

Load Rating Chart

Model TC40159



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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	FULL 360°	10000	11
2	MAIN BOOM	100% EXTENDED	FULL 360°	8750	12
3	MAIN BOOM	100% EXTENDED	FULL 360°	7500	13
4	MAIN BOOM	100% EXTENDED	FULL 360°	6250	14
5	MAIN BOOM	100% EXTENDED	FULL 360°	5000	15
6	MAIN BOOM	100% EXTENDED	FULL 360°	3750	16
7	MAIN BOOM	100% EXTENDED	FULL 360°	2500	17
8	MAIN BOOM	100% EXTENDED	FULL 360°	1250	18
9	MAIN BOOM	100% EXTENDED	FULL 360°	0	19
10	MAIN BOOM	100% EXTENDED	OVER REAR	10000	20
11	MAIN BOOM	100% EXTENDED	OVER REAR	8750	21
12	MAIN BOOM	100% EXTENDED	OVER REAR	7500	22
13	MAIN BOOM	100% EXTENDED	OVER REAR	6250	23
14	MAIN BOOM	100% EXTENDED	OVER REAR	5000	24
15	MAIN BOOM	100% EXTENDED	OVER REAR	3750	25
16	MAIN BOOM	100% EXTENDED	OVER REAR	2500	26
17	MAIN BOOM	100% EXTENDED	OVER REAR	1250	27
18	MAIN BOOM	100% EXTENDED	OVER REAR	0	28
19	MAIN BOOM	68% EXTENDED	FULL 360°	10000	29
20	MAIN BOOM	68% EXTENDED	FULL 360°	8750	30
21	MAIN BOOM	68% EXTENDED	FULL 360°	7500	31
22	MAIN BOOM	68% EXTENDED	FULL 360°	6250	32
23	MAIN BOOM	68% EXTENDED	FULL 360°	5000	33
24	MAIN BOOM	68% EXTENDED	FULL 360°	3750	34
25	MAIN BOOM	68% EXTENDED	FULL 360°	2500	35
26	MAIN BOOM	68% EXTENDED	FULL 360°	1250	36
27	MAIN BOOM	68% EXTENDED	FULL 360°	0	37
28	MAIN BOOM	68% EXTENDED	OVER REAR	10000	38
29	MAIN BOOM	68% EXTENDED	OVER REAR	8750	39
30	MAIN BOOM	68% EXTENDED	OVER REAR	7500	40
31	MAIN BOOM	68% EXTENDED	OVER REAR	6250	41
32	MAIN BOOM	68% EXTENDED	OVER REAR	5000	42
33	MAIN BOOM	68% EXTENDED	OVER REAR	3750	43
34	MAIN BOOM	68% EXTENDED	OVER REAR	2500	44
35	MAIN BOOM	68% EXTENDED	OVER REAR	1250	45
36	MAIN BOOM	68% EXTENDED	OVER REAR	0	46
37	MAIN BOOM	50% EXTENDED	FULL 360°	10000	47
38	MAIN BOOM	50% EXTENDED	FULL 360°	8750	48
39	MAIN BOOM	50% EXTENDED	FULL 360°	7500	49
40	MAIN BOOM	50% EXTENDED	FULL 360°	6250	50
41	MAIN BOOM	50% EXTENDED	FULL 360°	5000	51
42	MAIN BOOM	50% EXTENDED	FULL 360°	3750	52
43	MAIN BOOM	50% EXTENDED	FULL 360°	2500	53
44	MAIN BOOM	50% EXTENDED	FULL 360°	1250	54

