° OFFSET	50% EXTENDED	FULL 360°	6250	71
158	RETRACTED JIB 15° OFFSET	50% EXTENDED	FULL 360°	5000	72
159	RETRACTED JIB 15° OFFSET	50% EXTENDED	FULL 360°	3750	73
160	RETRACTED JIB 15° OFFSET	50% EXTENDED	FULL 360°	2500	74
161	RETRACTED JIB 15° OFFSET	50% EXTENDED	FULL 360°	1250	75
162	RETRACTED JIB 15° OFFSET	50% EXTENDED	FULL 360°	0	76
163	RETRACTED JIB 30° OFFSET	50% EXTENDED	FULL 360°	10000	68
164	RETRACTED JIB 30° OFFSET	50% EXTENDED	FULL 360°	8750	69
165	RETRACTED JIB 30° OFFSET	50% EXTENDED	FULL 360°	7500	70
166	RETRACTED JIB 30° OFFSET	50% EXTENDED	FULL 360°	6250	71
167	RETRACTED JIB 30° OFFSET	50% EXTENDED	FULL 360°	5000	72
168	RETRACTED JIB 30° OFFSET	50% EXTENDED	FULL 360°	3750	73
169	RETRACTED JIB 30° OFFSET	50% EXTENDED	FULL 360°	2500	74
170	RETRACTED JIB 30° OFFSET	50% EXTENDED	FULL 360°	1250	75
171	RETRACTED JIB 30° OFFSET	50% EXTENDED	FULL 360°	0	76
172	EXTENDED JIB 0° OFFSET	50% EXTENDED	FULL 360°	10000	77
173	EXTENDED JIB 0° OFFSET	50% EXTENDED	FULL 360°	8750	78
174	EXTENDED JIB 0° OFFSET	50% EXTENDED	FULL 360°	7500	79
175	EXTENDED JIB 0° OFFSET	50% EXTENDED	FULL 360°	6250	80
176	EXTENDED JIB 0° OFFSET	50% EXTENDED	FULL 360°	5000	81
177	EXTENDED JIB 0° OFFSET	50% EXTENDED	FULL 360°	3750	82
178	EXTENDED JIB 0° OFFSET	50% EXTENDED	FULL 360°	2500	83
179	EXTENDED JIB 0° OFFSET	50% EXTENDED	FULL 360°	1250	84
180	EXTENDED JIB 0° OFFSET	50% EXTENDED	FULL 360°	0	85
181	EXTENDED JIB 15° OFFSET	50% EXTENDED	FULL 360°	10000	77
182	EXTENDED JIB 15° OFFSET	50% EXTENDED	FULL 360°	8750	78

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
183	EXTENDED JIB 15° OFFSET	50% EXTENDED	FULL 360°	7500	79
184	EXTENDED JIB 15° OFFSET	50% EXTENDED	FULL 360°	6250	80
185	EXTENDED JIB 15° OFFSET	50% EXTENDED	FULL 360°	5000	81
186	EXTENDED JIB 15° OFFSET	50% EXTENDED	FULL 360°	3750	82
187	EXTENDED JIB 15° OFFSET	50% EXTENDED	FULL 360°	2500	83
188	EXTENDED JIB 15° OFFSET	50% EXTENDED	FULL 360°	1250	84
189	EXTENDED JIB 15° OFFSET	50% EXTENDED	FULL 360°	0	85
190	EXTENDED JIB 30° OFFSET	50% EXTENDED	FULL 360°	10000	77
191	EXTENDED JIB 30° OFFSET	50% EXTENDED	FULL 360°	8750	78
192	EXTENDED JIB 30° OFFSET	50% EXTENDED	FULL 360°	7500	79
193	EXTENDED JIB 30° OFFSET	50% EXTENDED	FULL 360°	6250	80
194	EXTENDED JIB 30° OFFSET	50% EXTENDED	FULL 360°	5000	81
195	EXTENDED JIB 30° OFFSET	50% EXTENDED	FULL 360°	3750	82
196	EXTENDED JIB 30° OFFSET	50% EXTENDED	FULL 360°	2500	83
197	EXTENDED JIB 30° OFFSET	50% EXTENDED	FULL 360°	1250	84
198	EXTENDED JIB 30° OFFSET	50% EXTENDED	FULL 360°	0	85
199	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	10000	
200	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	8750	
201	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	7500	
202	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	6250	
203	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	5000	
204	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	3750	
205	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	2500	
206	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	1250	
207	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	0	
208	PERSONNEL LIFTING RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	10000	
209	PERSONNEL LIFTING RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	8750	
210	PERSONNEL LIFTING RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	7500	
211	PERSONNEL LIFTING RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	6250	
212	PERSONNEL LIFTING RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	5000	
213	PERSONNEL LIFTING RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	3750	
214	PERSONNEL LIFTING RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	2500	
215	PERSONNEL LIFTING RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	1250	
216	PERSONNEL LIFTING RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	0	
217	PERSONNEL LIFTING RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	10000	
218	PERSONNEL LIFTING RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	8750	
219	PERSONNEL LIFTING RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	7500	
220	PERSONNEL LIFTING RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	6250	
221	PERSONNEL LIFTING RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	5000	
222	PERSONNEL LIFTING RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	3750	
223	PERSONNEL LIFTING RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	2500	
224	PERSONNEL LIFTING RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	1250	
225	PERSONNEL LIFTING RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	0	
226	PERSONNEL LIFTING RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	10000	
227	PERSONNEL LIFTING RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	8750	
228	PERSONNEL LIFTING RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	7500	

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
229	PERSONNEL LIFTING RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	6250	
230	PERSONNEL LIFTING RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	5000	
231	PERSONNEL LIFTING RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	3750	
232	PERSONNEL LIFTING RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	2500	
233	PERSONNEL LIFTING RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	1250	
234	PERSONNEL LIFTING RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	0	
235	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	10000	
236	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	8750	
237	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	7500	
238	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	6250	
239	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	5000	
240	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	3750	
241	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	2500	
242	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	1250	
243	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	0	
244	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	10000	
245	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	8750	
246	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	7500	
247	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	6250	
248	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	5000	
249	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	3750	
250	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	2500	
251	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	1250	
252	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	0	
253	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	10000	
254	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	8750	
255	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	7500	
256	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	6250	
257	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	5000	
258	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	3750	
259	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	2500	
260	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	1250	
261	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	0	
262	MAIN BOOM - STOWED JIB	100% EXTENDED	OVER REAR	10000	
263	MAIN BOOM - STOWED JIB	100% EXTENDED	OVER REAR	8750	
264	MAIN BOOM - STOWED JIB	100% EXTENDED	OVER REAR	7500	
265	MAIN BOOM - STOWED JIB	100% EXTENDED	OVER REAR	6250	
266	MAIN BOOM - STOWED JIB	100% EXTENDED	OVER REAR	5000	
267	MAIN BOOM - STOWED JIB	100% EXTENDED	OVER REAR	3750	
268	MAIN BOOM - STOWED JIB	100% EXTENDED	OVER REAR	2500	
269	MAIN BOOM - STOWED JIB	100% EXTENDED	OVER REAR	1250	
270	MAIN BOOM - STOWED JIB	100% EXTENDED	OVER REAR	0	
271	MAIN BOOM - STOWED JIB	100% EXTENDED	FULL 360°	10000	
272	MAIN BOOM - STOWED JIB	100% EXTENDED	FULL 360°	8750	
273	MAIN BOOM - STOWED JIB	100% EXTENDED	FULL 360°	7500	
274	MAIN BOOM - STOWED JIB	100% EXTENDED	FULL 360°	6250	

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
275	MAIN BOOM - STOWED JIB	100% EXTENDED	FULL 360°	5000	
276	MAIN BOOM - STOWED JIB	100% EXTENDED	FULL 360°	3750	
277	MAIN BOOM - STOWED JIB	100% EXTENDED	FULL 360°	2500	
278	MAIN BOOM - STOWED JIB	100% EXTENDED	FULL 360°	1250	
279	MAIN BOOM - STOWED JIB	100% EXTENDED	FULL 360°	0	
280	MAIN BOOM - STOWED JIB	50% EXTENDED	FULL 360°	10000	
281	MAIN BOOM - STOWED JIB	50% EXTENDED	FULL 360°	8750	
282	MAIN BOOM - STOWED JIB	50% EXTENDED	FULL 360°	7500	
283	MAIN BOOM - STOWED JIB	50% EXTENDED	FULL 360°	6250	
284	MAIN BOOM - STOWED JIB	50% EXTENDED	FULL 360°	5000	
285	MAIN BOOM - STOWED JIB	50% EXTENDED	FULL 360°	3750	
286	MAIN BOOM - STOWED JIB	50% EXTENDED	FULL 360°	2500	
287	MAIN BOOM - STOWED JIB	50% EXTENDED	FULL 360°	1250	
288	MAIN BOOM - STOWED JIB	50% EXTENDED	FULL 360°	0	
289	MAIN BOOM - STOWED JIB	RETRACTED	FULL 360°	10000	
290	MAIN BOOM - STOWED JIB	RETRACTED	FULL 360°	8750	
291	MAIN BOOM - STOWED JIB	RETRACTED	FULL 360°	7500	
292	MAIN BOOM - STOWED JIB	RETRACTED	FULL 360°	6250	
293	MAIN BOOM - STOWED JIB	RETRACTED	FULL 360°	5000	
294	MAIN BOOM - STOWED JIB	RETRACTED	FULL 360°	3750	
295	MAIN BOOM - STOWED JIB	RETRACTED	FULL 360°	2500	
296	MAIN BOOM - STOWED JIB	RETRACTED	FULL 360°	1250	
297	MAIN BOOM - STOWED JIB	RETRACTED	FULL 360°	0	
298	PERSONNEL LIFTING MAIN BOOM - STOWED JIB	100% EXTENDED	FULL 360°	10000	
299	PERSONNEL LIFTING MAIN BOOM - STOWED JIB	100% EXTENDED	FULL 360°	8750	
300	PERSONNEL LIFTING MAIN BOOM - STOWED JIB	100% EXTENDED	FULL 360°	7500	
301	PERSONNEL LIFTING MAIN BOOM - STOWED JIB	100% EXTENDED	FULL 360°	6250	
302	PERSONNEL LIFTING MAIN BOOM - STOWED JIB	100% EXTENDED	FULL 360°	5000	
303	PERSONNEL LIFTING MAIN BOOM - STOWED JIB	100% EXTENDED	FULL 360°	3750	
304	PERSONNEL LIFTING MAIN BOOM - STOWED JIB	100% EXTENDED	FULL 360°	2500	
305	PERSONNEL LIFTING MAIN BOOM - STOWED JIB	100% EXTENDED	FULL 360°	1250	
306	PERSONNEL LIFTING MAIN BOOM - STOWED JIB	100% EXTENDED	FULL 360°	0	
307	MAIN BOOM LINE LIFTER HORIZONTAL	100% EXTENDED	FULL 360°	10000	
308	MAIN BOOM LINE LIFTER HORIZONTAL	100% EXTENDED	FULL 360°	8750	
309	MAIN BOOM LINE LIFTER HORIZONTAL	100% EXTENDED	FULL 360°	7500	
310	MAIN BOOM LINE LIFTER HORIZONTAL	100% EXTENDED	FULL 360°	6250	
311	MAIN BOOM LINE LIFTER HORIZONTAL	100% EXTENDED	FULL 360°	5000	
312	MAIN BOOM LINE LIFTER HORIZONTAL	100% EXTENDED	FULL 360°	3750	
313	MAIN BOOM LINE LIFTER HORIZONTAL	100% EXTENDED	FULL 360°	2500	
314	MAIN BOOM LINE LIFTER HORIZONTAL	100% EXTENDED	FULL 360°	1250	
315	MAIN BOOM LINE LIFTER HORIZONTAL	100% EXTENDED	FULL 360°	0	
316	MAIN BOOM LINE LIFTER VERTICAL	100% EXTENDED	FULL 360°	10000	
317	MAIN BOOM LINE LIFTER VERTICAL	100% EXTENDED	FULL 360°	8750	
318	MAIN BOOM LINE LIFTER VERTICAL	100% EXTENDED	FULL 360°	7500	
319	MAIN BOOM LINE LIFTER VERTICAL	100% EXTENDED	FULL 360°	6250	
320	MAIN BOOM LINE LIFTER VERTICAL	100% EXTENDED	FULL 360°	5000	

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
321-----	MAIN BOOM LINE LIFTER VERTICAL-----	100% EXTENDED-----	FULL 360°-----	3750-----	
322-----	MAIN BOOM LINE LIFTER VERTICAL-----	100% EXTENDED-----	FULL 360°-----	2500-----	
323-----	MAIN BOOM LINE LIFTER VERTICAL-----	100% EXTENDED-----	FULL 360°-----	1250-----	
324-----	MAIN BOOM LINE LIFTER VERTICAL-----	100% EXTENDED-----	FULL 360°-----	0-----	
325-----	MAIN BOOM LINE LIFTER MULTI-ANGLE-----	100% EXTENDED-----	FULL 360°-----	10000-----	
326-----	MAIN BOOM LINE LIFTER MULTI-ANGLE-----	100% EXTENDED-----	FULL 360°-----	8750-----	
327-----	MAIN BOOM LINE LIFTER MULTI-ANGLE-----	100% EXTENDED-----	FULL 360°-----	7500-----	
328-----	MAIN BOOM LINE LIFTER MULTI-ANGLE-----	100% EXTENDED-----	FULL 360°-----	6250-----	
329-----	MAIN BOOM LINE LIFTER MULTI-ANGLE-----	100% EXTENDED-----	FULL 360°-----	5000-----	
330-----	MAIN BOOM LINE LIFTER MULTI-ANGLE-----	100% EXTENDED-----	FULL 360°-----	3750-----	
331-----	MAIN BOOM LINE LIFTER MULTI-ANGLE-----	100% EXTENDED-----	FULL 360°-----	2500-----	
332-----	MAIN BOOM LINE LIFTER MULTI-ANGLE-----	100% EXTENDED-----	FULL 360°-----	1250-----	
333-----	MAIN BOOM LINE LIFTER MULTI-ANGLE-----	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

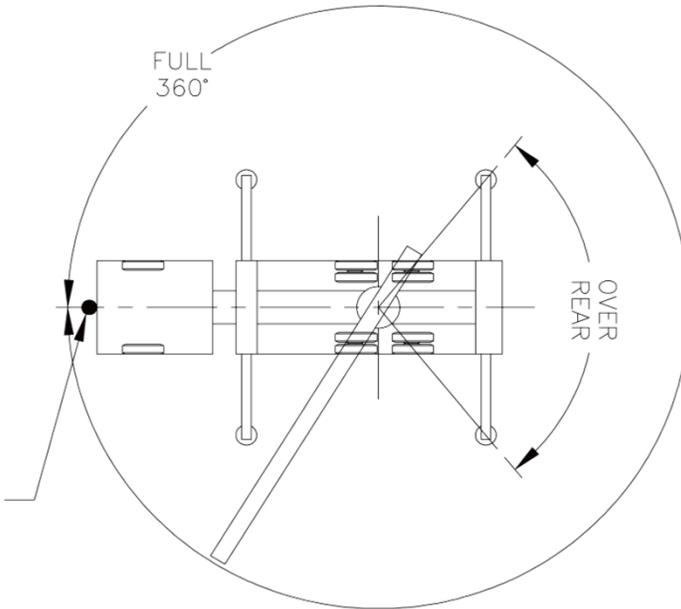
1. OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION TO THE CENTER OF THE VERTICAL HOIST LINE OR TACKLE WITH LOAD APPLIED.
2. LOADED BOOM ANGLE IS THE INCLUDED ANGLE BETWEEN THE HORIZONTAL AND LONGITUDINAL AXES OF THE BOOM BASE AFTER LIFTING RATED LOAD AT THE RATED RADIUS.

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	
										<p>ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE.</p> <p>REFER TO THE OWNER'S MANUAL.</p> <p>KEEP AT LEAST 3 WRAPS OF LOAD LINE ON THE DRUM AT ALL TIMES.</p>
10000 LBS	20000 LBS	30000 LBS	40000 LBS	50000 LBS	60000 LBS	70000 LBS	80000 LBS	90000 LBS	100000 LBS	

AREA OF OPERATIONS

FOR CRANES WITH A FRONT BUMPER STABILIZER, THE FRONT BUMPER STABILIZER MUST BE SET IN ACCORDANCE TO THE OPERATORS MANUAL BEFORE WORKING IN THE "FULL 360°" AREA.

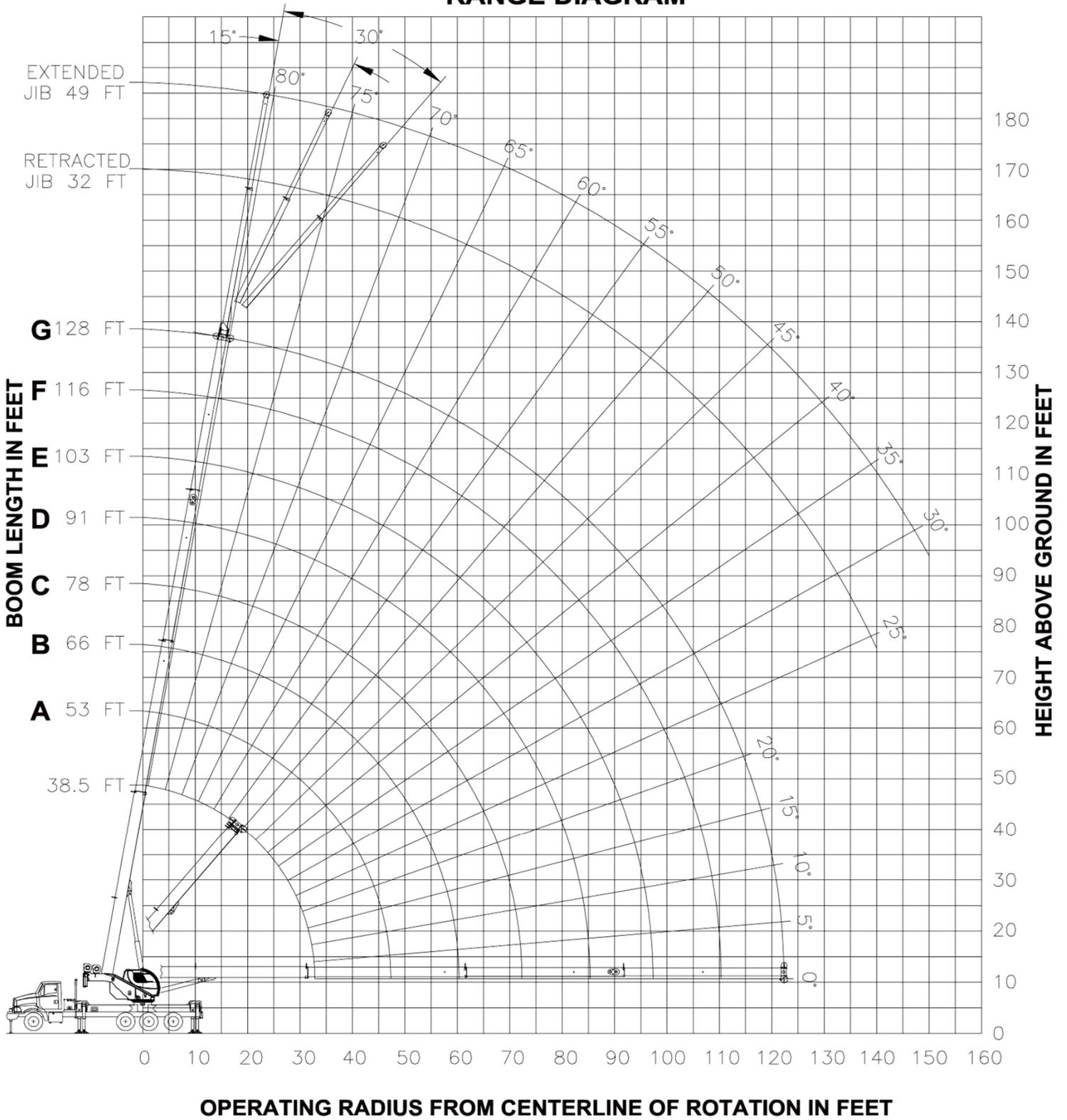
FOR CRANES WITHOUT A FRONT BUMPER STABILIZER, ADJUST THE OUTRIGGERS UNTIL FRONT TIRES ARE BARELY TOUCHING THE GROUND BEFORE WORKING IN THE "FULL 360°" AREA.