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
45	MAIN BOOM	50% EXTENDED	FULL 360°	0	55
46	MAIN BOOM	50% EXTENDED	OVER REAR	10000	56
47	MAIN BOOM	50% EXTENDED	OVER REAR	8750	57
48	MAIN BOOM	50% EXTENDED	OVER REAR	7500	58
49	MAIN BOOM	50% EXTENDED	OVER REAR	6250	59
50	MAIN BOOM	50% EXTENDED	OVER REAR	5000	60
51	MAIN BOOM	50% EXTENDED	OVER REAR	3750	61
52	MAIN BOOM	50% EXTENDED	OVER REAR	2500	62
53	MAIN BOOM	50% EXTENDED	OVER REAR	1250	63
54	MAIN BOOM	50% EXTENDED	OVER REAR	0	64
55	MAIN BOOM	RETRACTED	FULL 360°	10000	65
56	MAIN BOOM	RETRACTED	FULL 360°	8750	66
57	MAIN BOOM	RETRACTED	FULL 360°	7500	67
58	MAIN BOOM	RETRACTED	FULL 360°	6250	68
59	MAIN BOOM	RETRACTED	FULL 360°	5000	69
60	MAIN BOOM	RETRACTED	FULL 360°	3750	70
61	MAIN BOOM	RETRACTED	FULL 360°	2500	71
62	MAIN BOOM	RETRACTED	FULL 360°	1250	72
63	MAIN BOOM	RETRACTED	FULL 360°	0	73
100	FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	10000	74
101	FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	8750	75
102	FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	7500	76
103	FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	6250	77
104	FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	5000	78
105	FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	3750	79
106	FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	2500	80
107	FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	1250	81
108	FIXED JIB 0° OFFSET	100% EXTENDED	FULL 360°	0	82
110	FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	10000	74
111	FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	8750	75
112	FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	7500	76
113	FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	6250	77
114	FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	5000	78
115	FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	3750	79
116	FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	2500	80
117	FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	1250	81
118	FIXED JIB 15° OFFSET	100% EXTENDED	FULL 360°	0	82
120	FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	10000	74
121	FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	8750	75
122	FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	7500	76
123	FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	6250	77
124	FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	5000	78
125	FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	3750	79
126	FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	2500	80
127	FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	1250	81
128	FIXED JIB 30° OFFSET	100% EXTENDED	FULL 360°	0	82

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
130----	FIXED JIB 0° OFFSET-----	100% EXTENDED-----	OVER REAR-----	10000-----	83
131----	FIXED JIB 0° OFFSET-----	100% EXTENDED-----	OVER REAR-----	8750-----	84
132----	FIXED JIB 0° OFFSET-----	100% EXTENDED-----	OVER REAR-----	7500-----	85
133----	FIXED JIB 0° OFFSET-----	100% EXTENDED-----	OVER REAR-----	6250-----	86
134----	FIXED JIB 0° OFFSET-----	100% EXTENDED-----	OVER REAR-----	5000-----	87
135----	FIXED JIB 0° OFFSET-----	100% EXTENDED-----	OVER REAR-----	3750-----	88
136----	FIXED JIB 0° OFFSET-----	100% EXTENDED-----	OVER REAR-----	2500-----	89