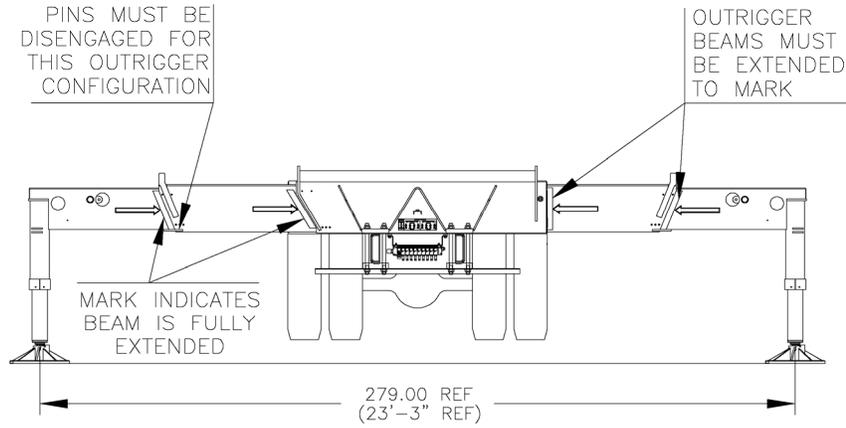
DEDUCTIONS FROM RATED LOADS FOR LOAD HANDLING DEVICES SUPPLIED BY MANITEX

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

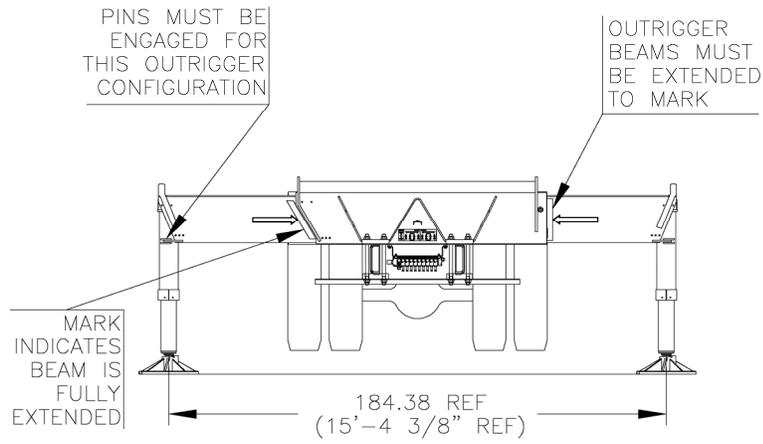
- RANGE DIAGRAM -



FULLY EXTENDED OUTRIGGERS

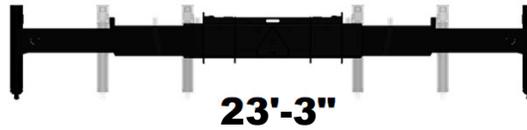


MID SPAN OUTRIGGERS



CODE 1

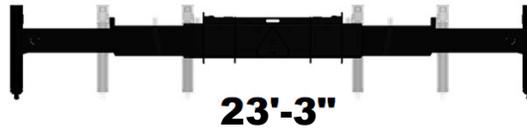
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32700	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	28100	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	23380	48°	22520	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	18340	42°	20110	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	17360	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	15040	41°	13850	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	12560	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	11450	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	9840	36.5°	8770	46°	8060	53°	7430	58°	6910	70
75									30°	8000	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	7320	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	6140	42.5°	5650	49°	5250	85
90											25°	5630	38°	5160	46°	4790	90
95											15.5°	5160	33.5°	4720	42°	4370	95
100													28.5°	4310	38.5°	3980	100
105													21.5°	3940	34°	3620	105
110													7.5°	3610	29.5°	3300	110
115															23.5°	2990	115
120															15°	2710	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	21900	0°	14400	0°	9550	0°	7600	0°	5150	0°	3900	0°	3450	0°	1650	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 2

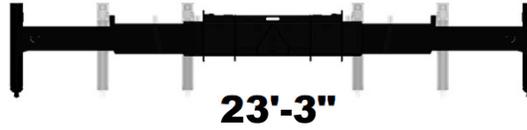
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32700	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	28100	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	23380	48°	22520	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	18340	42°	20110	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	17360	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	15040	41°	13850	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	12560	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	11450	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	9840	36.5°	8770	46°	8060	53°	7430	58°	6910	70
75									30°	8000	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	7320	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	6140	42.5°	5650	49°	5250	85
90											25°	5630	38°	5160	46°	4790	90
95											15.5°	5160	33.5°	4720	42°	4370	95
100													28.5°	4310	38.5°	3980	100
105													21.5°	3940	34°	3620	105
110													7.5°	3610	29.5°	3300	110
115															23.5°	2990	115
120															15°	2710	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	21900	0°	14400	0°	9550	0°	7600	0°	5150	0°	3900	0°	3450	0°	1650	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 3

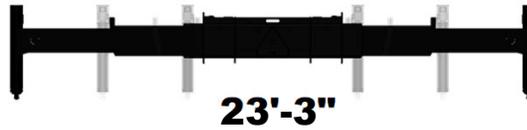
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32700	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	28100	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	23380	48°	22520	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	18340	42°	20110	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	17360	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	15040	41°	13850	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	12560	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	11450	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	9840	36.5°	8770	46°	8060	53°	7430	58°	6910	70
75									30°	8000	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	7320	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	6140	42.5°	5650	49°	5250	85
90											25°	5630	38°	5160	46°	4790	90
95											15.5°	5160	33.5°	4720	42°	4370	95
100													28.5°	4310	38.5°	3980	100
105													21.5°	3940	34°	3620	105
110													7.5°	3610	29.5°	3300	110
115															23.5°	2990	115
120															15°	2710	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	21900	0°	14400	0°	9550	0°	7600	0°	5150	0°	3900	0°	3450	0°	1650	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 4

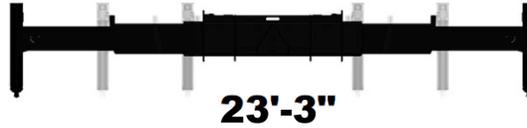
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32700	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	27670	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	23200	48°	22520	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	18340	42°	20110	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	17360	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	15040	41°	13850	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	12560	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	11450	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	9840	36.5°	8770	46°	8060	53°	7430	58°	6910	70
75									30°	8000	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	7320	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	6140	42.5°	5650	49°	5250	85
90											25°	5630	38°	5160	46°	4790	90
95											15.5°	5160	33.5°	4720	42°	4370	95
100													28.5°	4310	38.5°	3980	100
105													21.5°	3940	34°	3620	105
110													7.5°	3610	29.5°	3300	110
115															23.5°	2990	115
120															15°	2710	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	21900	0°	14400	0°	9550	0°	7600	0°	5150	0°	3900	0°	3450	0°	1650	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 5

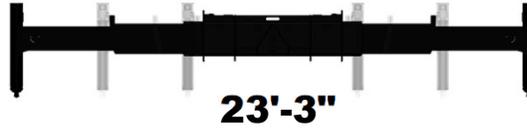
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)								
LENGTH		38.5 FT	53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32700	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	27230	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	22820	48°	22520	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	18340	42°	19830	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	17110	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	14870	41°	13850	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	12560	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	11450	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	9840	36.5°	8770	46°	8060	53°	7430	58°	6910	70
75									30°	8000	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	7320	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	6140	42.5°	5650	49°	5250	85
90											25°	5630	38°	5160	46°	4790	90
95											15.5°	5160	33.5°	4720	42°	4370	95
100													28.5°	4310	38.5°	3980	100
105													21.5°	3940	34°	3620	105
110													7.5°	3610	29.5°	3300	110
115															23.5°	2990	115
120															15°	2710	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	21900	0°	14400	0°	9550	0°	7600	0°	5150	0°	3900	0°	3450	0°	1650	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 6

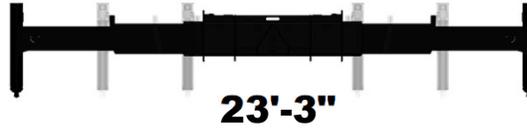
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32630	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	26790	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	22430	48°	22520	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	18340	42°	19490	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	16780	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	14260	41°	13850	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	12530	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	10880	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	9480	36.5°	8770	46°	8060	53°	7430	58°	6910	70
75									30°	8000	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	7320	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	6140	42.5°	5650	49°	5250	85
90											25°	5630	38°	5160	46°	4790	90
95											15.5°	5160	33.5°	4720	42°	4370	95
100													28.5°	4310	38.5°	3980	100
105													21.5°	3940	34°	3620	105
110													7.5°	3610	29.5°	3300	110
115															23.5°	2990	115
120															15°	2710	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	21900	0°	14400	0°	9550	0°	7400	0°	5150	0°	3900	0°	3450	0°	1650	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 7

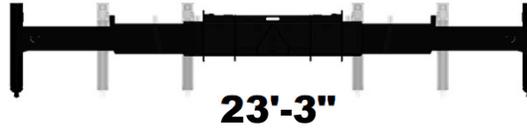
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32120	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	26350	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	22050	48°	22470	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	18340	42°	19150	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	16230	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	13780	41°	13850	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	12090	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	10480	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	9110	36.5°	8770	46°	8060	53°	7430	58°	6910	70
75									30°	8000	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	7210	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	6140	42.5°	5650	49°	5250	85
90											25°	5630	38°	5160	46°	4790	90
95											15.5°	5080	33.5°	4720	42°	4370	95
100													28.5°	4310	38.5°	3980	100
105													21.5°	3940	34°	3620	105
110													7.5°	3590	29.5°	3300	110
115															23.5°	2990	115
120															15°	2710	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	21900	0°	14400	0°	9550	0°	7200	0°	5150	0°	3850	0°	3400	0°	1650	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 8

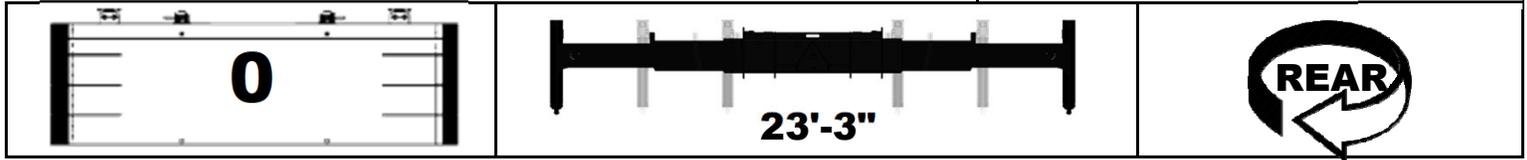
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	38810	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	31600	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	25920	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	21670	48°	22090	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	18250	42°	18740	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	15680	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	13290	41°	13560	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	11650	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	10080	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	8750	36.5°	8770	46°	8060	53°	7430	58°	6910	70
75									30°	7850	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	6890	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	6140	42.5°	5650	49°	5250	85
90											25°	5480	38°	5160	46°	4790	90
95											15.5°	4820	33.5°	4720	42°	4370	95
100													28.5°	4310	38.5°	3980	100
105													21.5°	3860	34°	3620	105
110													7.5°	3370	29.5°	3300	110
115															23.5°	2990	115
120															15°	2670	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	21900	0°	14350	0°	9550	0°	6950	0°	5100	0°	3600	0°	3200	0°	1650	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 9

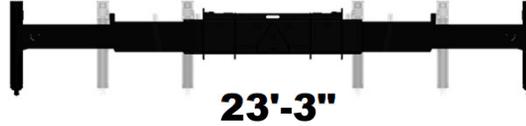
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	38180	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	31090	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	25480	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	21290	48°	21700	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	17620	42°	18120	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	15130	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	12800	41°	13070	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	11210	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	9680	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	8380	36.5°	8600	46°	8060	53°	7430	58°	6910	70
75									30°	7520	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	6580	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	5910	42.5°	5650	49°	5250	85
90											25°	5200	38°	5160	46°	4790	90
95											15.5°	4560	33.5°	4690	42°	4370	95
100													28.5°	4130	38.5°	3980	100
105													21.5°	3620	34°	3620	105
110													7.5°	3150	29.5°	3260	110
115															23.5°	2850	115
120															15°	2470	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	21900	0°	14000	0°	9550	0°	6800	0°	5150	0°	3600	0°	3000	0°	1550	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 10

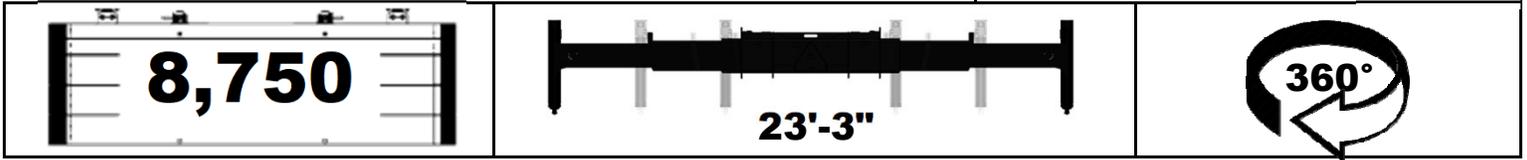
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32700	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	27850	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	22370	48°	22520	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	18070	42°	18590	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	15420	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	12960	41°	13250	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	11310	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	9720	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	8380	36.5°	8610	46°	8060	53°	7430	58°	6910	70
75									30°	7500	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	6540	37°	6680	46°	6180	52°	5750	80
85									7°	5290	31.5°	5860	42.5°	5650	49°	5250	85
90											25°	5140	38°	5160	46°	4790	90
95											15.5°	4490	33.5°	4620	42°	4370	95
100													28.5°	4050	38.5°	3980	100
105													21.5°	3550	34°	3620	105
110													7.5°	3070	29.5°	3180	110
115															23.5°	2760	115
120															15°	2380	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	21900	0°	14250	0°	9550	0°	6800	0°	5150	0°	3550	0°	2950	0°	1500	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 11

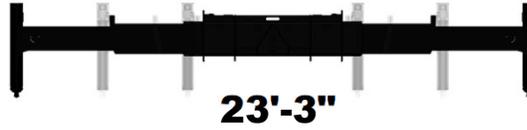
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32700	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	27440	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	21530	48°	22030	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	17360	42°	17880	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	14800	46.5°	15080	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	12420	41°	12710	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	10820	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	9270	41.5°	9480	50°	8860	56°	8160	60.5°	7570	65
70							16°	7980	36.5°	8200	46°	8060	53°	7430	58°	6910	70
75									30°	7120	41.5°	7260	49.5°	6780	55°	6300	75
80									22°	6190	37°	6340	46°	6180	52°	5750	80
85									7°	5290	31.5°	5540	42.5°	5640	49°	5250	85
90											25°	4840	38°	4950	46°	4790	90
95											15.5°	4210	33.5°	4330	42°	4370	95
100													28.5°	3790	38.5°	3860	100
105													21.5°	3290	34°	3380	105
110													7.5°	2830	29.5°	2940	110
115															23.5°	2530	115
120															15°	2160	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	21900	0°	13850	0°	9550	0°	6600	0°	5150	0°	3400	0°	2700	0°	1350	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 12

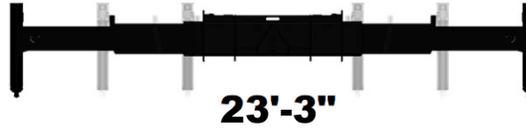
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32700	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	26420	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	20700	48°	21200	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	16650	42°	17170	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	14180	46.5°	14460	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	11870	41°	12160	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	10330	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	8830	41.5°	9040	50°	8860	56°	8160	60.5°	7570	65
70							16°	7570	36.5°	7800	46°	7930	53°	7430	58°	6910	70
75									30°	6750	41.5°	6880	49.5°	6780	55°	6300	75
80									22°	5850	37°	5990	46°	6090	52°	5750	80
85									7°	5040	31.5°	5210	42.5°	5320	49°	5250	85
90											25°	4530	38°	4650	46°	4720	90
95											15.5°	3920	33.5°	4050	42°	4120	95
100													28.5°	3520	38.5°	3600	100
105													21.5°	3040	34°	3120	105
110													7.5°	2590	29.5°	2690	110
115															23.5°	2310	115
120															15°	1940	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	21900	0°	13500	0°	9550	0°	6400	0°	4900	0°	3250	0°	2500	0°	1250	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 13

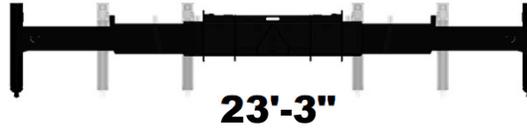
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32280	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	25410	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	19860	48°	20360	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	15940	42°	16460	52°	16740	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	13570	46.5°	13850	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	11330	41°	11610	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9500	35°	9840	46.5°	10040	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	8390	41.5°	8590	50°	8720	56°	8160	60.5°	7570	65
70							16°	7160	36.5°	7390	46°	7520	53°	7430	58°	6910	70
75									30°	6380	41.5°	6510	49.5°	6610	55°	6300	75
80									22°	5500	37°	5640	46°	5750	52°	5750	80
85									7°	4720	31.5°	4890	42.5°	5000	49°	5070	85
90											25°	4230	38°	4340	46°	4420	90
95											15.5°	3640	33.5°	3770	42°	3840	95
100													28.5°	3250	38.5°	3330	100
105													21.5°	2780	34°	2870	105
110													7.5°	2350	29.5°	2450	110
115															23.5°	2080	115
120															15°	1730	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	21900	0°	13100	0°	9300	0°	6150	0°	4600	0°	3100	0°	2250	0°	1150	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 14

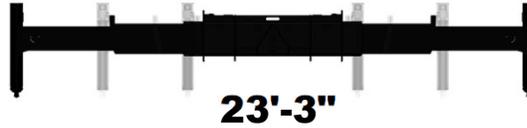
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)								
LENGTH		38.5 FT	53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	31870	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	24390	54°	24910	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	19030	48°	19530	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	15230	42°	15750	52°	16030	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	12950	46.5°	13230	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	10780	41°	11070	50.5°	11270	57°	10500	62°	9890	66°	9130	55
60					7°	9010	35°	9350	46.5°	9550	53.5°	9680	59°	8970	63.5°	8320	60
65							27°	7940	41.5°	8150	50°	8280	56°	8160	60.5°	7570	65
70							16°	6760	36.5°	6990	46°	7120	53°	7220	58°	6910	70
75									30°	6000	41.5°	6140	49.5°	6240	55°	6300	75
80									22°	5150	37°	5300	46°	5400	52°	5470	80
85									7°	4390	31.5°	4570	42.5°	4680	49°	4750	85
90											25°	3930	38°	4040	46°	4110	90
95											15.5°	3350	33.5°	3480	42°	3560	95
100													28.5°	2980	38.5°	3060	100
105													21.5°	2530	34°	2610	105
110													7.5°	2110	29.5°	2210	110
115															23.5°	1850	115
120															15°	1510	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	21900	0°	12700	0°	8850	0°	5950	0°	4300	0°	2950	0°	2050	0°	1000	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 15

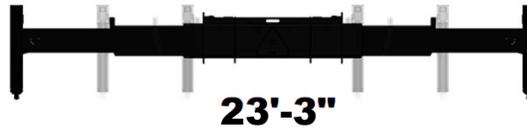
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	38150	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30160	49.5°	31360	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	23380	54°	23890	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	18190	48°	18690	56.5°	18980	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	14520	42°	15040	52°	15320	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	12330	46.5°	12610	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	10230	41°	10520	50.5°	10720	57°	10500	62°	9890	66°	9130	55
60					7°	8520	35°	8860	46.5°	9060	53.5°	9190	59°	8970	63.5°	8320	60
65							27°	7500	41.5°	7710	50°	7830	56°	7940	60.5°	7570	65
70							16°	6350	36.5°	6580	46°	6710	53°	6810	58°	6890	70
75									30°	5630	41.5°	5760	49.5°	5870	55°	5940	75
80									22°	4810	37°	4950	46°	5050	52°	5130	80
85									7°	4070	31.5°	4250	42.5°	4350	49°	4420	85
90											25°	3630	38°	3740	46°	3810	90
95											15.5°	3070	33.5°	3200	42°	3270	95
100													28.5°	2710	38.5°	2790	100
105													21.5°	2280	34°	2360	105
110													7.5°	1870	29.5°	1970	110
115															23.5°	1620	115
120															15°	1290	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	21850	0°	12350	0°	8350	0°	5750	0°	4000	0°	2800	0°	1800	0°	900	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 16

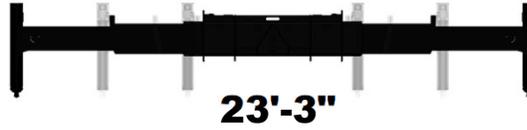
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	37650	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	28870	49.5°	30070	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	22370	54°	22880	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	17360	48°	17860	56.5°	18150	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	13810	42°	14330	52°	14610	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	11710	46.5°	11990	55°	12200	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	9690	41°	9970	50.5°	10170	57°	10310	62°	9890	66°	9130	55
60					7°	8030	35°	8370	46.5°	8570	53.5°	8700	59°	8800	63.5°	8320	60
65							27°	7050	41.5°	7260	50°	7390	56°	7490	60.5°	7570	65
70							16°	5950	36.5°	6170	46°	6300	53°	6410	58°	6480	70
75									30°	5250	41.5°	5390	49.5°	5490	55°	5560	75
80									22°	4460	37°	4600	46°	4710	52°	4780	80
85									7°	3750	31.5°	3920	42.5°	4030	49°	4100	85
90											25°	3320	38°	3440	46°	3510	90
95											15.5°	2790	33.5°	2910	42°	2990	95
100													28.5°	2450	38.5°	2520	100
105													21.5°	2020	34°	2110	105
110													7.5°	1620	29.5°	1730	110
115															23.5°	1390	115
120															15°	1070	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	21300	0°	11950	0°	7900	0°	5500	0°	3700	0°	2650	0°	1600	0°	800	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 17

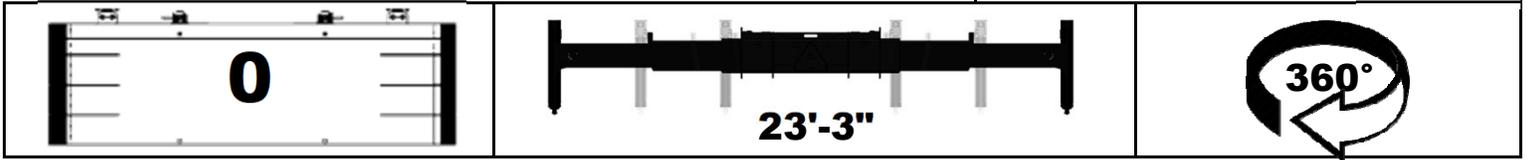
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	37160	56°	37930	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	27580	49.5°	28780	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	21350	54°	21870	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	16520	48°	17020	56.5°	17310	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	13100	42°	13620	52°	13900	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	11100	46.5°	11380	55°	11580	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	9140	41°	9430	50.5°	9630	57°	9760	62°	9870	66°	9130	55
60					7°	7540	35°	7880	46.5°	8080	53.5°	8210	59°	8310	63.5°	8320	60
65							27°	6610	41.5°	6820	50°	6950	56°	7050	60.5°	7120	65
70							16°	5540	36.5°	5770	46°	5900	53°	6000	58°	6070	70
75									30°	4880	41.5°	5010	49.5°	5120	55°	5190	75
80									22°	4110	37°	4260	46°	4360	52°	4430	80
85									7°	3420	31.5°	3600	42.5°	3710	49°	3780	85
90											25°	3020	38°	3130	46°	3210	90
95											15.5°	2500	33.5°	2630	42°	2700	95
100													28.5°	2180	38.5°	2250	100
105													21.5°	1770	34°	1850	105
110													7.5°	1380	29.5°	1490	110
115															23.5°	1160	115
120															15°	850	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	20750	0°	11600	0°	7450	0°	5200	0°	3350	0°	2350	0°	1350	0°	650	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 18

MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)								
LENGTH		38.5 FT	53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47360	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	36660	56°	37430	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	26290	49.5°	27490	59°	28050	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	20340	54°	20850	61°	21160	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	15690	48°	16190	56.5°	16480	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	12390	42°	12910	52°	13190	59°	13400	64°	12900	68°	11780	71°	10800	45
50					34.5°	10480	46.5°	10760	55°	10960	60.5°	11100	65°	10640	68.5°	10000	50
55					25°	8590	41°	8880	50.5°	9080	57°	9210	62°	9320	66°	9130	55
60					7°	7050	35°	7390	46.5°	7590	53.5°	7720	59°	7820	63.5°	7900	60
65							27°	6170	41.5°	6370	50°	6500	56°	6610	60.5°	6680	65
70							16°	5130	36.5°	5360	46°	5490	53°	5600	58°	5670	70
75									30°	4510	41.5°	4640	49.5°	4740	55°	4810	75
80									22°	3770	37°	3910	46°	4010	52°	4090	80
85									7°	3100	31.5°	3280	42.5°	3380	49°	3460	85
90											25°	2720	38°	2830	46°	2900	90
95											15.5°	2220	33.5°	2340	42°	2420	95
100													28.5°	1910	38.5°	1990	100
105													21.5°	1510	34°	1600	105
110													7.5°	1140	29.5°	1250	110
115															23.5°	930	115
120															15°	620	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	20200	0°	11200	0°	6950	0°	4800	0°	3050	0°	2050	0°	1100	0°	550	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	38850	62.5°	39960	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	25680	56°	26660	64°	27150	69°	27450	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	18340	49.5°	19320	59°	19770	65°	20040	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	14650	54°	15080	61°	15330	66°	15530	70.5°	15660	73°	14480	75.5°	12760	35
40			32°	11400	48°	11840	56.5°	12090	62.5°	12270	67.5°	12400	70.5°	12500	73°	11760	40
45			18.5°	9000	42°	9460	52°	9700	59°	9880	64°	10010	68°	10110	71°	10180	45
50					34.5°	7630	46.5°	7880	55°	8060	60.5°	8180	65°	8280	68.5°	8350	50
55					25°	6180	41°	6440	50.5°	6620	57°	6740	62°	6830	66°	6900	55
60					7°	4960	35°	5270	46.5°	5450	53.5°	5570	59°	5660	63.5°	5730	60
65							27°	4290	41.5°	4480	50°	4600	56°	4700	60.5°	4760	65
70							16°	3460	36.5°	3670	46°	3790	53°	3880	58°	3950	70
75									30°	2970	41.5°	3100	49.5°	3190	55°	3250	75
80									22°	2360	37°	2500	46°	2590	52°	2660	80
85									7°	1810	31.5°	1970	42.5°	2070	49°	2140	85
90											25°	1510	38°	1610	46°	1680	90
95											15.5°	1080	33.5°	1200	42°	1270	95
100													28.5°	830	38.5°	910	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	15700	0°	8150	0°	4900	0°	3100	0°	1750	0°	900	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 20

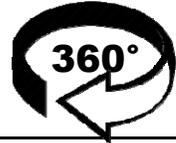
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	37340	62.5°	38440	69°	39010	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	24600	56°	25590	64°	26070	69°	26370	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	17510	49.5°	18480	59°	18930	65°	19200	69.5°	19410	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	13960	54°	14400	61°	14650	66°	14850	70.5°	14980	73°	14480	75.5°	12760	35
40			32°	10830	48°	11260	56.5°	11510	62.5°	11700	67.5°	11820	70.5°	11930	73°	11760	40
45			18.5°	8500	42°	8960	52°	9200	59°	9390	64°	9510	68°	9610	71°	9680	45
50					34.5°	7190	46.5°	7440	55°	7620	60.5°	7740	65°	7840	68.5°	7910	50
55					25°	5790	41°	6050	50.5°	6220	57°	6340	62°	6440	66°	6500	55
60					7°	4600	35°	4910	46.5°	5090	53.5°	5210	59°	5310	63.5°	5370	60
65							27°	3970	41.5°	4160	50°	4280	56°	4370	60.5°	4440	65
70							16°	3160	36.5°	3370	46°	3490	53°	3580	58°	3650	70
75									30°	2700	41.5°	2820	49.5°	2910	55°	2980	75
80									22°	2110	37°	2240	46°	2330	52°	2400	80
85									7°	1570	31.5°	1730	42.5°	1830	49°	1890	85
90											25°	1280	38°	1380	46°	1450	90
95											15.5°	870	33.5°	990	42°	1060	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	14950	0°	7650	0°	4500	0°	2850	0°	1500	0°	700	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	35820	62.5°	36930	69°	37490	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	23520	56°	24510	64°	25000	69°	25300	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	16670	49.5°	17650	59°	18100	65°	18370	69.5°	18580	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	13280	54°	13710	61°	13970	66°	14170	70.5°	14300	73°	14410	75.5°	12760	35
40			32°	10250	48°	10680	56.5°	10930	62.5°	11120	67.5°	11250	70.5°	11350	73°	11430	40
45			18.5°	8000	42°	8460	52°	8700	59°	8890	64°	9010	68°	9110	71°	9180	45
50					34.5°	6750	46.5°	7000	55°	7180	60.5°	7300	65°	7400	68.5°	7470	50
55					25°	5390	41°	5650	50.5°	5830	57°	5950	62°	6040	66°	6110	55
60					7°	4250	35°	4560	46.5°	4740	53.5°	4860	59°	4950	63.5°	5020	60
65							27°	3640	41.5°	3830	50°	3950	56°	4050	60.5°	4110	65
70							16°	2860	36.5°	3070	46°	3190	53°	3280	58°	3350	70
75									30°	2420	41.5°	2540	49.5°	2640	55°	2700	75
80									22°	1850	37°	1980	46°	2080	52°	2140	80
85									7°	1330	31.5°	1490	42.5°	1590	49°	1650	85
90											25°	1050	38°	1160	46°	1220	90
95													33.5°	770	42°	840	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	14200	0°	7200	0°	4150	0°	2550	0°	1300	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 22

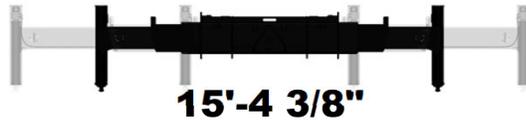
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	34310	62.5°	35420	69°	35980	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	22450	56°	23440	64°	23920	69°	24220	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	15840	49.5°	16810	59°	17260	65°	17530	69.5°	17740	72.5°	17890	75.5°	16060	77.5°	13000	30
35			41.5°	12600	54°	13030	61°	13290	66°	13480	70.5°	13620	73°	13730	75.5°	12760	35
40			32°	9670	48°	10110	56.5°	10360	62.5°	10540	67.5°	10670	70.5°	10770	73°	10850	40
45			18.5°	7500	42°	7960	52°	8210	59°	8390	64°	8510	68°	8610	71°	8680	45
50					34.5°	6310	46.5°	6560	55°	6740	60.5°	6860	65°	6960	68.5°	7020	50
55					25°	5000	41°	5260	50.5°	5440	57°	5560	62°	5650	66°	5720	55
60					7°	3890	35°	4200	46.5°	4380	53.5°	4500	59°	4590	63.5°	4660	60
65							27°	3320	41.5°	3510	50°	3630	56°	3720	60.5°	3790	65
70							16°	2560	36.5°	2770	46°	2890	53°	2990	58°	3050	70
75									30°	2140	41.5°	2270	49.5°	2360	55°	2420	75
80									22°	1590	37°	1720	46°	1820	52°	1880	80
85									7°	1090	31.5°	1250	42.5°	1350	49°	1410	85
90											25°	830	38°	930	46°	1000	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	13450	0°	6750	0°	3800	0°	2250	0°	1050	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	32800	62.5°	33910	69°	34470	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	21370	56°	22360	64°	22850	69°	23140	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	15010	49.5°	15980	59°	16430	65°	16700	69.5°	16910	72.5°	17050	75.5°	16060	77.5°	13000	30
35			41.5°	11920	54°	12350	61°	12610	66°	12800	70.5°	12940	73°	13050	75.5°	12760	35
40			32°	9100	48°	9530	56.5°	9780	62.5°	9970	67.5°	10090	70.5°	10200	73°	10270	40
45			18.5°	7000	42°	7460	52°	7710	59°	7890	64°	8010	68°	8110	71°	8180	45
50					34.5°	5870	46.5°	6120	55°	6300	60.5°	6420	65°	6520	68.5°	6580	50
55					25°	4600	41°	4860	50.5°	5040	57°	5160	62°	5260	66°	5320	55
60					7°	3540	35°	3840	46.5°	4030	53.5°	4140	59°	4240	63.5°	4300	60
65							27°	2990	41.5°	3180	50°	3300	56°	3400	60.5°	3460	65
70							16°	2260	36.5°	2470	46°	2590	53°	2690	58°	2750	70
75									30°	1860	41.5°	1990	49.5°	2080	55°	2150	75
80									22°	1330	37°	1470	46°	1560	52°	1630	80
85									7°	850	31.5°	1010	42.5°	1110	49°	1170	85
90															46°	770	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	12750	0°	6250	0°	3450	0°	1950	0°	800	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	57210	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	31290	62.5°	32400	69°	32960	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	20300	56°	21290	64°	21770	69°	22070	72.5°	22300	75.5°	20160	78°	17660			25
30	23.5°	14170	49.5°	15140	59°	15590	65°	15860	69.5°	16070	72.5°	16220	75.5°	16060	77.5°	13000	30
35			41.5°	11240	54°	11670	61°	11930	66°	12120	70.5°	12250	73°	12370	75.5°	12450	35
40			32°	8520	48°	8950	56.5°	9200	62.5°	9390	67.5°	9520	70.5°	9620	73°	9700	40
45			18.5°	6500	42°	6960	52°	7210	59°	7390	64°	7510	68°	7610	71°	7680	45
50					34.5°	5430	46.5°	5680	55°	5860	60.5°	5980	65°	6070	68.5°	6140	50
55					25°	4210	41°	4470	50.5°	4650	57°	4770	62°	4860	66°	4930	55
60					7°	3180	35°	3490	46.5°	3670	53.5°	3790	59°	3880	63.5°	3950	60
65							27°	2670	41.5°	2860	50°	2980	56°	3070	60.5°	3140	65
70							16°	1970	36.5°	2170	46°	2290	53°	2390	58°	2450	70
75									30°	1590	41.5°	1710	49.5°	1810	55°	1870	75
80									22°	1080	37°	1210	46°	1300	52°	1370	80
85											31.5°	770	42.5°	870	49°	930	85
90																	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	12000	0°	5800	0°	3100	0°	1700	0°	0	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	54660	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	29780	62.5°	30880	69°	31440	73°	31790	76°	26010	78.5°	22790					20
25	38.5°	19220	56°	20210	64°	20700	69°	20990	72.5°	21230	75.5°	20160	78°	17660			25
30	23.5°	13340	49.5°	14310	59°	14760	65°	15030	69.5°	15240	72.5°	15380	75.5°	15500	77.5°	13000	30
35			41.5°	10550	54°	10990	61°	11240	66°	11440	70.5°	11570	73°	11680	75.5°	11770	35
40			32°	7940	48°	8380	56.5°	8630	62.5°	8810	67.5°	8940	70.5°	9040	73°	9120	40
45			18.5°	6000	42°	6460	52°	6710	59°	6890	64°	7010	68°	7110	71°	7180	45
50					34.5°	4990	46.5°	5240	55°	5420	60.5°	5540	65°	5630	68.5°	5700	50
55					25°	3820	41°	4080	50.5°	4260	57°	4370	62°	4470	66°	4540	55
60					7°	2820	35°	3130	46.5°	3310	53.5°	3430	59°	3530	63.5°	3590	60
65							27°	2340	41.5°	2530	50°	2650	56°	2740	60.5°	2810	65
70							16°	1670	36.5°	1880	46°	2000	53°	2090	58°	2150	70
75									30°	1310	41.5°	1440	49.5°	1530	55°	1590	75
80									22°	820	37°	950	46°	1050	52°	1110	80
85																	85
90																	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	11250	0°	5300	0°	2750	0°	1400	0°	0	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 26

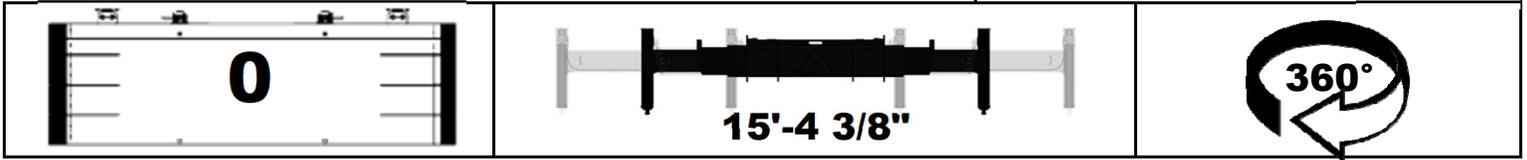
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	52120	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	28260	62.5°	29370	69°	29930	73°	30280	76°	26010	78.5°	22790					20
25	38.5°	18150	56°	19130	64°	19620	69°	19920	72.5°	20150	75.5°	20160	78°	17660			25
30	23.5°	12500	49.5°	13470	59°	13920	65°	14190	69.5°	14400	72.5°	14550	75.5°	14670	77.5°	13000	30
35			41.5°	9870	54°	10300	61°	10560	66°	10760	70.5°	10890	73°	11000	75.5°	11080	35
40			32°	7370	48°	7800	56.5°	8050	62.5°	8240	67.5°	8360	70.5°	8470	73°	8540	40
45			18.5°	5500	42°	5960	52°	6210	59°	6390	64°	6510	68°	6610	71°	6680	45
50					34.5°	4550	46.5°	4800	55°	4980	60.5°	5100	65°	5190	68.5°	5260	50
55					25°	3420	41°	3680	50.5°	3860	57°	3980	62°	4080	66°	4140	55
60					7°	2470	35°	2780	46.5°	2960	53.5°	3080	59°	3170	63.5°	3240	60
65							27°	2020	41.5°	2210	50°	2330	56°	2420	60.5°	2490	65
70							16°	1370	36.5°	1580	46°	1700	53°	1790	58°	1850	70
75									30°	1030	41.5°	1160	49.5°	1250	55°	1320	75
80													46°	790	52°	850	80
85																	85
90																	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	10500	0°	4850	0°	2400	0°	1100	0°	0	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 27

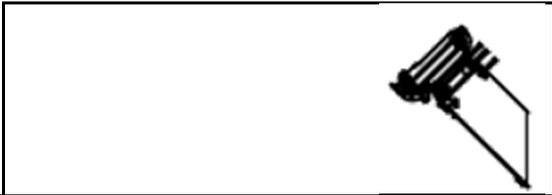
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	49570	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	26750	62.5°	27860	69°	28420	73°	28770	76°	26010	78.5°	22790					20
25	38.5°	17070	56°	18060	64°	18540	69°	18840	72.5°	19070	75.5°	19240	78°	17660			25
30	23.5°	11670	49.5°	12640	59°	13090	65°	13360	69.5°	13570	72.5°	13710	75.5°	13830	77.5°	13000	30
35			41.5°	9190	54°	9620	61°	9880	66°	10070	70.5°	10210	73°	10320	75.5°	10400	35
40			32°	6790	48°	7220	56.5°	7470	62.5°	7660	67.5°	7790	70.5°	7890	73°	7970	40
45			18.5°	5000	42°	5460	52°	5710	59°	5890	64°	6010	68°	6110	71°	6190	45
50					34.5°	4110	46.5°	4360	55°	4540	60.5°	4660	65°	4750	68.5°	4820	50
55					25°	3030	41°	3290	50.5°	3470	57°	3590	62°	3680	66°	3750	55
60					7°	2110	35°	2420	46.5°	2600	53.5°	2720	59°	2810	63.5°	2880	60
65							27°	1690	41.5°	1880	50°	2000	56°	2090	60.5°	2160	65
70							16°	1070	36.5°	1280	46°	1400	53°	1490	58°	1560	70
75											41.5°	880	49.5°	980	55°	1040	75
80																	80
85																	85
90																	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	9750	0°	4350	0°	2050	0°	800	0°	0	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 28

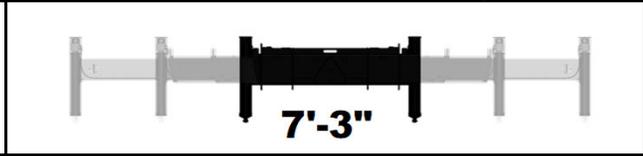
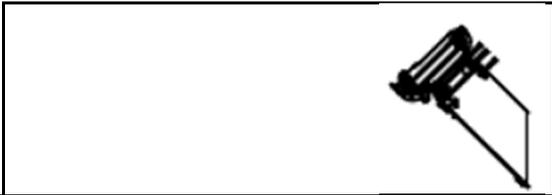
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	72980															8
10	67°	48040	74.5°	49260	78°	49890											10
12	64°	35010	72.5°	36060	76.5°	36610	79°	36960									12
15	59°	24040	68.5°	24960	73.5°	25440	77°	25730	79°	25970							15
20	49.5°	14670	62.5°	15500	69°	15910	73°	16170	76°	16370	78.5°	16500					20
25	38.5°	9650	56°	10450	64°	10840	69°	11070	72.5°	11250	75.5°	11380	78°	11480			25
30	23.5°	6480	49.5°	7310	59°	7680	65°	7900	69.5°	8080	72.5°	8190	75.5°	8290	77.5°	8360	30
35			41.5°	5150	54°	5530	61°	5740	66°	5910	70.5°	6020	73°	6110	75.5°	6180	35
40			32°	3580	48°	3960	56.5°	4180	62.5°	4340	67.5°	4440	70.5°	4530	73°	4600	40
45			18.5°	2350	42°	2760	52°	2980	59°	3140	64°	3250	68°	3330	71°	3400	45
50					34.5°	1820	46.5°	2040	55°	2200	60.5°	2310	65°	2390	68.5°	2450	50
55							41°	1280	50.5°	1450	57°	1550	62°	1640	66°	1690	55
60									46.5°	820	53.5°	930	59°	1010	63.5°	1070	60
65																	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
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	5300	0°	1900	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 29

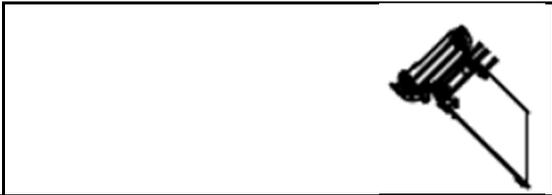
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	69650															8
10	67°	45750	74.5°	46970	78°	47610											10
12	64°	33270	72.5°	34320	76.5°	34870	79°	35220									12
15	59°	22760	68.5°	23680	73.5°	24160	77°	24450	79°	24690							15
20	49.5°	13780	62.5°	14610	69°	15020	73°	15280	76°	15480	78.5°	15610					20
25	38.5°	8970	56°	9770	64°	10150	69°	10390	72.5°	10570	75.5°	10690	78°	10800			25
30	23.5°	5930	49.5°	6750	59°	7130	65°	7350	69.5°	7520	72.5°	7640	75.5°	7730	77.5°	7800	30
35			41.5°	4690	54°	5060	61°	5280	66°	5440	70.5°	5560	73°	5650	75.5°	5710	35
40			32°	3180	48°	3560	56.5°	3770	62.5°	3940	67.5°	4040	70.5°	4130	73°	4190	40
45			18.5°	2000	42°	2410	52°	2630	59°	2790	64°	2900	68°	2980	71°	3040	45
50					34.5°	1510	46.5°	1730	55°	1890	60.5°	2000	65°	2080	68.5°	2140	50
55					25°	760	41°	1000	50.5°	1160	57°	1270	62°	1350	66°	1410	55
60															63.5°	810	60
65																	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
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	4800	0°	1600	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 30

MAIN BOOM



7,500

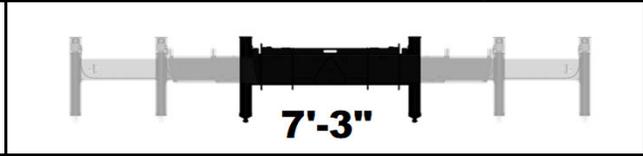
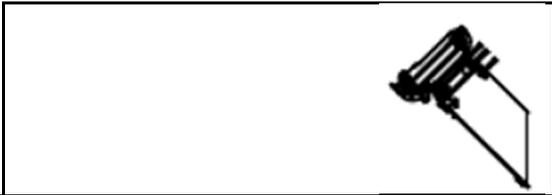
7'-3"

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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	66320															8
10	67°	43470	74.5°	44680	78°	45320											10
12	64°	31530	72.5°	32580	76.5°	33130	79°	33480									12
15	59°	21480	68.5°	22400	73.5°	22880	77°	23170	79°	23410							15
20	49.5°	12890	62.5°	13720	69°	14130	73°	14390	76°	14590	78.5°	14720					20
25	38.5°	8290	56°	9090	64°	9470	69°	9710	72.5°	9890	75.5°	10010	78°	10120			25
30	23.5°	5380	49.5°	6200	59°	6580	65°	6800	69.5°	6970	72.5°	7090	75.5°	7180	77.5°	7250	30
35			41.5°	4220	54°	4600	61°	4820	66°	4980	70.5°	5090	73°	5180	75.5°	5250	35
40			32°	2780	48°	3160	56.5°	3370	62.5°	3540	67.5°	3640	70.5°	3730	73°	3790	40
45			18.5°	1650	42°	2060	52°	2280	59°	2440	64°	2540	68°	2630	71°	2690	45
50							46.5°	1420	55°	1580	60.5°	1680	65°	1770	68.5°	1820	50
55									50.5°	880	57°	980	62°	1070	66°	1130	55
60																	60
65																	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
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	4300	0°	1250	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 31