137----	FIXED JIB 0° OFFSET-----	100% EXTENDED-----	OVER REAR-----	1250-----	90
138----	FIXED JIB 0° OFFSET-----	100% EXTENDED-----	OVER REAR-----	0-----	91
140----	FIXED JIB 15° OFFSET-----	100% EXTENDED-----	OVER REAR-----	10000-----	83
141----	FIXED JIB 15° OFFSET-----	100% EXTENDED-----	OVER REAR-----	8750-----	84
142----	FIXED JIB 15° OFFSET-----	100% EXTENDED-----	OVER REAR-----	7500-----	85
143----	FIXED JIB 15° OFFSET-----	100% EXTENDED-----	OVER REAR-----	6250-----	86
144----	FIXED JIB 15° OFFSET-----	100% EXTENDED-----	OVER REAR-----	5000-----	87
145----	FIXED JIB 15° OFFSET-----	100% EXTENDED-----	OVER REAR-----	3750-----	88
146----	FIXED JIB 15° OFFSET-----	100% EXTENDED-----	OVER REAR-----	2500-----	89
147----	FIXED JIB 15° OFFSET-----	100% EXTENDED-----	OVER REAR-----	1250-----	90
148----	FIXED JIB 15° OFFSET-----	100% EXTENDED-----	OVER REAR-----	0-----	91
150----	FIXED JIB 30° OFFSET-----	100% EXTENDED-----	OVER REAR-----	10000-----	83
151----	FIXED JIB 30° OFFSET-----	100% EXTENDED-----	OVER REAR-----	8750-----	84
152----	FIXED JIB 30° OFFSET-----	100% EXTENDED-----	OVER REAR-----	7500-----	85
153----	FIXED JIB 30° OFFSET-----	100% EXTENDED-----	OVER REAR-----	6250-----	86
154----	FIXED JIB 30° OFFSET-----	100% EXTENDED-----	OVER REAR-----	5000-----	87
155----	FIXED JIB 30° OFFSET-----	100% EXTENDED-----	OVER REAR-----	3750-----	88
156----	FIXED JIB 30° OFFSET-----	100% EXTENDED-----	OVER REAR-----	2500-----	89
157----	FIXED JIB 30° OFFSET-----	100% EXTENDED-----	OVER REAR-----	1250-----	90
158----	FIXED JIB 30° OFFSET-----	100% EXTENDED-----	OVER REAR-----	0-----	91
200----	FIXED JIB 0° OFFSET-----	68% EXTENDED-----	FULL 360°-----	10000-----	92
201----	FIXED JIB 0° OFFSET-----	68% EXTENDED-----	FULL 360°-----	8750-----	93
202----	FIXED JIB 0° OFFSET-----	68% EXTENDED-----	FULL 360°-----	7500-----	94
203----	FIXED JIB 0° OFFSET-----	68% EXTENDED-----	FULL 360°-----	6250-----	95
204----	FIXED JIB 0° OFFSET-----	68% EXTENDED-----	FULL 360°-----	5000-----	96
205----	FIXED JIB 0° OFFSET-----	68% EXTENDED-----	FULL 360°-----	3750-----	97
206----	FIXED JIB 0° OFFSET-----	68% EXTENDED-----	FULL 360°-----	2500-----	98
207----	FIXED JIB 0° OFFSET-----	68% EXTENDED-----	FULL 360°-----	1250-----	99
208----	FIXED JIB 0° OFFSET-----	68% EXTENDED-----	FULL 360°-----	0-----	100
210----	FIXED JIB 15° OFFSET-----	68% EXTENDED-----	FULL 360°-----	10000-----	92
211----	FIXED JIB 15° OFFSET-----	68% EXTENDED-----	FULL 360°-----	8750-----	93
212----	FIXED JIB 15° OFFSET-----	68% EXTENDED-----	FULL 360°-----	7500-----	94
213----	FIXED JIB 15° OFFSET-----	68% EXTENDED-----	FULL 360°-----	6250-----	95
214----	FIXED JIB 15° OFFSET-----	68% EXTENDED-----	FULL 360°-----	5000-----	96
215----	FIXED JIB 15° OFFSET-----	68% EXTENDED-----	FULL 360°-----	3750-----	97
216----	FIXED JIB 15° OFFSET-----	68% EXTENDED-----	FULL 360°-----	2500-----	98
217----	FIXED JIB 15° OFFSET-----	68% EXTENDED-----	FULL 360°-----	1250-----	99
218----	FIXED JIB 15° OFFSET-----	68% EXTENDED-----	FULL 360°-----	0-----	100
220----	FIXED JIB 30° OFFSET-----	68% EXTENDED-----	FULL 360°-----	10000-----	92
221----	FIXED JIB 30° OFFSET-----	68% EXTENDED-----	FULL 360°-----	8750-----	93
222----	FIXED JIB 30° OFFSET-----	68% EXTENDED-----	FULL 360°-----	7500-----	94

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
223----	FIXED JIB 30° OFFSET-----	68% EXTENDED-----	FULL 360°-----	6250-----	95
224----	FIXED JIB 30° OFFSET-----	68% EXTENDED-----	FULL 360°-----	5000-----	96
225----	FIXED JIB 30° OFFSET-----	68% EXTENDED-----	FULL 360°-----	3750-----	97
226----	FIXED JIB 30° OFFSET-----	68% EXTENDED-----	FULL 360°-----	2500-----	98
227----	FIXED JIB 30° OFFSET-----	68% EXTENDED-----	FULL 360°-----	1250-----	99
228----	FIXED JIB 30° OFFSET-----	68% EXTENDED-----	FULL 360°-----	0-----	100
230----	FIXED JIB 0° OFFSET-----	68% EXTENDED-----	OVER REAR-----	10000-----	101
231----	FIXED JIB 0° OFFSET-----	68% EXTENDED-----	OVER REAR-----	8750-----	102
232----	FIXED JIB 0° OFFSET-----	68% EXTENDED-----	OVER REAR-----	7500-----	103
233----	FIXED JIB 0° OFFSET-----	68% EXTENDED-----	OVER REAR-----	6250-----	104
234----	FIXED JIB 0° OFFSET-----	68% EXTENDED-----	OVER REAR-----	5000-----	105
235----	FIXED JIB 0° OFFSET-----	68% EXTENDED-----	OVER REAR-----	3750-----	106
236----	FIXED JIB 0° OFFSET-----	68% EXTENDED-----	OVER REAR-----	2500-----	107
237----	FIXED JIB 0° OFFSET-----	68% EXTENDED-----	OVER REAR-----	1250-----	108
238----	FIXED JIB 0° OFFSET-----	68% EXTENDED-----	OVER REAR-----	0-----	109
240----	FIXED JIB 15° OFFSET-----	68% EXTENDED-----	OVER REAR-----	10000-----	101
241----	FIXED JIB 15° OFFSET-----	68% EXTENDED-----	OVER REAR-----	8750-----	102
242----	FIXED JIB 15° OFFSET-----	68% EXTENDED-----	OVER REAR-----	7500-----	103
243----	FIXED JIB 15° OFFSET-----	68% EXTENDED-----	OVER REAR-----	6250-----	104
244----	FIXED JIB 15° OFFSET-----	68% EXTENDED-----	OVER REAR-----	5000-----	105
245----	FIXED JIB 15° OFFSET-----	68% EXTENDED-----	OVER REAR-----	3750-----	106
246----	FIXED JIB 15° OFFSET-----	68% EXTENDED-----	OVER REAR-----	2500-----	107
247----	FIXED JIB 15° OFFSET-----	68% EXTENDED-----	OVER REAR-----	1250-----	108
248----	FIXED JIB 15° OFFSET-----	68% EXTENDED-----	OVER REAR-----	0-----	109
250----	FIXED JIB 30° OFFSET-----	68% EXTENDED-----	OVER REAR-----	10000-----	101
251----	FIXED JIB 30° OFFSET-----	68% EXTENDED-----	OVER REAR-----	8750-----	102
252----	FIXED JIB 30° OFFSET-----	68% EXTENDED-----	OVER REAR-----	7500-----	103
253----	FIXED JIB 30° OFFSET-----	68% EXTENDED-----	OVER REAR-----	6250-----	104
254----	FIXED JIB 30° OFFSET-----	68% EXTENDED-----	OVER REAR-----	5000-----	105
255----	FIXED JIB 30° OFFSET-----	68% EXTENDED-----	OVER REAR-----	3750-----	106
256----	FIXED JIB 30° OFFSET-----	68% EXTENDED-----	OVER REAR-----	2500-----	107
257----	FIXED JIB 30° OFFSET-----	68% EXTENDED-----	OVER REAR-----	1250-----	108
258----	FIXED JIB 30° OFFSET-----	68% EXTENDED-----	OVER REAR-----	0-----	109
300----	FIXED JIB 0° OFFSET-----	50% EXTENDED-----	FULL 360°-----	10000-----	110
301----	FIXED JIB 0° OFFSET-----	50% EXTENDED-----	FULL 360°-----	8750-----	111
302----	FIXED JIB 0° OFFSET-----	50% EXTENDED-----	FULL 360°-----	7500-----	112
303----	FIXED JIB 0° OFFSET-----	50% EXTENDED-----	FULL 360°-----	6250-----	113
304----	FIXED JIB 0° OFFSET-----	50% EXTENDED-----	FULL 360°-----	5000-----	114
305----	FIXED JIB 0° OFFSET-----	50% EXTENDED-----	FULL 360°-----	3750-----	115
306----	FIXED JIB 0° OFFSET-----	50% EXTENDED-----	FULL 360°-----	2500-----	116
307----	FIXED JIB 0° OFFSET-----	50% EXTENDED-----	FULL 360°-----	1250-----	117
308----	FIXED JIB 0° OFFSET-----	50% EXTENDED-----	FULL 360°-----	0-----	118
310----	FIXED JIB 15° OFFSET-----	50% EXTENDED-----	FULL 360°-----	10000-----	110
311----	FIXED JIB 15° OFFSET-----	50% EXTENDED-----	FULL 360°-----	8750-----	111
312----	FIXED JIB 15° OFFSET-----	50% EXTENDED-----	FULL 360°-----	7500-----	112
313----	FIXED JIB 15° OFFSET-----	50% EXTENDED-----	FULL 360°-----	6250-----	113
314----	FIXED JIB 15° OFFSET-----	50% EXTENDED-----	FULL 360°-----	5000-----	114
315----	FIXED JIB 15° OFFSET-----	50% EXTENDED-----	FULL 360°-----	3750-----	115
316----	FIXED JIB 15° OFFSET-----	50% EXTENDED-----	FULL 360°-----	2500-----	116