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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	62990															8
10	67°	41180	74.5°	42400	78°	43040											10
12	64°	29790	72.5°	30840	76.5°	31390	79°	31740									12
15	59°	20200	68.5°	21120	73.5°	21600	77°	21890	79°	22130							15
20	49.5°	12000	62.5°	12830	69°	13240	73°	13500	76°	13700	78.5°	13830					20
25	38.5°	7610	56°	8400	64°	8790	69°	9030	72.5°	9210	75.5°	9330	78°	9430			25
30	23.5°	4830	49.5°	5650	59°	6020	65°	6250	69.5°	6420	72.5°	6530	75.5°	6630	77.5°	6700	30
35			41.5°	3760	54°	4130	61°	4350	66°	4520	70.5°	4630	73°	4720	75.5°	4780	35
40			32°	2380	48°	2760	56.5°	2970	62.5°	3130	67.5°	3240	70.5°	3330	73°	3390	40
45					42°	1710	52°	1930	59°	2090	64°	2190	68°	2280	71°	2340	45
50					34.5°	880	46.5°	1100	55°	1260	60.5°	1370	65°	1450	68.5°	1510	50
55													62°	780	66°	840	55
60																	60
65																	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
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	3800	0°	800	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 32

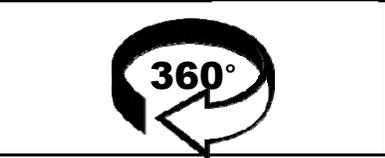
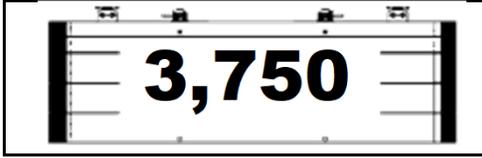
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	59650															8
10	67°	38900	74.5°	40110	78°	40750											10
12	64°	28050	72.5°	29100	76.5°	29650	79°	30000									12
15	59°	18910	68.5°	19840	73.5°	20310	77°	20610	79°	20840							15
20	49.5°	11110	62.5°	11940	69°	12350	73°	12610	76°	12810	78.5°	12940					20
25	38.5°	6920	56°	7720	64°	8110	69°	8340	72.5°	8520	75.5°	8650	78°	8750			25
30	23.5°	4270	49.5°	5100	59°	5470	65°	5690	69.5°	5870	72.5°	5980	75.5°	6080	77.5°	6150	30
35			41.5°	3290	54°	3670	61°	3890	66°	4050	70.5°	4160	73°	4250	75.5°	4320	35
40			32°	1970	48°	2360	56.5°	2570	62.5°	2730	67.5°	2840	70.5°	2930	73°	2990	40
45					42°	1360	52°	1570	59°	1730	64°	1840	68°	1930	71°	1990	45
50							46.5°	790	55°	950	60.5°	1050	65°	1140	68.5°	1200	50
55																	55
60																	60
65																	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
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	3300	0°	500	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 33

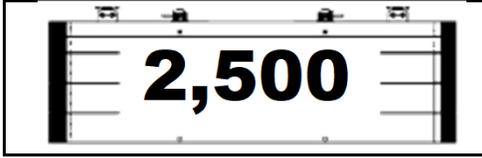
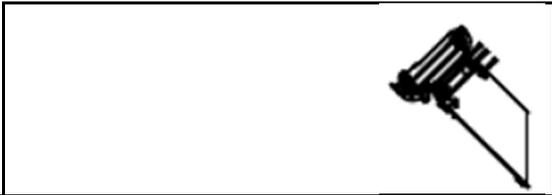
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	56320															8
10	67°	36610	74.5°	37830	78°	38470											10
12	64°	26310	72.5°	27360	76.5°	27910	79°	28260									12
15	59°	17630	68.5°	18560	73.5°	19030	77°	19330	79°	19560							15
20	49.5°	10220	62.5°	11050	69°	11460	73°	11720	76°	11920	78.5°	12050					20
25	38.5°	6240	56°	7040	64°	7430	69°	7660	72.5°	7840	75.5°	7970	78°	8070			25
30	23.5°	3720	49.5°	4540	59°	4920	65°	5140	69.5°	5310	72.5°	5430	75.5°	5520	77.5°	5590	30
35			41.5°	2830	54°	3200	61°	3420	66°	3590	70.5°	3700	73°	3790	75.5°	3850	35
40			32°	1570	48°	1960	56.5°	2170	62.5°	2330	67.5°	2440	70.5°	2530	73°	2590	40
45					42°	1000	52°	1220	59°	1380	64°	1490	68°	1570	71°	1630	45
50													65°	820	68.5°	880	50
55																	55
60																	60
65																	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
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	2800	0°	250	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 34

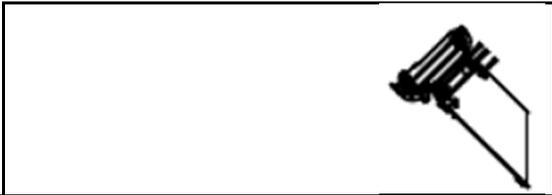
MAIN BOOM



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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	52990															8
10	67°	34320	74.5°	35540	78°	36180											10
12	64°	24570	72.5°	25620	76.5°	26170	79°	26520									12
15	59°	16350	68.5°	17280	73.5°	17750	77°	18050	79°	18280							15
20	49.5°	9330	62.5°	10160	69°	10570	73°	10830	76°	11030	78.5°	11160					20
25	38.5°	5560	56°	6360	64°	6750	69°	6980	72.5°	7160	75.5°	7290	78°	7390			25
30	23.5°	3170	49.5°	3990	59°	4370	65°	4590	69.5°	4760	72.5°	4880	75.5°	4970	77.5°	5040	30
35			41.5°	2370	54°	2740	61°	2960	66°	3120	70.5°	3230	73°	3320	75.5°	3390	35
40			32°	1170	48°	1550	56.5°	1770	62.5°	1930	67.5°	2040	70.5°	2130	73°	2190	40
45							52°	870	59°	1030	64°	1140	68°	1220	71°	1280	45
50																	50
55																	55
60																	60
65																	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
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	2250	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 35

MAIN BOOM





1,250



7'-3"

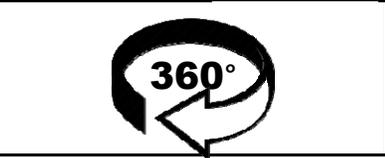
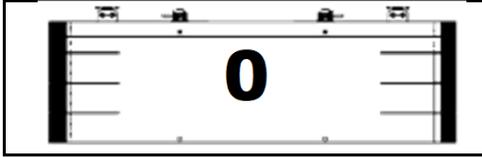
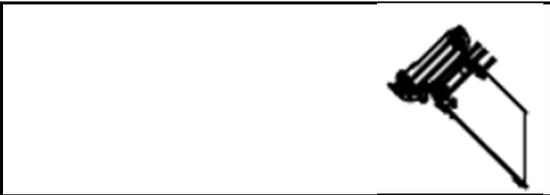


360°

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)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	96950															6
8	70.5°	49660															8
10	67°	32040	74.5°	33260	78°	33890											10
12	64°	22830	72.5°	23880	76.5°	24430	79°	24780									12
15	59°	15070	68.5°	16000	73.5°	16470	77°	16770	79°	17000							15
20	49.5°	8440	62.5°	9270	69°	9680	73°	9940	76°	10140	78.5°	10270					20
25	38.5°	4880	56°	5680	64°	6060	69°	6300	72.5°	6480	75.5°	6600	78°	6710			25
30	23.5°	2620	49.5°	3440	59°	3810	65°	4040	69.5°	4210	72.5°	4320	75.5°	4420	77.5°	4490	30
35			41.5°	1900	54°	2270	61°	2490	66°	2660	70.5°	2770	73°	2860	75.5°	2930	35
40			32°	770	48°	1150	56.5°	1370	62.5°	1530	67.5°	1640	70.5°	1730	73°	1790	40
45											64°	780	68°	870	71°	930	45
50																	50
55																	55
60																	60
65																	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
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	1750	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

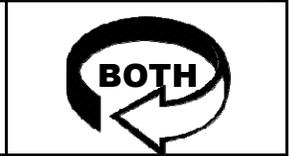
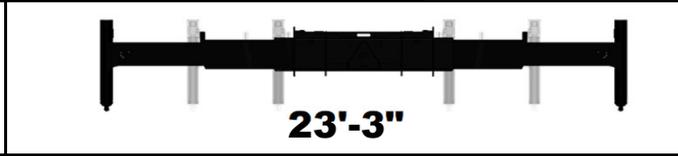
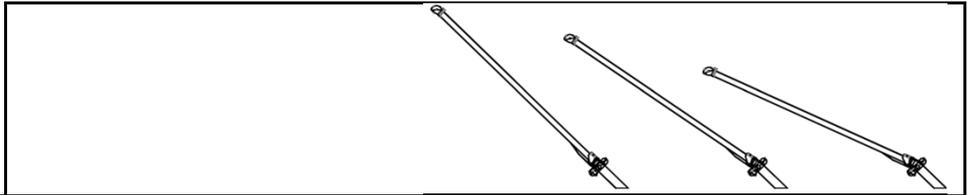
CODE 36

MAIN BOOM



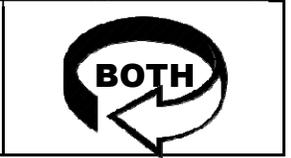
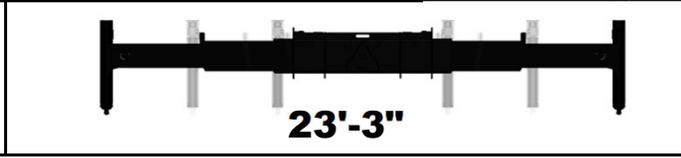
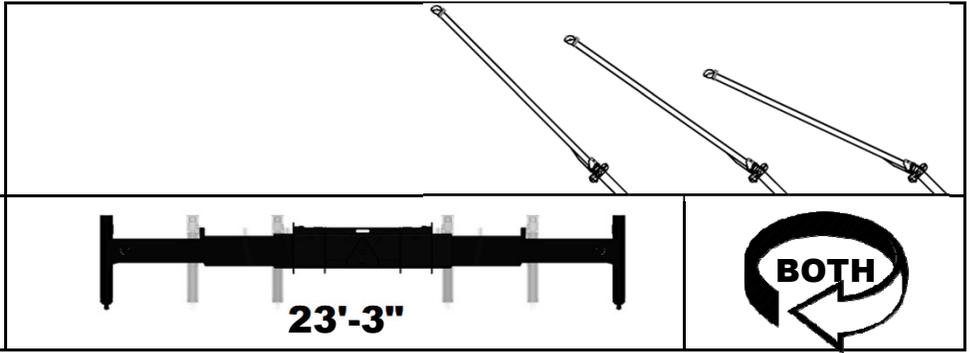
LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	90810															6
8	70.5°	46330															8
10	67°	29750	74.5°	30970	78°	31610											10
12	64°	21090	72.5°	22140	76.5°	22690	79°	23040									12
15	59°	13790	68.5°	14720	73.5°	15190	77°	15490	79°	15720							15
20	49.5°	7550	62.5°	8380	69°	8790	73°	9050	76°	9250	78.5°	9380					20
25	38.5°	4200	56°	5000	64°	5380	69°	5620	72.5°	5800	75.5°	5920	78°	6030			25
30	23.5°	2070	49.5°	2890	59°	3260	65°	3480	69.5°	3660	72.5°	3770	75.5°	3870	77.5°	3940	30
35			41.5°	1440	54°	1810	61°	2030	66°	2190	70.5°	2300	73°	2400	75.5°	2460	35
40							56.5°	970	62.5°	1130	67.5°	1240	70.5°	1330	73°	1390	40
45																	45
50																	50
55																	55
60																	60
65																	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
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	1250	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

**CODES 37, 46, 55, 64,
73, 82**
RETRACTED 32' 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)	
30										30
35	78°	5400	5400							35
40	76.5°	5400	5400	79.5°	5400	5400				40
45	75°	5400	5400	78°	5400	5400				45
50	73.5°	5400	5400	76.5°	5400	5400	79°	5400	5400	50
55	72°	5400	5400	74.5°	5400	5400	77°	5400	5400	55
60	70°	5400	5400	73°	5400	5400	75°	5400	5400	60
65	68.5°	5400	5400	71°	5400	5400	73°	5240	5240	65
70	66.5°	5210	5210	69°	5230	5230	71.5°	4990	4990	70
75	64.5°	4740	4740	67°	4970	4970	69.5°	4750	4750	75
80	62.5°	4300	4300	65°	4570	4570	67.5°	4520	4520	80
85	60.5°	3890	3890	63°	4140	4140	65°	4310	4310	85
90	58°	3510	3510	61°	3740	3740	63°	3930	3930	90
95	55.5°	3160	3160	58.5°	3360	3360	60.5°	3540	3540	95
100	53°	2820	2820	56°	3010	3010	58°	3170	3170	100
105	50.5°	2520	2520	53.5°	2690	2690	55.5°	2830	2830	105
110	48°	2230	2230	50.5°	2390	2390	52.5°	2510	2510	110
115	45.5°	1960	1960	48°	2100	2100	49.5°	2210	2210	115
120	42.5°	1700	1700	45°	1830	1830	46.5°	1920	1920	120
125	39.5°	1470	1470	42°	1580	1580	43°	1660	1660	125
130	36.5°	1240	1240	38.5°	1350	1350	39.5°	1400	1400	130
135	32.5°	1030	1030	34.5°	1120	1120	35.5°	1160	1160	135
140	28.5°	840	840	30.5°	910	910	30.5°	920	920	140
145										145
150										150
155										155

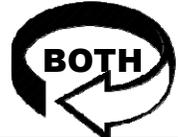
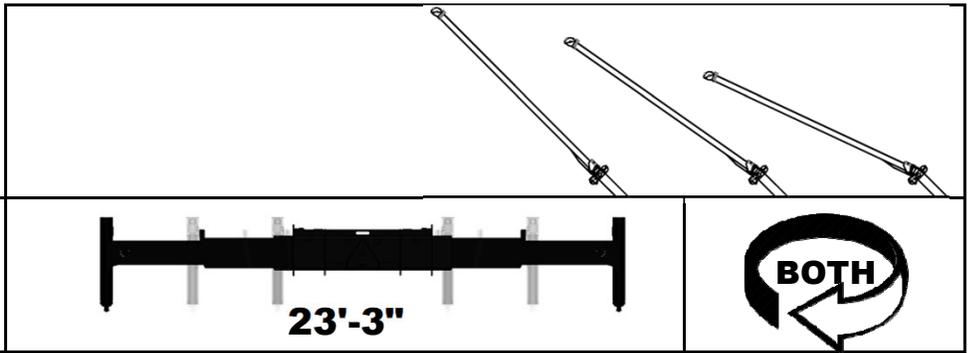
**CODES 38, 47, 56, 65,
74, 83**
RETRACTED 32' JIB



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)	
30										30
35	78°	5400	5400							35
40	76.5°	5400	5400	79.5°	5400	5400				40
45	75°	5400	5400	78°	5400	5400				45
50	73.5°	5400	5400	76.5°	5400	5400	79°	5400	5400	50
55	72°	5400	5400	74.5°	5400	5400	77°	5400	5400	55
60	70°	5400	5400	73°	5400	5400	75°	5400	5400	60
65	68.5°	5400	5400	71°	5400	5400	73°	5240	5240	65
70	66.5°	5210	5210	69°	5230	5230	71.5°	4990	4990	70
75	64.5°	4740	4740	67°	4970	4970	69.5°	4750	4750	75
80	62.5°	4300	4300	65°	4570	4570	67.5°	4520	4520	80
85	60.5°	3890	3890	63°	4140	4140	65°	4310	4310	85
90	58°	3510	3510	61°	3740	3740	63°	3930	3930	90
95	55.5°	3160	3160	58.5°	3360	3360	60.5°	3540	3540	95
100	53°	2820	2820	56°	3010	3010	58°	3170	3170	100
105	50.5°	2520	2520	53.5°	2690	2690	55.5°	2830	2830	105
110	48°	2230	2230	50.5°	2390	2390	52.5°	2510	2510	110
115	45.5°	1960	1960	48°	2100	2100	49.5°	2210	2210	115
120	42.5°	1700	1700	45°	1830	1830	46.5°	1920	1920	120
125	39.5°	1470	1470	42°	1580	1580	43°	1660	1660	125
130	36.5°	1240	1240	38.5°	1350	1350	39.5°	1400	1400	130
135	32.5°	1030	1030	34.5°	1120	1120	35.5°	1160	1160	135
140	28.5°	840	840	30.5°	910	910	30.5°	920	920	140
145										145
150										150
155										155

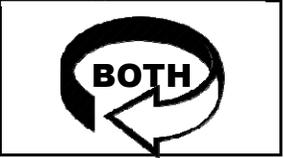
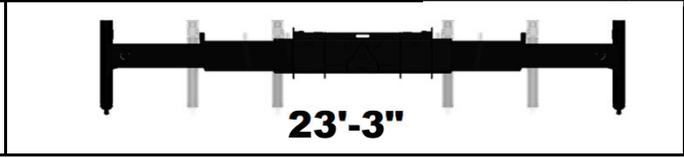
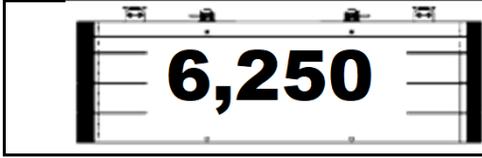
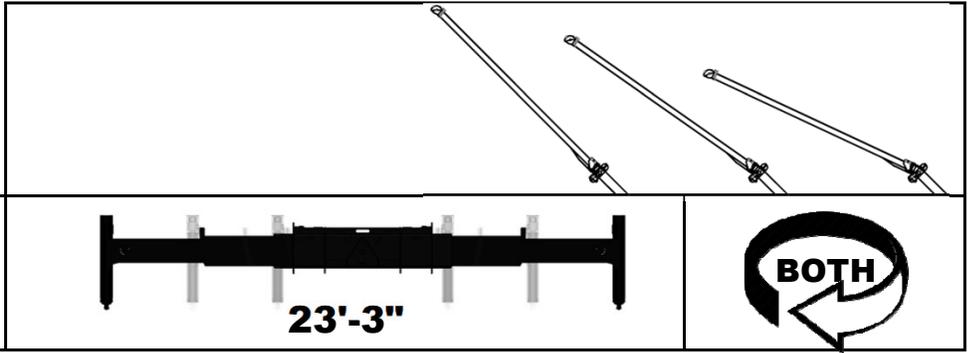
**CODES 39, 48, 57, 66,
75, 84**

RETRACTED 32' JIB



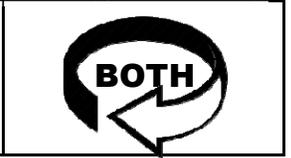
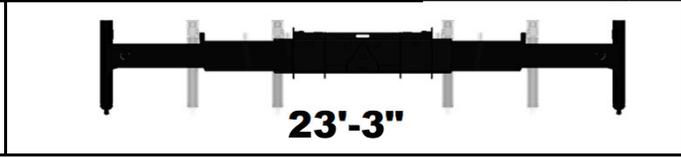
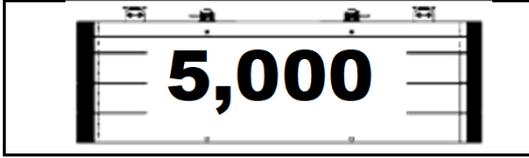
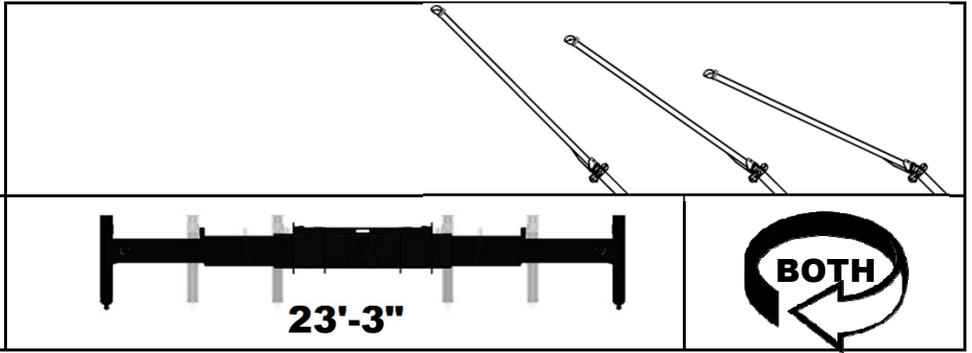
LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 39	CODE 48	BOOM ANGLE (DEG)	CODE 57	CODE 66	BOOM ANGLE (DEG)	CODE 75	CODE 84	
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)	
30										30
35	78°	5400	5400							35
40	76.5°	5400	5400	79.5°	5400	5400				40
45	75°	5400	5400	78°	5400	5400				45
50	73.5°	5400	5400	76.5°	5400	5400	79°	5400	5400	50
55	72°	5400	5400	74.5°	5400	5400	77°	5400	5400	55
60	70°	5400	5400	73°	5400	5400	75°	5400	5400	60
65	68.5°	5400	5400	71°	5400	5400	73°	5240	5240	65
70	66.5°	5210	5210	69°	5230	5230	71.5°	4990	4990	70
75	64.5°	4740	4740	67°	4970	4970	69.5°	4750	4750	75
80	62.5°	4300	4300	65°	4570	4570	67.5°	4520	4520	80
85	60.5°	3890	3890	63°	4140	4140	65°	4310	4310	85
90	58°	3510	3510	61°	3740	3740	63°	3930	3930	90
95	55.5°	3160	3160	58.5°	3360	3360	60.5°	3540	3540	95
100	53°	2820	2820	56°	3010	3010	58°	3170	3170	100
105	50.5°	2520	2520	53.5°	2690	2690	55.5°	2830	2830	105
110	48°	2230	2230	50.5°	2390	2390	52.5°	2510	2510	110
115	45.5°	1960	1960	48°	2100	2100	49.5°	2210	2210	115
120	42.5°	1700	1700	45°	1830	1830	46.5°	1920	1920	120
125	39.5°	1470	1450	42°	1580	1580	43°	1660	1660	125
130	36.5°	1240	1150	38.5°	1350	1300	39.5°	1400	1380	130
135	32.5°	1030	880	34.5°	1120	1000	35.5°	1160	1060	135
140	28.5°	840		30.5°	910		30.5°	920	750	140
145										145
150										150
155										155