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
317	FIXED JIB 15° OFFSET	50% EXTENDED	FULL 360°	1250	117
318	FIXED JIB 15° OFFSET	50% EXTENDED	FULL 360°	0	118
320	FIXED JIB 30° OFFSET	50% EXTENDED	FULL 360°	10000	110
321	FIXED JIB 30° OFFSET	50% EXTENDED	FULL 360°	8750	111
322	FIXED JIB 30° OFFSET	50% EXTENDED	FULL 360°	7500	112
323	FIXED JIB 30° OFFSET	50% EXTENDED	FULL 360°	6250	113
324	FIXED JIB 30° OFFSET	50% EXTENDED	FULL 360°	5000	114
325	FIXED JIB 30° OFFSET	50% EXTENDED	FULL 360°	3750	115
326	FIXED JIB 30° OFFSET	50% EXTENDED	FULL 360°	2500	116
327	FIXED JIB 30° OFFSET	50% EXTENDED	FULL 360°	1250	117
328	FIXED JIB 30° OFFSET	50% EXTENDED	FULL 360°	0	118
330	FIXED JIB 0° OFFSET	50% EXTENDED	OVER REAR	10000	119
331	FIXED JIB 0° OFFSET	50% EXTENDED	OVER REAR	8750	120
332	FIXED JIB 0° OFFSET	50% EXTENDED	OVER REAR	7500	121
333	FIXED JIB 0° OFFSET	50% EXTENDED	OVER REAR	6250	122
334	FIXED JIB 0° OFFSET	50% EXTENDED	OVER REAR	5000	123
335	FIXED JIB 0° OFFSET	50% EXTENDED	OVER REAR	3750	124
336	FIXED JIB 0° OFFSET	50% EXTENDED	OVER REAR	2500	125
337	FIXED JIB 0° OFFSET	50% EXTENDED	OVER REAR	1250	126
338	FIXED JIB 0° OFFSET	50% EXTENDED	OVER REAR	0	127
340	FIXED JIB 15° OFFSET	50% EXTENDED	OVER REAR	10000	119
341	FIXED JIB 15° OFFSET	50% EXTENDED	OVER REAR	8750	120
342	FIXED JIB 15° OFFSET	50% EXTENDED	OVER REAR	7500	121
343	FIXED JIB 15° OFFSET	50% EXTENDED	OVER REAR	6250	122
344	FIXED JIB 15° OFFSET	50% EXTENDED	OVER REAR	5000	123
345	FIXED JIB 15° OFFSET	50% EXTENDED	OVER REAR	3750	124
346	FIXED JIB 15° OFFSET	50% EXTENDED	OVER REAR	2500	125
347	FIXED JIB 15° OFFSET	50% EXTENDED	OVER REAR	1250	126
348	FIXED JIB 15° OFFSET	50% EXTENDED	OVER REAR	0	127
350	FIXED JIB 30° OFFSET	50% EXTENDED	OVER REAR	10000	119
351	FIXED JIB 30° OFFSET	50% EXTENDED	OVER REAR	8750	120
352	FIXED JIB 30° OFFSET	50% EXTENDED	OVER REAR	7500	121
353	FIXED JIB 30° OFFSET	50% EXTENDED	OVER REAR	6250	122
354	FIXED JIB 30° OFFSET	50% EXTENDED	OVER REAR	5000	123
355	FIXED JIB 30° OFFSET	50% EXTENDED	OVER REAR	3750	124
356	FIXED JIB 30° OFFSET	50% EXTENDED	OVER REAR	2500	125
357	FIXED JIB 30° OFFSET	50% EXTENDED	OVER REAR	1250	126
358	FIXED JIB 30° OFFSET	50% EXTENDED	OVER REAR	0	127