**CODES 40, 49, 58, 67,
76, 85**
RETRACTED 32' 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)	
30										30
35	78°	5400	5400							35
40	76.5°	5400	5400	79.5°	5400	5400				40
45	75°	5400	5400	78°	5400	5400				45
50	73.5°	5400	5400	76.5°	5400	5400	79°	5400	5400	50
55	72°	5400	5400	74.5°	5400	5400	77°	5400	5400	55
60	70°	5400	5400	73°	5400	5400	75°	5400	5400	60
65	68.5°	5400	5400	71°	5400	5400	73°	5240	5240	65
70	66.5°	5210	5210	69°	5230	5230	71.5°	4990	4990	70
75	64.5°	4740	4740	67°	4970	4970	69.5°	4750	4750	75
80	62.5°	4300	4300	65°	4570	4570	67.5°	4520	4520	80
85	60.5°	3890	3890	63°	4140	4140	65°	4310	4310	85
90	58°	3510	3510	61°	3740	3740	63°	3930	3930	90
95	55.5°	3160	3160	58.5°	3360	3360	60.5°	3540	3540	95
100	53°	2820	2820	56°	3010	3010	58°	3170	3170	100
105	50.5°	2520	2520	53.5°	2690	2690	55.5°	2830	2830	105
110	48°	2230	2230	50.5°	2390	2390	52.5°	2510	2510	110
115	45.5°	1960	1890	48°	2100	2100	49.5°	2210	2210	115
120	42.5°	1700	1550	45°	1830	1740	46.5°	1920	1870	120
125	39.5°	1470	1240	42°	1580	1410	43°	1660	1510	125
130	36.5°	1240	950	38.5°	1350	1100	39.5°	1400	1180	130
135	32.5°	1030		34.5°	1120	750	35.5°	1160	860	135
140	28.5°	840		30.5°	910		30.5°	920		140
145										145
150										150
155										155

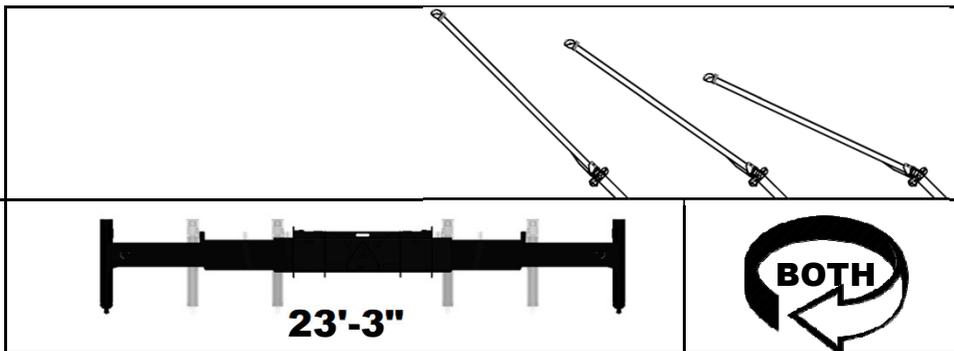
**CODES 41, 50, 59, 68,
77, 86**
RETRACTED 32' JIB



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)	
30										30
35	78°	5400	5400							35
40	76.5°	5400	5400	79.5°	5400	5400				40
45	75°	5400	5400	78°	5400	5400				45
50	73.5°	5400	5400	76.5°	5400	5400	79°	5400	5400	50
55	72°	5400	5400	74.5°	5400	5400	77°	5400	5400	55
60	70°	5400	5400	73°	5400	5400	75°	5400	5400	60
65	68.5°	5400	5400	71°	5400	5400	73°	5240	5240	65
70	66.5°	5210	5210	69°	5230	5230	71.5°	4990	4990	70
75	64.5°	4740	4740	67°	4970	4970	69.5°	4750	4750	75
80	62.5°	4300	4300	65°	4570	4570	67.5°	4520	4520	80
85	60.5°	3890	3890	63°	4140	4140	65°	4310	4310	85
90	58°	3510	3510	61°	3740	3740	63°	3930	3930	90
95	55.5°	3160	3160	58.5°	3360	3360	60.5°	3540	3540	95
100	53°	2820	2820	56°	3010	3010	58°	3170	3170	100
105	50.5°	2520	2430	53.5°	2690	2690	55.5°	2830	2830	105
110	48°	2230	2020	50.5°	2390	2270	52.5°	2510	2450	110
115	45.5°	1960	1660	48°	2100	1880	49.5°	2210	2030	115
120	42.5°	1700	1330	45°	1830	1520	46.5°	1920	1650	120
125	39.5°	1470	1030	42°	1580	1200	43°	1660	1300	125
130	36.5°	1240	750	38.5°	1350	900	39.5°	1400	980	130
135	32.5°	1030		34.5°	1120		35.5°	1160		135
140	28.5°	840		30.5°	910		30.5°	920		140
145										145
150										150
155										155

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

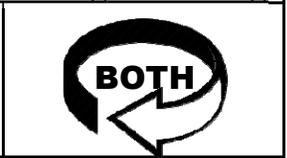
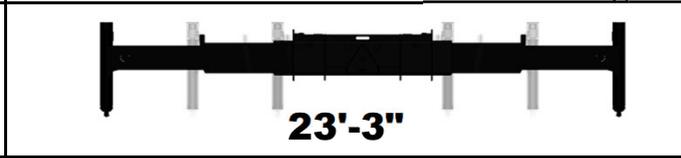
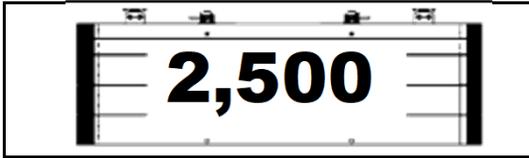
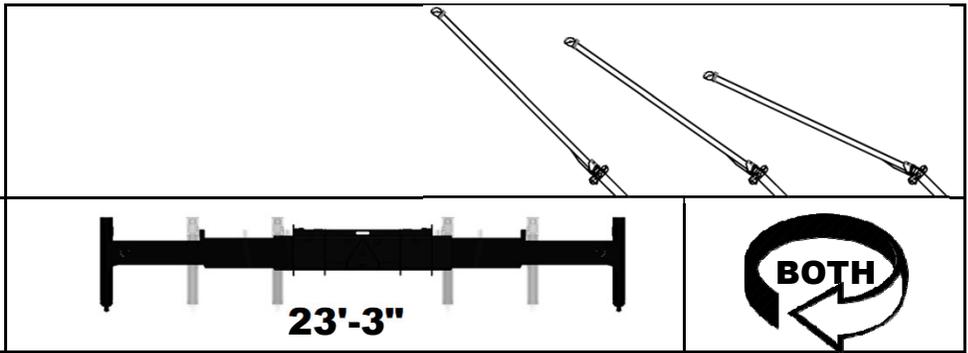
RETRACTED 32' JIB



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)	
30										30
35	78°	5400	5400							35
40	76.5°	5400	5400	79.5°	5400	5400				40
45	75°	5400	5400	78°	5400	5400				45
50	73.5°	5400	5400	76.5°	5400	5400	79°	5400	5400	50
55	72°	5400	5400	74.5°	5400	5400	77°	5400	5400	55
60	70°	5400	5400	73°	5400	5400	75°	5400	5400	60
65	68.5°	5400	5400	71°	5400	5400	73°	5240	5240	65
70	66.5°	5210	5210	69°	5230	5230	71.5°	4990	4990	70
75	64.5°	4740	4740	67°	4970	4970	69.5°	4750	4750	75
80	62.5°	4300	4300	65°	4570	4570	67.5°	4520	4520	80
85	60.5°	3890	3890	63°	4140	4140	65°	4310	4310	85
90	58°	3510	3510	61°	3740	3740	63°	3930	3930	90
95	55.5°	3160	3090	58.5°	3360	3360	60.5°	3540	3540	95
100	53°	2820	2600	56°	3010	2900	58°	3170	3140	100
105	50.5°	2520	2170	53.5°	2690	2440	55.5°	2830	2650	105
110	48°	2230	1780	50.5°	2390	2030	52.5°	2510	2200	110
115	45.5°	1960	1430	48°	2100	1650	49.5°	2210	1800	115
120	42.5°	1700	1110	45°	1830	1300	46.5°	1920	1430	120
125	39.5°	1470	750	42°	1580	990	43°	1660	1090	125
130	36.5°	1240		38.5°	1350		39.5°	1400	750	130
135	32.5°	1030		34.5°	1120		35.5°	1160		135
140	28.5°	840		30.5°	910		30.5°	920		140
145										145
150										150
155										155

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

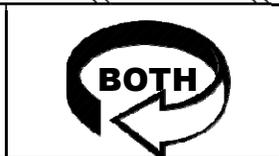
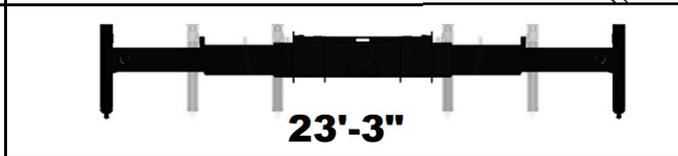
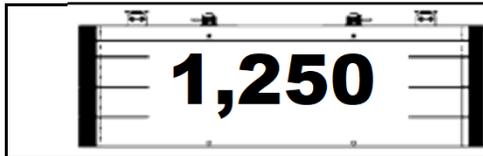
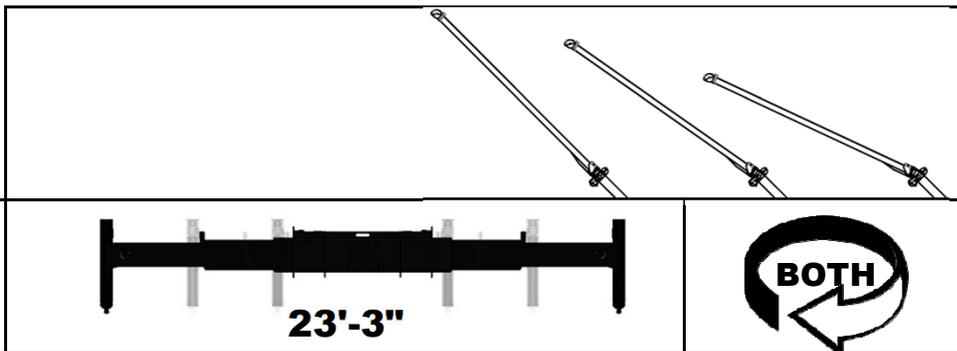
RETRACTED 32' JIB



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)		
30										30	
35	78°	5400	5400							35	
40	76.5°	5400	5400	79.5°	5400	5400				40	
45	75°	5400	5400	78°	5400	5400				45	
50	73.5°	5400	5400	76.5°	5400	5400	79°	5400	5400	50	
55	72°	5400	5400	74.5°	5400	5400	77°	5400	5400	55	
60	70°	5400	5400	73°	5400	5400	75°	5400	5400	60	
65	68.5°	5400	5400	71°	5400	5400	73°	5240	5240	65	
70	66.5°	5210	5210	69°	5230	5230	71.5°	4990	4990	70	
75	64.5°	4740	4740	67°	4970	4970	69.5°	4750	4750	75	
80	62.5°	4300	4300	65°	4570	4570	67.5°	4520	4520	80	
85	60.5°	3890	3890	63°	4140	4140	65°	4310	4310	85	
90	58°	3510	3330	61°	3740	3700	63°	3930	3930	90	
95	55.5°	3160	2810	58.5°	3360	3140	60.5°	3540	3400	95	
100	53°	2820	2340	56°	3010	2640	58°	3170	2870	100	
105	50.5°	2520	1920	53.5°	2690	2190	55.5°	2830	2390	105	
110	48°	2230	1540	50.5°	2390	1790	52.5°	2510	1960	110	
115	45.5°	1960	1200	48°	2100	1420	49.5°	2210	1570	115	
120	42.5°	1700	890	45°	1830	1090	46.5°	1920	1210	120	
125	39.5°	1470		42°	1580	750	43°	1660	880	125	
130	36.5°	1240		38.5°	1350		39.5°	1400		130	
135	32.5°	1030		34.5°	1120		35.5°	1160		135	
140	28.5°	840		30.5°	910		30.5°	920		140	
145										145	
150										150	
155										155	

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

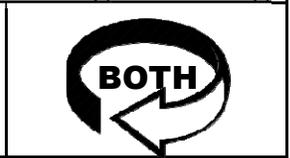
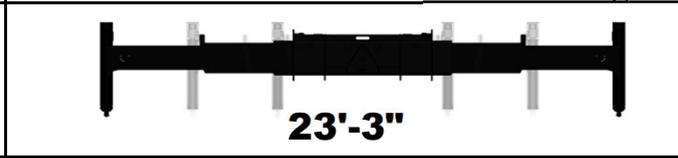
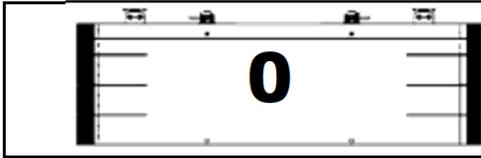
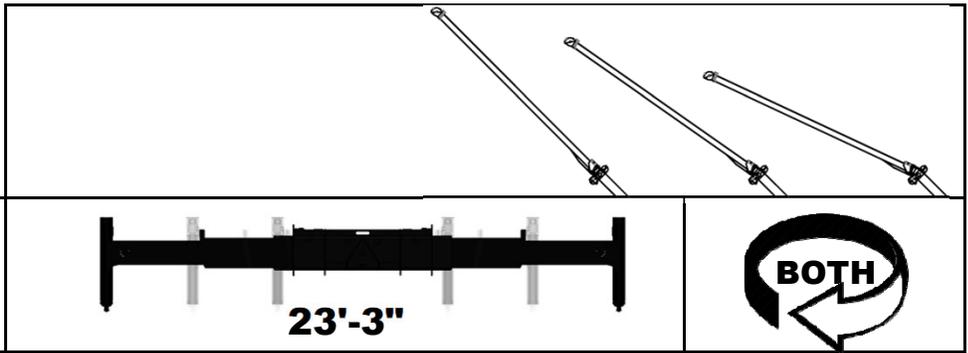
RETRACTED 32' JIB



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)	
30										30
35	78°	5400	5400							35
40	76.5°	5400	5400	79.5°	5400	5400				40
45	75°	5400	5400	78°	5400	5400				45
50	73.5°	5400	5400	76.5°	5400	5400	79°	5400	5400	50
55	72°	5400	5400	74.5°	5400	5400	77°	5400	5400	55
60	70°	5400	5400	73°	5400	5400	75°	5400	5400	60
65	68.5°	5400	5400	71°	5400	5400	73°	5240	5240	65
70	66.5°	5210	5210	69°	5230	5230	71.5°	4990	4990	70
75	64.5°	4740	4740	67°	4970	4970	69.5°	4750	4750	75
80	62.5°	4300	4270	65°	4570	4570	67.5°	4520	4520	80
85	60.5°	3890	3610	63°	4140	4010	65°	4310	4310	85
90	58°	3510	3030	61°	3740	3400	63°	3930	3690	90
95	55.5°	3160	2520	58.5°	3360	2850	60.5°	3540	3120	95
100	53°	2820	2070	56°	3010	2370	58°	3170	2600	100
105	50.5°	2520	1660	53.5°	2690	1940	55.5°	2830	2140	105
110	48°	2230	1300	50.5°	2390	1540	52.5°	2510	1720	110
115	45.5°	1960	970	48°	2100	1190	49.5°	2210	1340	115
120	42.5°	1700		45°	1830	870	46.5°	1920	990	120
125	39.5°	1470		42°	1580		43°	1660		125
130	36.5°	1240		38.5°	1350		39.5°	1400		130
135	32.5°	1030		34.5°	1120		35.5°	1160		135
140	28.5°	840		30.5°	910		30.5°	920		140
145										145
150										150
155										155

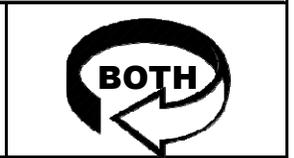
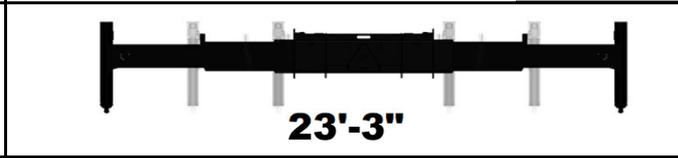
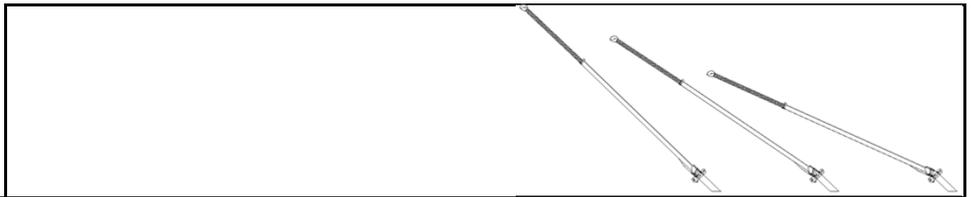
**CODES 45, 54, 63, 72,
81, 90**

RETRACTED 32' JIB



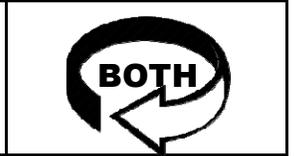
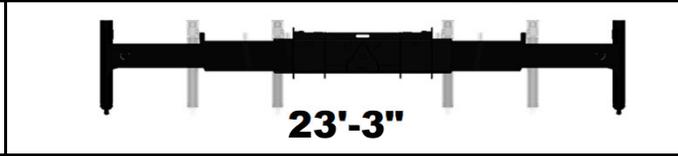
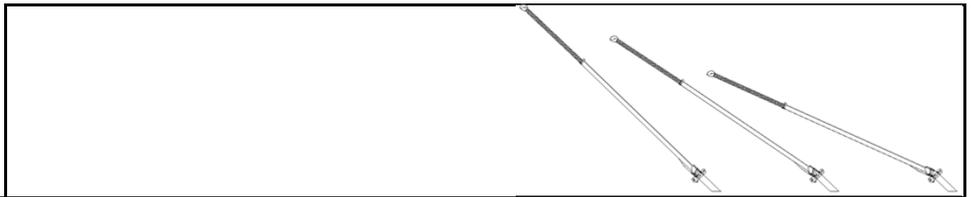
LOAD RADIUS (FT)	0° OFFSET				15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 45	CODE 54	BOOM ANGLE (DEG)	CODE 63	CODE 72	BOOM ANGLE (DEG)	CODE 81	CODE 90		
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		
30										30	
35	78°	5400	5400							35	
40	76.5°	5400	5400	79.5°	5400	5400				40	
45	75°	5400	5400	78°	5400	5400				45	
50	73.5°	5400	5400	76.5°	5400	5400	79°	5400	5400	50	
55	72°	5400	5400	74.5°	5400	5400	77°	5400	5400	55	
60	70°	5400	5400	73°	5400	5400	75°	5400	5400	60	
65	68.5°	5400	5400	71°	5400	5400	73°	5240	5240	65	
70	66.5°	5210	5210	69°	5230	5230	71.5°	4990	4990	70	
75	64.5°	4740	4670	67°	4970	4970	69.5°	4750	4750	75	
80	62.5°	4300	3930	65°	4570	4370	67.5°	4520	4520	80	
85	60.5°	3890	3290	63°	4140	3690	65°	4310	4020	85	
90	58°	3510	2730	61°	3740	3090	63°	3930	3390	90	
95	55.5°	3160	2240	58.5°	3360	2570	60.5°	3540	2830	95	
100	53°	2820	1800	56°	3010	2100	58°	3170	2330	100	
105	50.5°	2520	1410	53.5°	2690	1680	55.5°	2830	1890	105	
110	48°	2230	1060	50.5°	2390	1300	52.5°	2510	1480	110	
115	45.5°	1960	750	48°	2100	960	49.5°	2210	1110	115	
120	42.5°	1700		45°	1830		46.5°	1920	750	120	
125	39.5°	1470		42°	1580		43°	1660		125	
130	36.5°	1240		38.5°	1350		39.5°	1400		130	
135	32.5°	1030		34.5°	1120		35.5°	1160		135	
140	28.5°	840		30.5°	910		30.5°	920		140	
145										145	
150										150	
155										155	

**CODES 91, 100, 109,
118, 127, 136**
EXTENDED 49' JIB



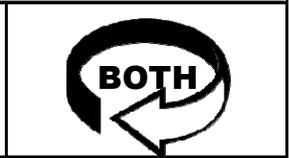
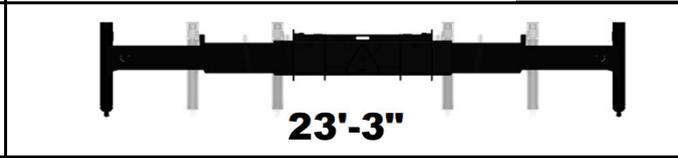
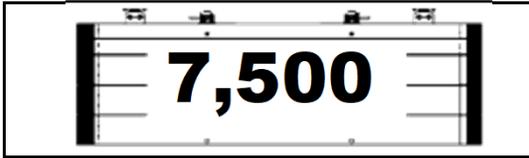
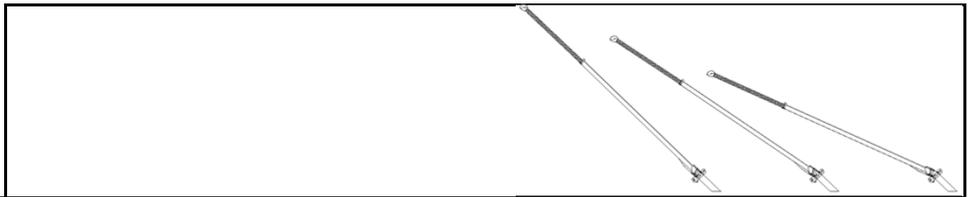
LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 91	CODE 100	BOOM ANGLE (DEG)	CODE 109	CODE 118	BOOM ANGLE (DEG)	CODE 127	CODE 136	
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)	
30										30
35										35
40	78°	4300	4300							40
45	76.5°	4300	4300							45
50	75°	4300	4300	79.5°	4300	4300				50
55	73.5°	4300	4300	78°	4300	4300				55
60	72°	4300	4300	76.5°	4300	4300	79.5°	3700	3700	60
65	70.5°	4300	4300	75°	4300	4300	78°	3590	3590	65
70	69°	4300	4300	73.5°	4230	4230	76°	3490	3490	70
75	67.5°	4300	4300	71.5°	4080	4080	74°	3390	3390	75
80	66°	4240	4240	70°	3930	3930	72.5°	3300	3300	80
85	64.5°	4030	4030	68.5°	3760	3760	70.5°	3220	3220	85
90	63°	3740	3740	66.5°	3590	3590	69°	3140	3140	90
95	61°	3430	3430	64.5°	3420	3420	67°	3070	3070	95
100	59°	3120	3120	62.5°	3270	3270	65°	3000	3000	100
105	57°	2840	2840	60.5°	3100	3100	63°	2940	2940	105
110	54.5°	2560	2560	58°	2810	2810	61°	2880	2880	110
115	52°	2310	2310	56°	2540	2540	58.5°	2720	2720	115
120	49.5°	2070	2070	53.5°	2280	2280	56°	2450	2450	120
125	47°	1840	1840	51°	2040	2040	53.5°	2190	2190	125
130	44.5°	1630	1630	48°	1810	1810	50.5°	1940	1940	130
135	42°	1430	1430	45.5°	1590	1590	47.5°	1700	1700	135
140	39.5°	1240	1240	42.5°	1390	1390	44.5°	1480	1480	140
145	36.5°	1060	1060	39.5°	1190	1190	41°	1260	1260	145
150	33°	900	900	36°	1000	1000	37°	1050	1050	150
155				32°	820	820	32.5°	850	850	155
160										160
165										165
170										170

**CODES 92, 101, 110,
119, 128, 137**
EXTENDED 49' JIB



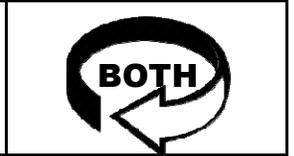
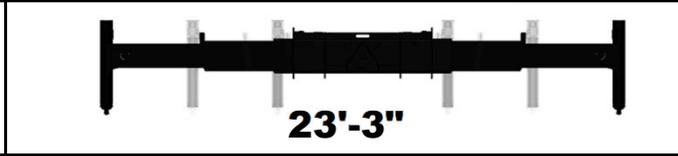
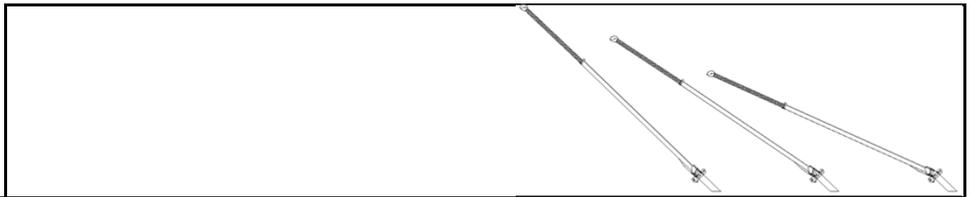
LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 92	CODE 101	BOOM ANGLE (DEG)	CODE 110	CODE 119	BOOM ANGLE (DEG)	CODE 128	CODE 137	
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)	
30										30
35										35
40	78°	4300	4300							40
45	76.5°	4300	4300							45
50	75°	4300	4300	79.5°	4300	4300				50
55	73.5°	4300	4300	78°	4300	4300				55
60	72°	4300	4300	76.5°	4300	4300	79.5°	3700	3700	60
65	70.5°	4300	4300	75°	4300	4300	78°	3590	3590	65
70	69°	4300	4300	73.5°	4230	4230	76°	3490	3490	70
75	67.5°	4300	4300	71.5°	4080	4080	74°	3390	3390	75
80	66°	4240	4240	70°	3930	3930	72.5°	3300	3300	80
85	64.5°	4030	4030	68.5°	3760	3760	70.5°	3220	3220	85
90	63°	3740	3740	66.5°	3590	3590	69°	3140	3140	90
95	61°	3430	3430	64.5°	3420	3420	67°	3070	3070	95
100	59°	3120	3120	62.5°	3270	3270	65°	3000	3000	100
105	57°	2840	2840	60.5°	3100	3100	63°	2940	2940	105
110	54.5°	2560	2560	58°	2810	2810	61°	2880	2880	110
115	52°	2310	2310	56°	2540	2540	58.5°	2720	2720	115
120	49.5°	2070	2070	53.5°	2280	2280	56°	2450	2450	120
125	47°	1840	1840	51°	2040	2040	53.5°	2190	2190	125
130	44.5°	1630	1630	48°	1810	1810	50.5°	1940	1940	130
135	42°	1430	1430	45.5°	1590	1590	47.5°	1700	1700	135
140	39.5°	1240	1240	42.5°	1390	1390	44.5°	1480	1480	140
145	36.5°	1060	1060	39.5°	1190	1190	41°	1260	1260	145
150	33°	900	900	36°	1000	1000	37°	1050	1050	150
155				32°	820	820	32.5°	850	850	155
160										160
165										165
170										170

**CODES 93, 102, 111,
120, 129, 138**
EXTENDED 49' JIB



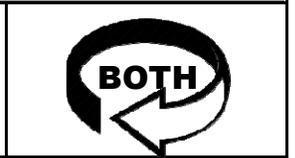
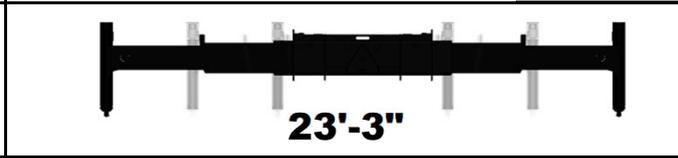
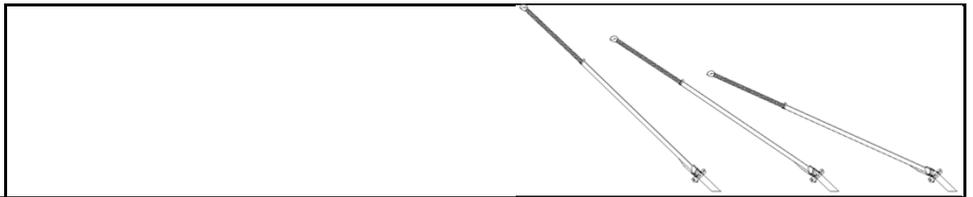
LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 93	CODE 102	BOOM ANGLE (DEG)	CODE 111	CODE 120	BOOM ANGLE (DEG)	CODE 129	CODE 138	
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)	
30										30
35										35
40	78°	4300	4300							40
45	76.5°	4300	4300							45
50	75°	4300	4300	79.5°	4300	4300				50
55	73.5°	4300	4300	78°	4300	4300				55
60	72°	4300	4300	76.5°	4300	4300	79.5°	3700	3700	60
65	70.5°	4300	4300	75°	4300	4300	78°	3590	3590	65
70	69°	4300	4300	73.5°	4230	4230	76°	3490	3490	70
75	67.5°	4300	4300	71.5°	4080	4080	74°	3390	3390	75
80	66°	4240	4240	70°	3930	3930	72.5°	3300	3300	80
85	64.5°	4030	4030	68.5°	3760	3760	70.5°	3220	3220	85
90	63°	3740	3740	66.5°	3590	3590	69°	3140	3140	90
95	61°	3430	3430	64.5°	3420	3420	67°	3070	3070	95
100	59°	3120	3120	62.5°	3270	3270	65°	3000	3000	100
105	57°	2840	2840	60.5°	3100	3100	63°	2940	2940	105
110	54.5°	2560	2560	58°	2810	2810	61°	2880	2880	110
115	52°	2310	2310	56°	2540	2540	58.5°	2720	2720	115
120	49.5°	2070	2070	53.5°	2280	2280	56°	2450	2450	120
125	47°	1840	1840	51°	2040	2040	53.5°	2190	2190	125
130	44.5°	1630	1630	48°	1810	1810	50.5°	1940	1940	130
135	42°	1430	1430	45.5°	1590	1590	47.5°	1700	1700	135
140	39.5°	1240	1200	42.5°	1390	1390	44.5°	1480	1480	140
145	36.5°	1060	970	39.5°	1190	1160	41°	1260	1260	145
150	33°	900	750	36°	1000	910	37°	1050	990	150
155				32°	820	700	32.5°	850	710	155
160										160
165										165
170										170

**CODES 94, 103, 112,
121, 130, 139**
EXTENDED 49' JIB



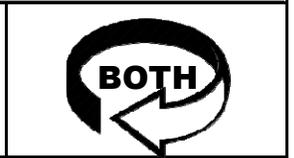
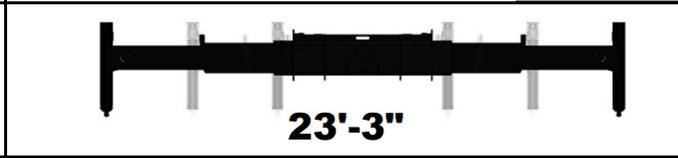
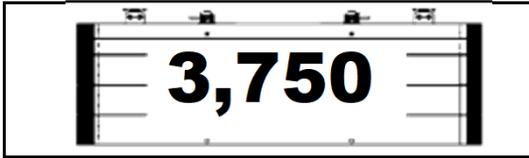
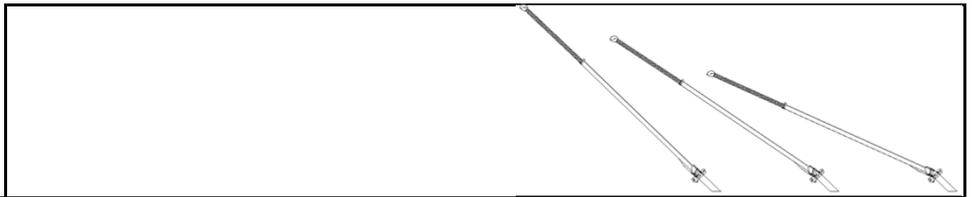
LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 94	CODE 103	BOOM ANGLE (DEG)	CODE 112	CODE 121	BOOM ANGLE (DEG)	CODE 130	CODE 139	
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)	
30										30
35										35
40	78°	4300	4300							40
45	76.5°	4300	4300							45
50	75°	4300	4300	79.5°	4300	4300				50
55	73.5°	4300	4300	78°	4300	4300				55
60	72°	4300	4300	76.5°	4300	4300	79.5°	3700	3700	60
65	70.5°	4300	4300	75°	4300	4300	78°	3590	3590	65
70	69°	4300	4300	73.5°	4230	4230	76°	3490	3490	70
75	67.5°	4300	4300	71.5°	4080	4080	74°	3390	3390	75
80	66°	4240	4240	70°	3930	3930	72.5°	3300	3300	80
85	64.5°	4030	4030	68.5°	3760	3760	70.5°	3220	3220	85
90	63°	3740	3740	66.5°	3590	3590	69°	3140	3140	90
95	61°	3430	3430	64.5°	3420	3420	67°	3070	3070	95
100	59°	3120	3120	62.5°	3270	3270	65°	3000	3000	100
105	57°	2840	2840	60.5°	3100	3100	63°	2940	2940	105
110	54.5°	2560	2560	58°	2810	2810	61°	2880	2880	110
115	52°	2310	2310	56°	2540	2540	58.5°	2720	2720	115
120	49.5°	2070	2070	53.5°	2280	2280	56°	2450	2450	120
125	47°	1840	1810	51°	2040	2040	53.5°	2190	2190	125
130	44.5°	1630	1530	48°	1810	1800	50.5°	1940	1940	130
135	42°	1430	1260	45.5°	1590	1500	47.5°	1700	1670	135
140	39.5°	1240	1020	42.5°	1390	1230	44.5°	1480	1370	140
145	36.5°	1060	790	39.5°	1190	980	41°	1260	1090	145
150	33°	900		36°	1000	750	37°	1050	820	150
155				32°	820		32.5°	850		155
160										160
165										165
170										170

**CODES 95, 104, 113,
122, 131, 140**
EXTENDED 49' JIB



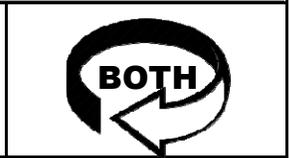
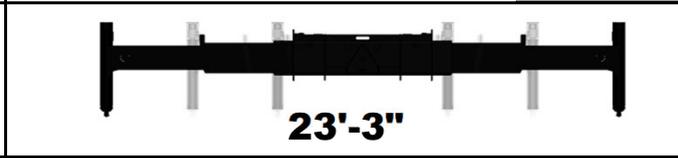
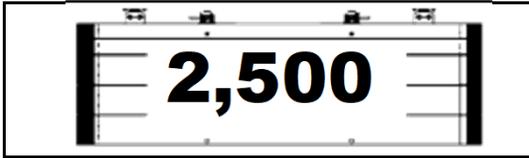
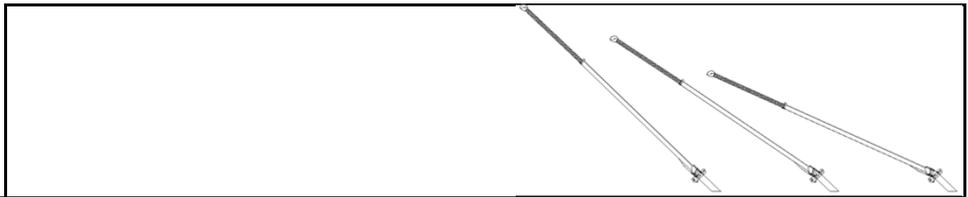
LOAD RADIUS (FT)	0° OFFSET				15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 95	CODE 104	BOOM ANGLE (DEG)	CODE 113	CODE 122	BOOM ANGLE (DEG)	CODE 131	CODE 140		
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		
30										30	
35										35	
40	78°	4300	4300							40	
45	76.5°	4300	4300							45	
50	75°	4300	4300	79.5°	4300	4300				50	
55	73.5°	4300	4300	78°	4300	4300				55	
60	72°	4300	4300	76.5°	4300	4300	79.5°	3700	3700	60	
65	70.5°	4300	4300	75°	4300	4300	78°	3590	3590	65	
70	69°	4300	4300	73.5°	4230	4230	76°	3490	3490	70	
75	67.5°	4300	4300	71.5°	4080	4080	74°	3390	3390	75	
80	66°	4240	4240	70°	3930	3930	72.5°	3300	3300	80	
85	64.5°	4030	4030	68.5°	3760	3760	70.5°	3220	3220	85	
90	63°	3740	3740	66.5°	3590	3590	69°	3140	3140	90	
95	61°	3430	3430	64.5°	3420	3420	67°	3070	3070	95	
100	59°	3120	3120	62.5°	3270	3270	65°	3000	3000	100	
105	57°	2840	2840	60.5°	3100	3100	63°	2940	2940	105	
110	54.5°	2560	2560	58°	2810	2810	61°	2880	2880	110	
115	52°	2310	2240	56°	2540	2540	58.5°	2720	2720	115	
120	49.5°	2070	1910	53.5°	2280	2240	56°	2450	2450	120	
125	47°	1840	1610	51°	2040	1910	53.5°	2190	2130	125	
130	44.5°	1630	1330	48°	1810	1600	50.5°	1940	1800	130	
135	42°	1430	1070	45.5°	1590	1310	47.5°	1700	1480	135	
140	39.5°	1240	830	42.5°	1390	1050	44.5°	1480	1190	140	
145	36.5°	1060		39.5°	1190	800	41°	1260	910	145	
150	33°	900		36°	1000		37°	1050		150	
155				32°	820		32.5°	850		155	
160										160	
165										165	
170										170	

**CODES 96, 105, 114,
123, 132, 141**
EXTENDED 49' JIB



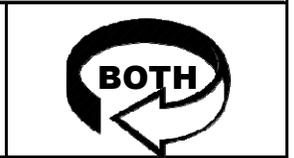
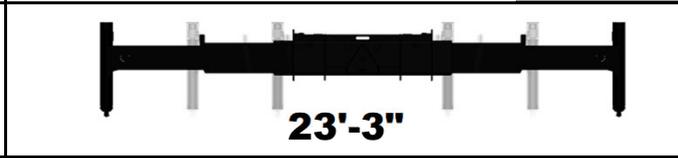
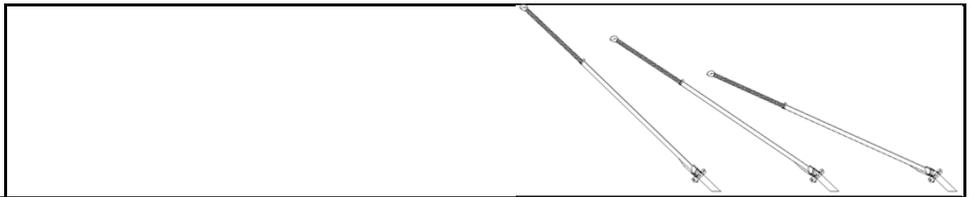
LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 96	CODE 105	BOOM ANGLE (DEG)	CODE 114	CODE 123	BOOM ANGLE (DEG)	CODE 132	CODE 141	
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)	
30										30
35										35
40	78°	4300	4300							40
45	76.5°	4300	4300							45
50	75°	4300	4300	79.5°	4300	4300				50
55	73.5°	4300	4300	78°	4300	4300				55
60	72°	4300	4300	76.5°	4300	4300	79.5°	3700	3700	60
65	70.5°	4300	4300	75°	4300	4300	78°	3590	3590	65
70	69°	4300	4300	73.5°	4230	4230	76°	3490	3490	70
75	67.5°	4300	4300	71.5°	4080	4080	74°	3390	3390	75
80	66°	4240	4240	70°	3930	3930	72.5°	3300	3300	80
85	64.5°	4030	4030	68.5°	3760	3760	70.5°	3220	3220	85
90	63°	3740	3740	66.5°	3590	3590	69°	3140	3140	90
95	61°	3430	3430	64.5°	3420	3420	67°	3070	3070	95
100	59°	3120	3120	62.5°	3270	3270	65°	3000	3000	100
105	57°	2840	2760	60.5°	3100	3100	63°	2940	2940	105
110	54.5°	2560	2370	58°	2810	2770	61°	2880	2880	110
115	52°	2310	2010	56°	2540	2380	58.5°	2720	2670	115
120	49.5°	2070	1690	53.5°	2280	2020	56°	2450	2280	120
125	47°	1840	1400	51°	2040	1700	53.5°	2190	1920	125
130	44.5°	1630	1130	48°	1810	1400	50.5°	1940	1600	130
135	42°	1430	880	45.5°	1590	1120	47.5°	1700	1290	135
140	39.5°	1240		42.5°	1390	860	44.5°	1480	1000	140
145	36.5°	1060		39.5°	1190		41°	1260	750	145
150	33°	900		36°	1000		37°	1050		150
155				32°	820		32.5°	850		155
160										160
165										165
170										170

**CODES 97, 106, 115,
124, 133, 142**
EXTENDED 49' JIB



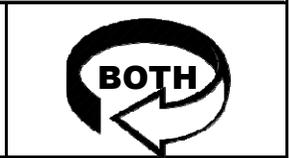
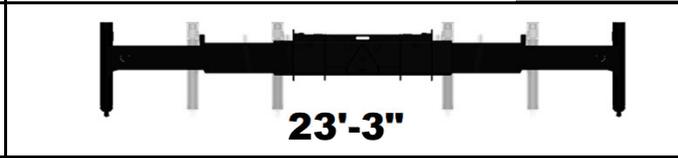
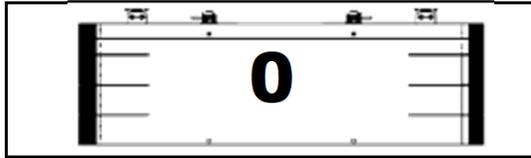
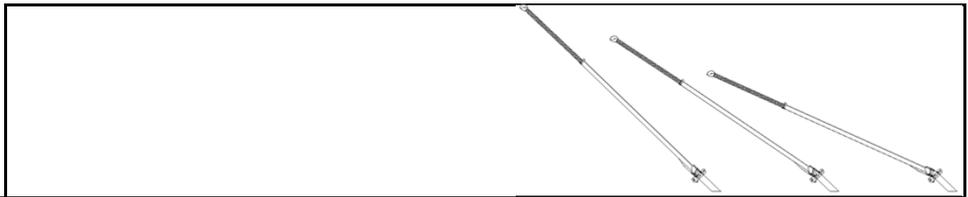
LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 97	CODE 106	BOOM ANGLE (DEG)	CODE 115	CODE 124	BOOM ANGLE (DEG)	CODE 133	CODE 142	
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)	
30										30
35										35
40	78°	4300	4300							40
45	76.5°	4300	4300							45
50	75°	4300	4300	79.5°	4300	4300				50
55	73.5°	4300	4300	78°	4300	4300				55
60	72°	4300	4300	76.5°	4300	4300	79.5°	3700	3700	60
65	70.5°	4300	4300	75°	4300	4300	78°	3590	3590	65
70	69°	4300	4300	73.5°	4230	4230	76°	3490	3490	70
75	67.5°	4300	4300	71.5°	4080	4080	74°	3390	3390	75
80	66°	4240	4240	70°	3930	3930	72.5°	3300	3300	80
85	64.5°	4030	4030	68.5°	3760	3760	70.5°	3220	3220	85
90	63°	3740	3740	66.5°	3590	3590	69°	3140	3140	90
95	61°	3430	3410	64.5°	3420	3420	67°	3070	3070	95
100	59°	3120	2930	62.5°	3270	3270	65°	3000	3000	100
105	57°	2840	2510	60.5°	3100	2940	63°	2940	2940	105
110	54.5°	2560	2130	58°	2810	2520	61°	2880	2850	110
115	52°	2310	1790	56°	2540	2150	58.5°	2720	2440	115
120	49.5°	2070	1470	53.5°	2280	1800	56°	2450	2060	120
125	47°	1840	1190	51°	2040	1490	53.5°	2190	1710	125
130	44.5°	1630	930	48°	1810	1200	50.5°	1940	1400	130
135	42°	1430	750	45.5°	1590	930	47.5°	1700	1100	135
140	39.5°	1240		42.5°	1390	750	44.5°	1480	820	140
145	36.5°	1060		39.5°	1190		41°	1260		145
150	33°	900		36°	1000		37°	1050		150
155				32°	820		32.5°	850		155
160										160
165										165
170										170

**CODES 98, 107, 116,
125, 134, 143**
EXTENDED 49' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 98	CODE 107	BOOM ANGLE (DEG)	CODE 116	CODE 125	BOOM ANGLE (DEG)	CODE 134	CODE 143	
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)	
30										30
35										35
40	78°	4300	4300							40
45	76.5°	4300	4300							45
50	75°	4300	4300	79.5°	4300	4300				50
55	73.5°	4300	4300	78°	4300	4300				55
60	72°	4300	4300	76.5°	4300	4300	79.5°	3700	3700	60
65	70.5°	4300	4300	75°	4300	4300	78°	3590	3590	65
70	69°	4300	4300	73.5°	4230	4230	76°	3490	3490	70
75	67.5°	4300	4300	71.5°	4080	4080	74°	3390	3390	75
80	66°	4240	4240	70°	3930	3930	72.5°	3300	3300	80
85	64.5°	4030	4030	68.5°	3760	3760	70.5°	3220	3220	85
90	63°	3740	3640	66.5°	3590	3590	69°	3140	3140	90
95	61°	3430	3130	64.5°	3420	3420	67°	3070	3070	95
100	59°	3120	2670	62.5°	3270	3140	65°	3000	3000	100
105	57°	2840	2260	60.5°	3100	2690	63°	2940	2940	105
110	54.5°	2560	1890	58°	2810	2280	61°	2880	2610	110
115	52°	2310	1560	56°	2540	1920	58.5°	2720	2210	115
120	49.5°	2070	1250	53.5°	2280	1580	56°	2450	1840	120
125	47°	1840	980	51°	2040	1280	53.5°	2190	1510	125
130	44.5°	1630	750	48°	1810	1000	50.5°	1940	1200	130
135	42°	1430		45.5°	1590	750	47.5°	1700	910	135
140	39.5°	1240		42.5°	1390		44.5°	1480		140
145	36.5°	1060		39.5°	1190		41°	1260		145
150	33°	900		36°	1000		37°	1050		150
155				32°	820		32.5°	850		155
160										160
165										165
170										170

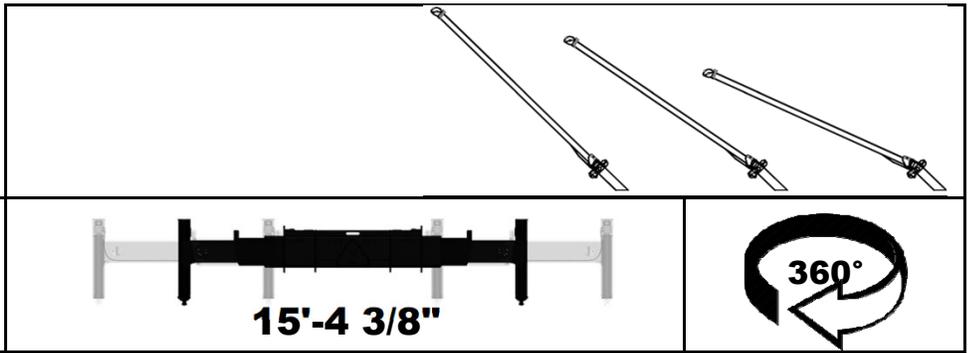
**CODES 99, 108, 117,
126, 135, 144**
EXTENDED 49' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 99	CODE 108	BOOM ANGLE (DEG)	CODE 117	CODE 126	BOOM ANGLE (DEG)	CODE 135	CODE 144	
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)	
30										30
35										35
40	78°	4300	4300							40
45	76.5°	4300	4300							45
50	75°	4300	4300	79.5°	4300	4300				50
55	73.5°	4300	4300	78°	4300	4300				55
60	72°	4300	4300	76.5°	4300	4300	79.5°	3700	3700	60
65	70.5°	4300	4300	75°	4300	4300	78°	3590	3590	65
70	69°	4300	4300	73.5°	4230	4230	76°	3490	3490	70
75	67.5°	4300	4300	71.5°	4080	4080	74°	3390	3390	75
80	66°	4240	4240	70°	3930	3930	72.5°	3300	3300	80
85	64.5°	4030	3910	68.5°	3760	3760	70.5°	3220	3220	85
90	63°	3740	3340	66.5°	3590	3590	69°	3140	3140	90
95	61°	3430	2840	64.5°	3420	3350	67°	3070	3070	95
100	59°	3120	2400	62.5°	3270	2870	65°	3000	3000	100
105	57°	2840	2000	60.5°	3100	2430	63°	2940	2790	105
110	54.5°	2560	1650	58°	2810	2040	61°	2880	2370	110
115	52°	2310	1330	56°	2540	1690	58.5°	2720	1980	115
120	49.5°	2070	1040	53.5°	2280	1370	56°	2450	1620	120
125	47°	1840	770	51°	2040	1070	53.5°	2190	1300	125
130	44.5°	1630		48°	1810	800	50.5°	1940	990	130
135	42°	1430		45.5°	1590		47.5°	1700	750	135
140	39.5°	1240		42.5°	1390		44.5°	1480		140
145	36.5°	1060		39.5°	1190		41°	1260		145
150	33°	900		36°	1000		37°	1050		150
155				32°	820		32.5°	850		155
160										160
165										165
170										170

CODES 145, 154, 163

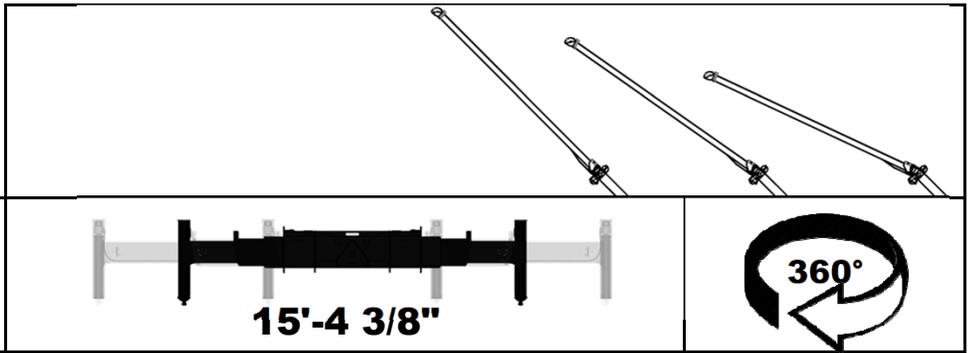
RETRACTED 32' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 145 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 154 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 163 FULL 360° (LBS)				
15									15	
20									20	
25									25	
30									30	
35	78°	5400							35	
40	76.5°	5400	79.5°	5400					40	
45	75°	5400	78°	5400					45	
50	73.5°	5400	76.5°	5400	79°	5400			50	
55	72°	5400	74.5°	5400	77°	5400			55	
60	70°	5400	73°	5400	75°	5400			60	
65	68.5°	4520	71°	5070	73°	5240			65	
70	66.5°	3700	69°	4190	71.5°	4600			70	
75	64.5°	3000	67°	3440	69.5°	3810			75	
80	62.5°	2400	65°	2800	67.5°	3130			80	
85	60.5°	1870	63°	2240	65°	2530			85	
90	58°	1410	61°	1740	63°	2000			90	
95	55.5°	1000	58.5°	1300	60.5°	1530			95	
100	53°		56°	910	58°	1110			100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	

CODES 146, 155, 164

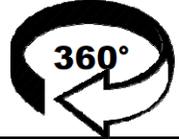
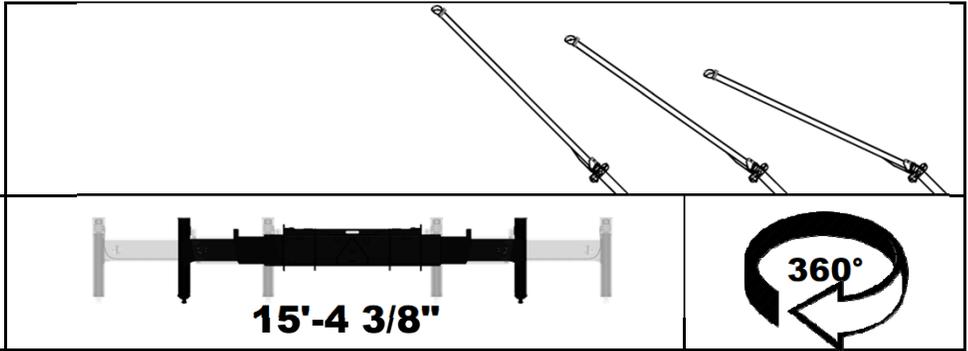
RETRACTED 32' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 146 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 155 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 164 FULL 360° (LBS)				
15									15	
20									20	
25									25	
30									30	
35	78°	5400							35	
40	76.5°	5400	79.5°	5400					40	
45	75°	5400	78°	5400					45	
50	73.5°	5400	76.5°	5400	79°	5400			50	
55	72°	5400	74.5°	5400	77°	5400			55	
60	70°	5150	73°	5400	75°	5400			60	
65	68.5°	4200	71°	4740	73°	5200			65	
70	66.5°	3400	69°	3890	71.5°	4300			70	
75	64.5°	2730	67°	3170	69.5°	3530			75	
80	62.5°	2140	65°	2540	67.5°	2870			80	
85	60.5°	1630	63°	2000	65°	2290			85	
90	58°	1190	61°	1520	63°	1780			90	
95	55.5°		58.5°	1090	60.5°	1320			95	
100	53°		56°		58°	910			100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	

CODES 147, 156, 165

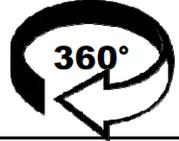
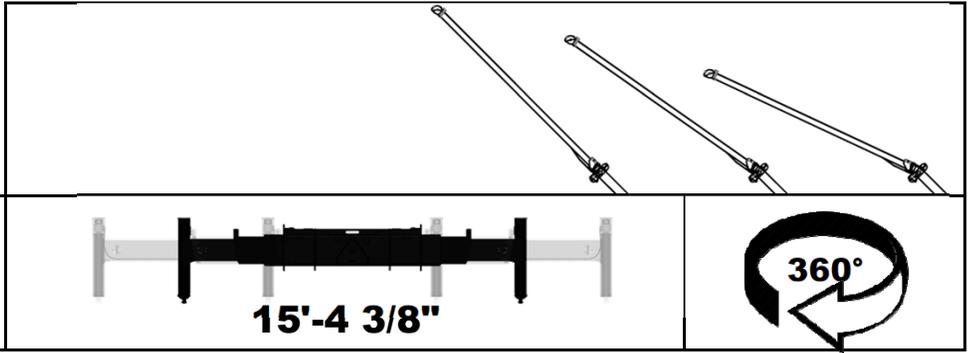
RETRACTED 32' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 147 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 156 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 165 FULL 360° (LBS)				
15									15	
20									20	
25									25	
30									30	
35	78°	5400							35	
40	76.5°	5400	79.5°	5400					40	
45	75°	5400	78°	5400					45	
50	73.5°	5400	76.5°	5400	79°	5400			50	
55	72°	5400	74.5°	5400	77°	5400			55	
60	70°	4790	73°	5400	75°	5400			60	
65	68.5°	3870	71°	4420	73°	4880			65	
70	66.5°	3110	69°	3590	71.5°	4000			70	
75	64.5°	2450	67°	2890	69.5°	3260			75	
80	62.5°	1880	65°	2280	67.5°	2610			80	
85	60.5°	1390	63°	1750	65°	2050			85	
90	58°	960	61°	1290	63°	1550			90	
95	55.5°		58.5°	880	60.5°	1110			95	
100	53°		56°		58°				100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	

CODES 148, 157, 166

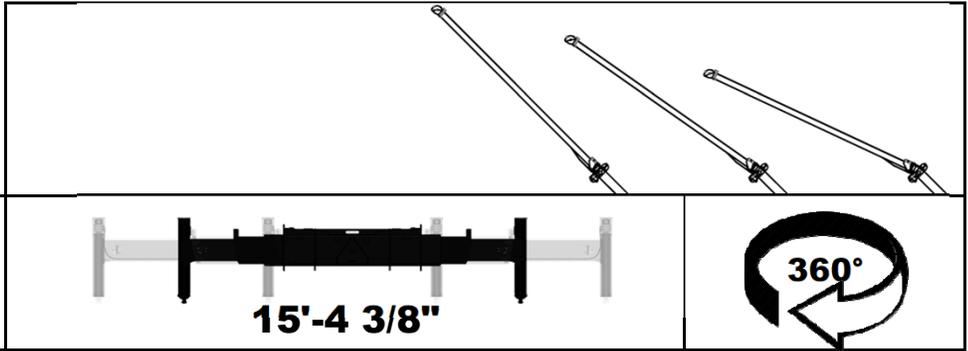
RETRACTED 32' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 148 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 157 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 166 FULL 360° (LBS)				
15									15	
20									20	
25									25	
30									30	
35	78°	5400							35	
40	76.5°	5400	79.5°	5400					40	
45	75°	5400	78°	5400					45	
50	73.5°	5400	76.5°	5400	79°	5400			50	
55	72°	5400	74.5°	5400	77°	5400			55	
60	70°	4430	73°	5040	75°	5400			60	
65	68.5°	3550	71°	4090	73°	4550			65	
70	66.5°	2810	69°	3290	71.5°	3700			70	
75	64.5°	2170	67°	2610	69.5°	2980			75	
80	62.5°	1630	65°	2030	67.5°	2350			80	
85	60.5°	1150	63°	1510	65°	1810			85	
90	58°		61°	1060	63°	1320			90	
95	55.5°		58.5°		60.5°	890			95	
100	53°		56°		58°				100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	

CODES 149, 158, 167

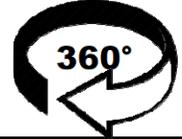
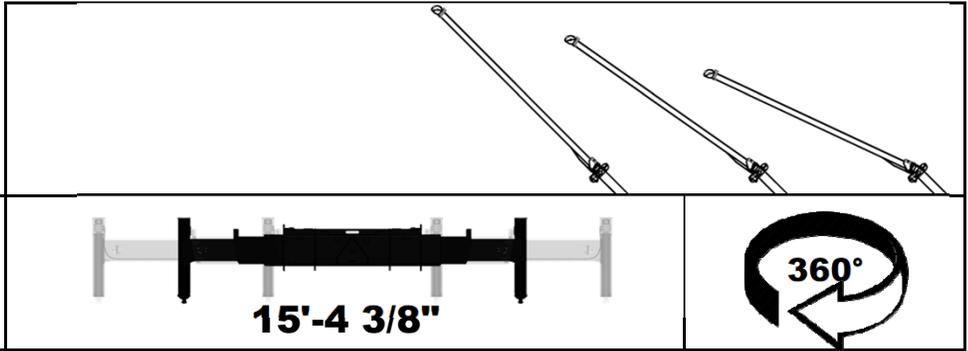
RETRACTED 32' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 149 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 158 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 167 FULL 360° (LBS)				
15									15	
20									20	
25									25	
30									30	
35	78°	5400							35	
40	76.5°	5400	79.5°	5400					40	
45	75°	5400	78°	5400					45	
50	73.5°	5400	76.5°	5400	79°	5400			50	
55	72°	5110	74.5°	5400	77°	5400			55	
60	70°	4080	73°	4680	75°	5210			60	
65	68.5°	3220	71°	3770	73°	4230			65	
70	66.5°	2510	69°	2990	71.5°	3410			70	
75	64.5°	1900	67°	2340	69.5°	2700			75	
80	62.5°	1370	65°	1770	67.5°	2100			80	
85	60.5°	910	63°	1270	65°	1560			85	
90	58°		61°	840	63°	1100			90	
95	55.5°		58.5°		60.5°				95	
100	53°		56°		58°				100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	

CODES 150, 159, 168

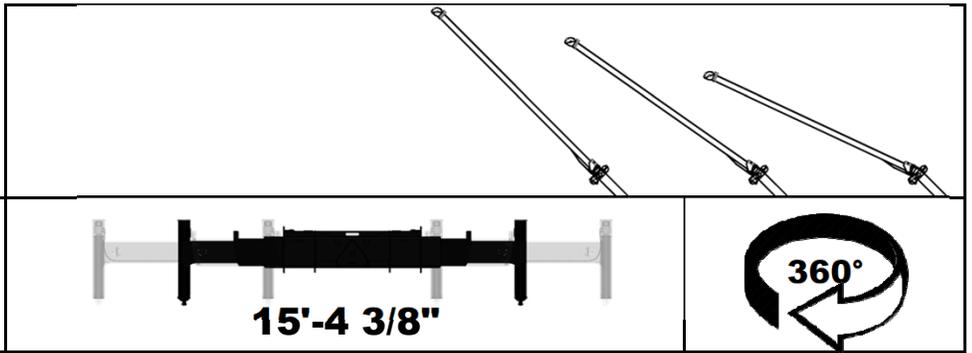
RETRACTED 32' JIB



LOAD RADIUS (FT)	BOOM ANGLE (DEG)	0° OFFSET		15° OFFSET		30° OFFSET		LOAD RADIUS (FT)
		CODE 150	CODE 150	CODE 159	CODE 159	CODE 168	CODE 168	
		FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	
15								15
20								20
25								25
30								30
35	78°	5400						35
40	76.5°	5400	79.5°	5400				40
45	75°	5400	78°	5400				45
50	73.5°	5400	76.5°	5400	79°	5400		50
55	72°	4720	74.5°	5400	77°	5400		55
60	70°	3720	73°	4330	75°	4850		60
65	68.5°	2900	71°	3440	73°	3900		65
70	66.5°	2210	69°	2700	71.5°	3110		70
75	64.5°	1620	67°	2060	69.5°	2430		75
80	62.5°	1110	65°	1510	67.5°	1840		80
85	60.5°		63°	1030	65°	1320		85
90	58°		61°		63°	870		90
95	55.5°		58.5°		60.5°			95
100	53°		56°		58°			100
105								105
110								110
115								115
120								120
125								125
130								130
135								135
140								140
145								145
150								150
155								155

CODES 151, 160, 169

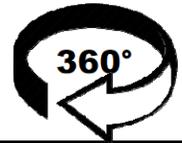
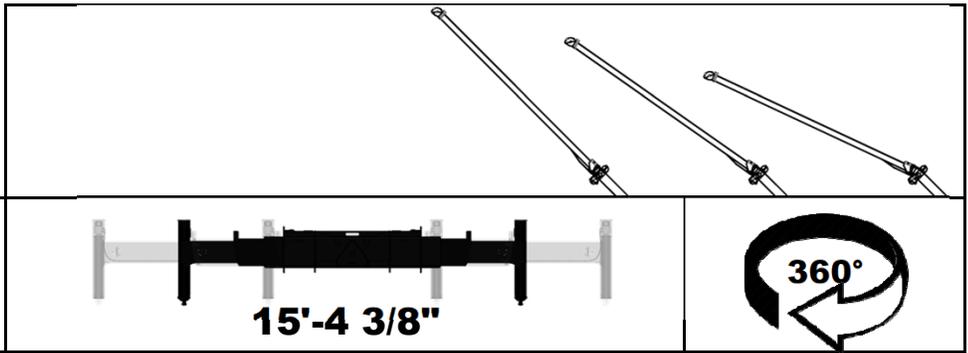
RETRACTED 32' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 151 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 160 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 169 FULL 360° (LBS)				
15									15	
20									20	
25									25	
30									30	
35	78°	5400							35	
40	76.5°	5400	79.5°	5400					40	
45	75°	5400	78°	5400					45	
50	73.5°	5400	76.5°	5400	79°	5400			50	
55	72°	4330	74.5°	5010	77°	5400			55	
60	70°	3370	73°	3970	75°	4500			60	
65	68.5°	2570	71°	3120	73°	3580			65	
70	66.5°	1910	69°	2400	71.5°	2810			70	
75	64.5°	1340	67°	1780	69.5°	2150			75	
80	62.5°	850	65°	1250	67.5°	1580			80	
85	60.5°		63°		65°	1080			85	
90	58°		61°		63°				90	
95	55.5°		58.5°		60.5°				95	
100	53°		56°		58°				100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	

CODES 152, 161, 170

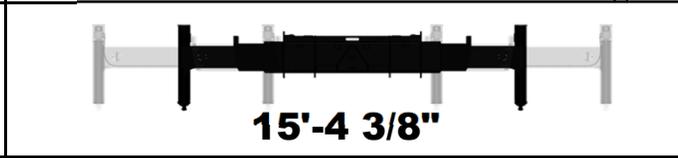
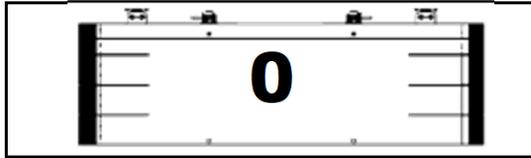
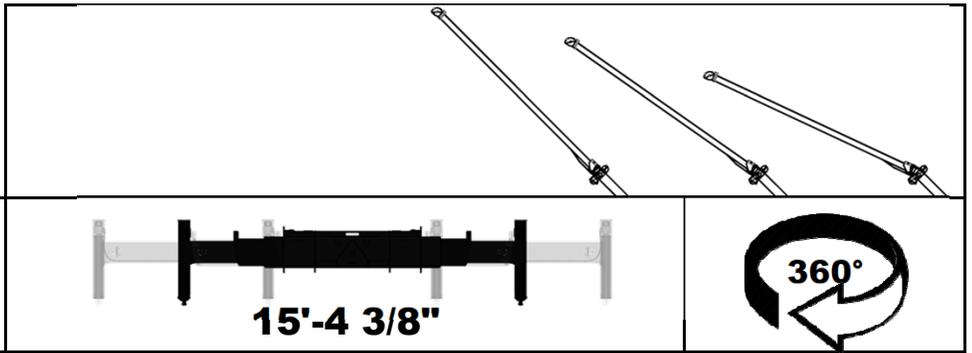
RETRACTED 32' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 152 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 161 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 170 FULL 360° (LBS)				
15									15	
20									20	
25									25	
30									30	
35	78°	5400							35	
40	76.5°	5400	79.5°	5400					40	
45	75°	5400	78°	5400					45	
50	73.5°	5070	76.5°	5400	79°	5400			50	
55	72°	3930	74.5°	4610	77°	5210			55	
60	70°	3010	73°	3620	75°	4140			60	
65	68.5°	2250	71°	2790	73°	3250			65	
70	66.5°	1610	69°	2100	71.5°	2510			70	
75	64.5°	1070	67°	1510	69.5°	1870			75	
80	62.5°		65°	1000	67.5°	1320			80	
85	60.5°		63°		65°	840			85	
90	58°		61°		63°				90	
95	55.5°		58.5°		60.5°				95	
100	53°		56°		58°				100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	

CODES 153, 162, 171

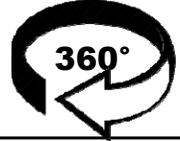
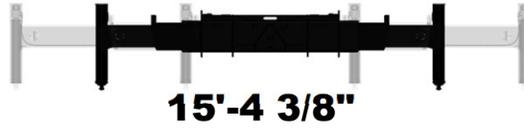
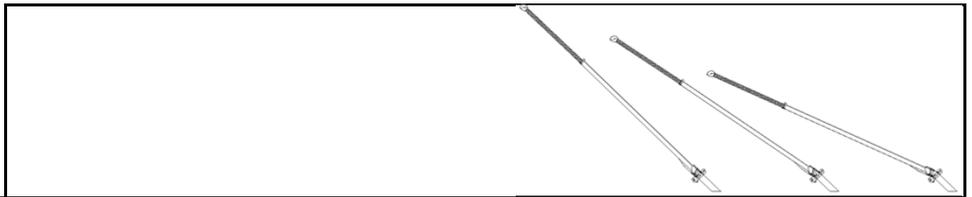
RETRACTED 32' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 153 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 162 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 171 FULL 360° (LBS)				
15									15	
20									20	
25									25	
30									30	
35	78°	5400							35	
40	76.5°	5400	79.5°	5400					40	
45	75°	5400	78°	5400					45	
50	73.5°	4630	76.5°	5400	79°	5400			50	
55	72°	3540	74.5°	4220	77°	4820			55	
60	70°	2650	73°	3260	75°	3780			60	
65	68.5°	1920	71°	2470	73°	2930			65	
70	66.5°	1310	69°	1800	71.5°	2210			70	
75	64.5°		67°	1230	69.5°	1600			75	
80	62.5°		65°		67.5°	1060			80	
85	60.5°		63°		65°				85	
90	58°		61°		63°				90	
95	55.5°		58.5°		60.5°				95	
100	53°		56°		58°				100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	

CODES 172, 181, 190

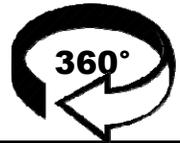
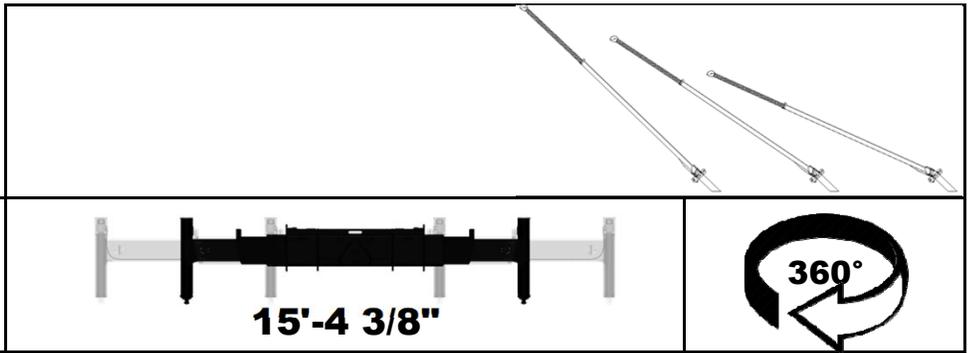
EXTENDED 49' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 172	FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 181	FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 190	FULL 360° (LBS)	
15										15
20										20
25										25
30										30
35										35
40	78°		4300							40
45	76.5°		4300							45
50	75°		4300	79.5°		4300				50
55	73.5°		4300	78°		4300				55
60	72°		4300	76.5°		4300	79.5°		3700	60
65	70.5°		4300	75°		4300	78°		3590	65
70	69°		4300	73.5°		4230	76°		3490	70
75	67.5°		3620	71.5°		4080	74°		3390	75
80	66°		3010	70°		3610	72.5°		3300	80
85	64.5°		2480	68.5°		3030	70.5°		3220	85
90	63°		2010	66.5°		2520	69°		2950	90
95	61°		1600	64.5°		2060	67°		2450	95
100	59°		1230	62.5°		1660	65°		2010	100
105	57°		900	60.5°		1290	63°		1610	105
110				58°		960	61°		1240	110
115							58.5°		910	115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160

CODES 173, 182, 191

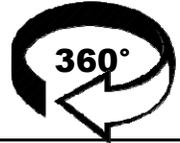
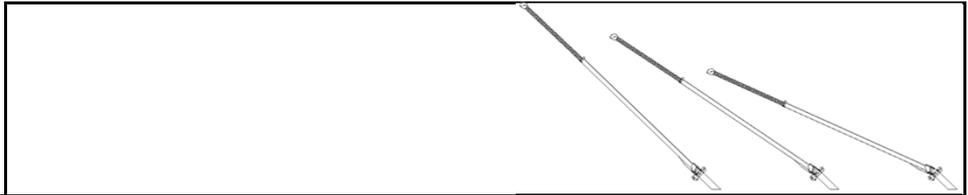
EXTENDED 49' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 173 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 182 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 191 FULL 360° (LBS)				
15									15	
20									20	
25									25	
30									30	
35									35	
40	78°	4300							40	
45	76.5°	4300							45	
50	75°	4300	79.5°	4300					50	
55	73.5°	4300	78°	4300					55	
60	72°	4300	76.5°	4300	79.5°	3700			60	
65	70.5°	4300	75°	4300	78°	3590			65	
70	69°	4030	73.5°	4230	76°	3490			70	
75	67.5°	3350	71.5°	4000	74°	3390			75	
80	66°	2750	70°	3360	72.5°	3300			80	
85	64.5°	2240	68.5°	2790	70.5°	3220			85	
90	63°	1790	66.5°	2290	69°	2720			90	
95	61°	1390	64.5°	1850	67°	2240			95	
100	59°	1030	62.5°	1450	65°	1810			100	
105	57°		60.5°	1100	63°	1420			105	
110			58°	780	61°	1060			110	
115					58.5°				115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	
160									160	

CODES 174, 183, 192

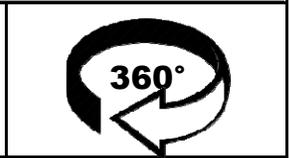
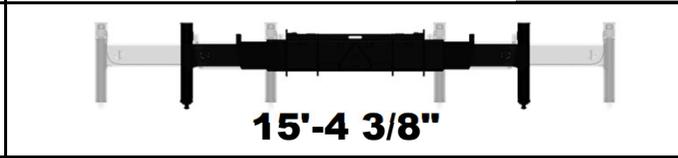
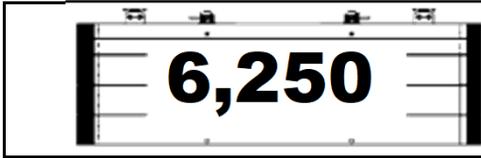
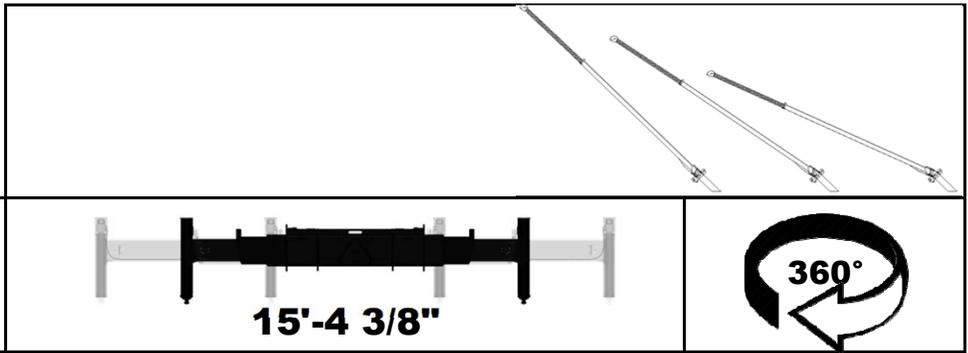
EXTENDED 49' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 174	FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 183	FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 192	FULL 360° (LBS)	
15										15
20										20
25										25
30										30
35										35
40	78°		4300							40
45	76.5°		4300							45
50	75°		4300	79.5°		4300				50
55	73.5°		4300	78°		4300				55
60	72°		4300	76.5°		4300	79.5°		3700	60
65	70.5°		4300	75°		4300	78°		3590	65
70	69°		3730	73.5°		4230	76°		3490	70
75	67.5°		3070	71.5°		3730	74°		3390	75
80	66°		2500	70°		3100	72.5°		3300	80
85	64.5°		2000	68.5°		2550	70.5°		3020	85
90	63°		1560	66.5°		2070	69°		2490	90
95	61°		1170	64.5°		1640	67°		2020	95
100	59°		830	62.5°		1250	65°		1600	100
105	57°			60.5°		910	63°		1220	105
110				58°			61°		880	110
115							58.5°			115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160

CODES 175, 184, 193

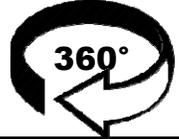
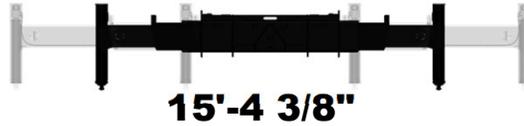
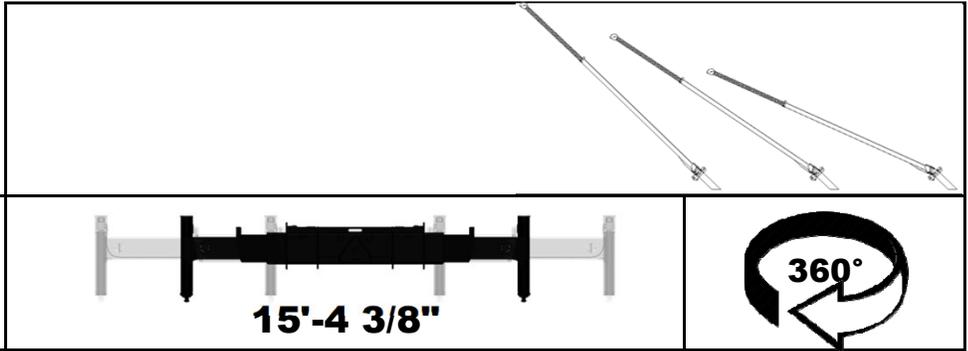
EXTENDED 49' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 175 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 184 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 193 FULL 360° (LBS)				
15									15	
20									20	
25									25	
30									30	
35									35	
40	78°	4300							40	
45	76.5°	4300							45	
50	75°	4300	79.5°	4300					50	
55	73.5°	4300	78°	4300					55	
60	72°	4300	76.5°	4300	79.5°	3700			60	
65	70.5°	4190	75°	4300	78°	3590			65	
70	69°	3430	73.5°	4160	76°	3490			70	
75	67.5°	2790	71.5°	3450	74°	3390			75	
80	66°	2240	70°	2840	72.5°	3300			80	
85	64.5°	1760	68.5°	2310	70.5°	2780			85	
90	63°	1330	66.5°	1840	69°	2270			90	
95	61°	960	64.5°	1420	67°	1810			95	
100	59°		62.5°	1050	65°	1400			100	
105	57°		60.5°		63°	1030			105	
110			58°		61°				110	
115					58.5°				115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	
160									160	

CODES 176, 185, 194

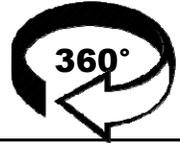
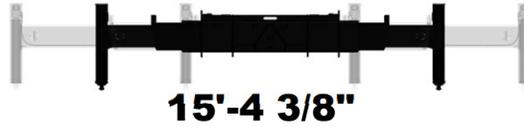
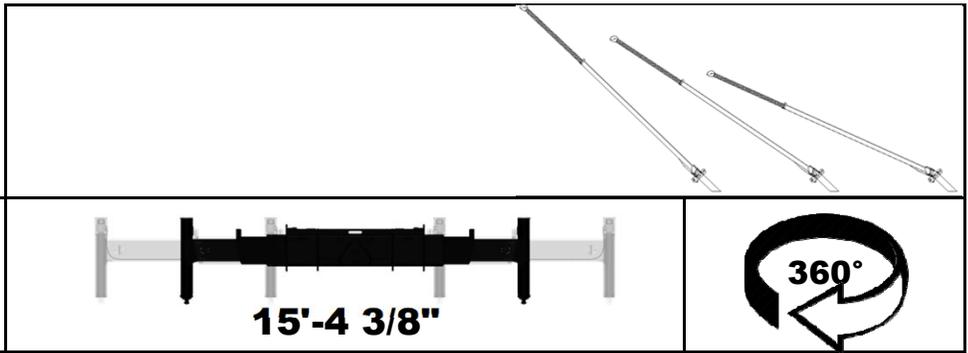
EXTENDED 49' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 176 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 185 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 194 FULL 360° (LBS)				
15									15	
20									20	
25									25	
30									30	
35									35	
40	78°	4300							40	
45	76.5°	4300							45	
50	75°	4300	79.5°	4300					50	
55	73.5°	4300	78°	4300					55	
60	72°	4300	76.5°	4300	79.5°	3700			60	
65	70.5°	3860	75°	4300	78°	3590			65	
70	69°	3130	73.5°	3860	76°	3490			70	
75	67.5°	2510	71.5°	3170	74°	3390			75	
80	66°	1980	70°	2580	72.5°	3110			80	
85	64.5°	1520	68.5°	2070	70.5°	2540			85	
90	63°	1110	66.5°	1610	69°	2040			90	
95	61°		64.5°	1210	67°	1600			95	
100	59°		62.5°	850	65°	1200			100	
105	57°		60.5°		63°	840			105	
110			58°		61°				110	
115					58.5°				115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	
160									160	

CODES 177, 186, 195

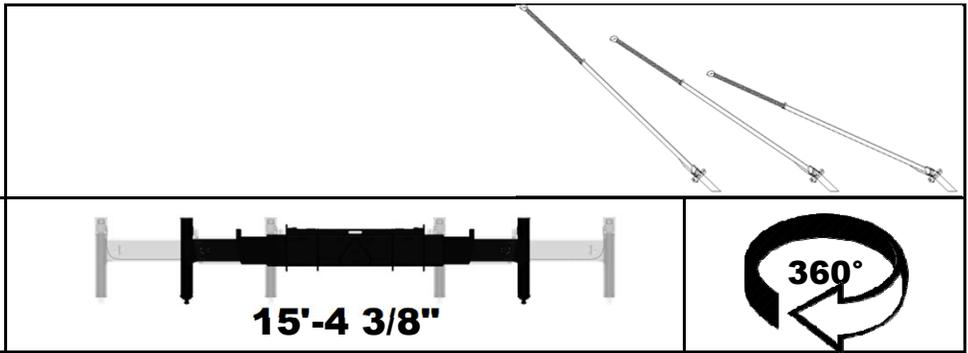
EXTENDED 49' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 177 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 186 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 195 FULL 360° (LBS)				
15									15	
20									20	
25									25	
30									30	
35									35	
40	78°	4300							40	
45	76.5°	4300							45	
50	75°	4300	79.5°	4300					50	
55	73.5°	4300	78°	4300					55	
60	72°	4300	76.5°	4300	79.5°	3700			60	
65	70.5°	3540	75°	4300	78°	3590			65	
70	69°	2830	73.5°	3560	76°	3490			70	
75	67.5°	2240	71.5°	2900	74°	3390			75	
80	66°	1720	70°	2330	72.5°	2850			80	
85	64.5°	1280	68.5°	1830	70.5°	2300			85	
90	63°	880	66.5°	1390	69°	1810			90	
95	61°		64.5°	1000	67°	1380			95	
100	59°		62.5°		65°	1000			100	
105	57°		60.5°		63°				105	
110			58°		61°				110	
115					58.5°				115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	
160									160	

CODES 178, 187, 196

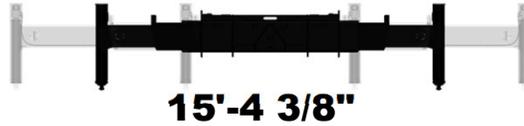
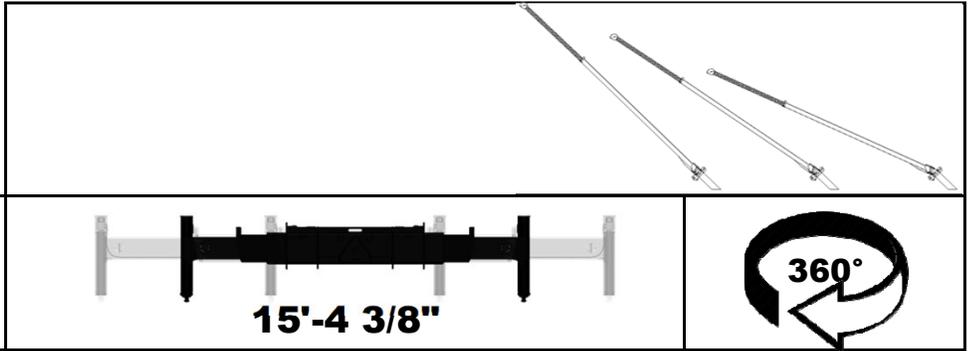
EXTENDED 49' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 178 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 187 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 196 FULL 360° (LBS)				
15									15	
20									20	
25									25	
30									30	
35									35	
40	78°	4300							40	
45	76.5°	4300							45	
50	75°	4300	79.5°	4300					50	
55	73.5°	4300	78°	4300					55	
60	72°	4010	76.5°	4300	79.5°	3700			60	
65	70.5°	3210	75°	4010	78°	3590			65	
70	69°	2540	73.5°	3260	76°	3490			70	
75	67.5°	1960	71.5°	2620	74°	3200			75	
80	66°	1470	70°	2070	72.5°	2590			80	
85	64.5°	1030	68.5°	1580	70.5°	2060			85	
90	63°		66.5°	1160	69°	1590			90	
95	61°		64.5°	780	67°	1170			95	
100	59°		62.5°		65°	800			100	
105	57°		60.5°		63°				105	
110			58°		61°				110	
115					58.5°				115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	
160									160	

CODES 179, 188, 197

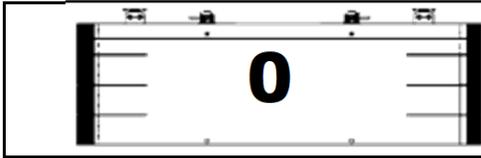
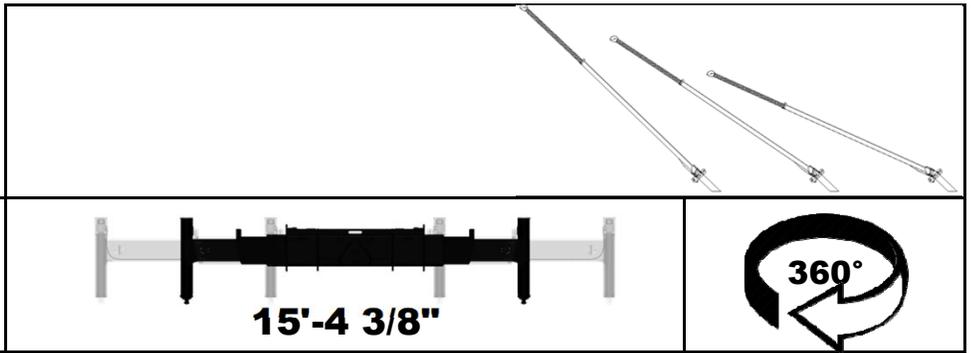
EXTENDED 49' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 179 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 188 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 197 FULL 360° (LBS)				
15									15	
20									20	
25									25	
30									30	
35									35	
40	78°	4300							40	
45	76.5°	4300							45	
50	75°	4300	79.5°	4300					50	
55	73.5°	4300	78°	4300					55	
60	72°	3660	76.5°	4300	79.5°	3700			60	
65	70.5°	2890	75°	3690	78°	3590			65	
70	69°	2240	73.5°	2960	76°	3490			70	
75	67.5°	1680	71.5°	2340	74°	2920			75	
80	66°	1210	70°	1810	72.5°	2330			80	
85	64.5°	790	68.5°	1340	70.5°	1820			85	
90	63°		66.5°	930	69°	1360			90	
95	61°		64.5°		67°	960			95	
100	59°		62.5°		65°				100	
105	57°		60.5°		63°				105	
110			58°		61°				110	
115					58.5°				115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	
160									160	

CODES 180, 189, 198

EXTENDED 49' JIB



LOAD RADIUS (FT)	0° OFFSET			15° OFFSET			30° OFFSET			LOAD RADIUS (FT)
	BOOM ANGLE (DEG)	CODE 180 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 189 FULL 360° (LBS)	BOOM ANGLE (DEG)	CODE 198 FULL 360° (LBS)				
15									15	
20									20	
25									25	
30									30	
35									35	
40	78°	4300							40	
45	76.5°	4300							45	
50	75°	4300	79.5°	4300					50	
55	73.5°	4200	78°	4300					55	
60	72°	3300	76.5°	4190	79.5°	3700			60	
65	70.5°	2560	75°	3360	78°	3590			65	
70	69°	1940	73.5°	2660	76°	3310			70	
75	67.5°	1410	71.5°	2070	74°	2650			75	
80	66°	950	70°	1550	72.5°	2080			80	
85	64.5°		68.5°	1100	70.5°	1580			85	
90	63°		66.5°		69°	1140			90	
95	61°		64.5°		67°				95	
100	59°		62.5°		65°				100	
105	57°		60.5°		63°				105	
110			58°		61°				110	
115					58.5°				115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	
160									160	