WARNING

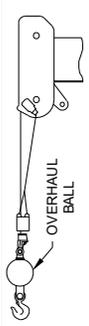
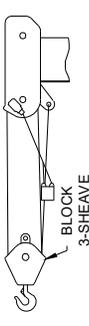
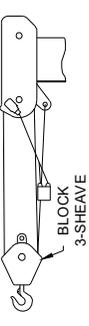
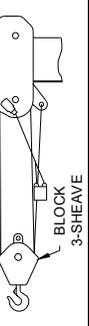
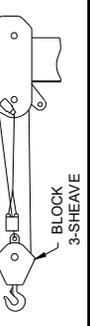
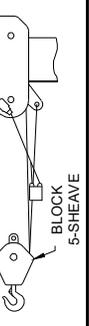
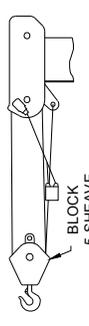
1. THE OPERATOR MUST READ AND UNDERSTAND THE OWNER'S MANUAL BEFORE OPERATING THIS CRANE.
2. POSITIONING OR OPERATION OF CRANE BEYOND AREAS SHOWN ON THIS CHART IS NOT INTENDED OR APPROVED EXCEPT WHERE SPECIFIED IN OWNER'S MANUAL. SHADED LOADS ARE STABILITY LIMITED.
3. LOADED BOOM ANGLES AT SPECIFIED BOOM 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

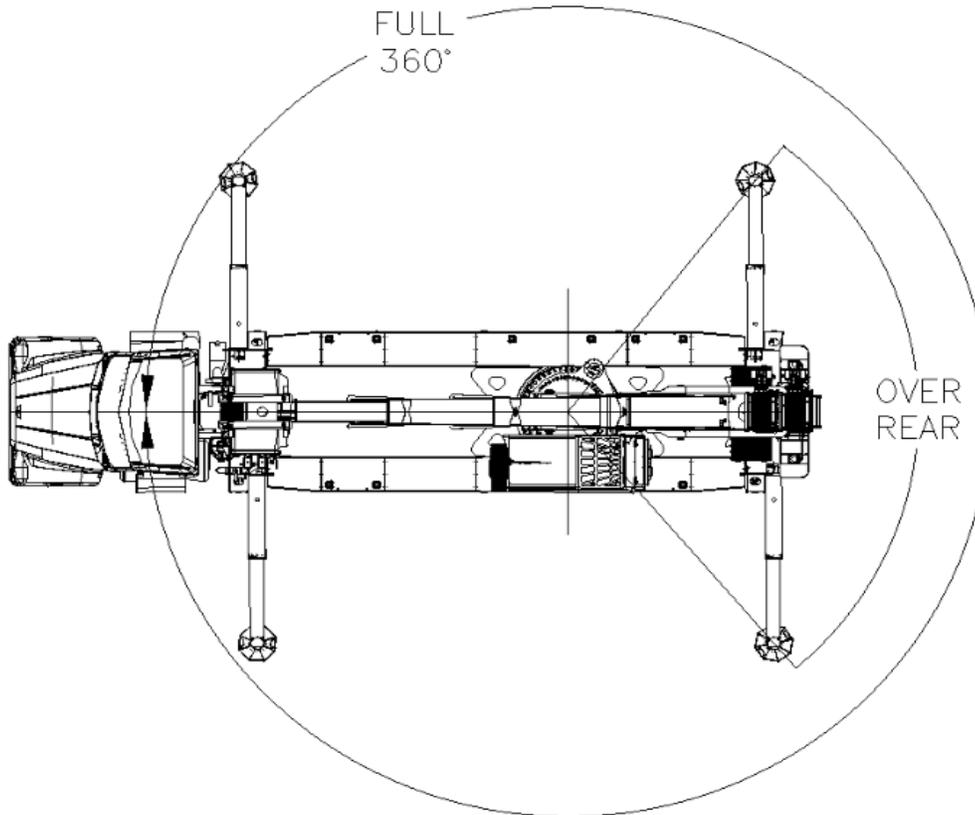
1. DEDUCTIONS MUST BE MADE FROM RATED LOADS FOR JIB, OPTIONAL ATTACHMENTS, HOOKS AND LOADBLOCKS (SEE DEDUCTION CHART). WEIGHTS OF SLINGS AND ALL OTHER LOAD HANDLING DEVICES SHALL BE CONSIDERED AS PART OF THE LOAD.
2. LOAD RATINGS ABOVE THE HEAVY LINE ARE STRUCTURALLY LIMITED CAPACITIES. LOAD RATINGS 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	11 PART LINE	
											
12230 LBS	24460 LBS	36690 LBS	48920 LBS	61150 LBS	73380 LBS	80000 LBS	80000 LBS	80000 LBS	80000 LBS	80000 LBS	
											ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE. REFER TO THE OWNER'S MANUAL. KEEP AT LEAST 3 WRAPS OF LOAD LINE ON THE DRUM AT ALL TIMES. 16mm ROT RESISTANT (5:1 SF) 61,150 LBS MIN BREAKING STRENGTH

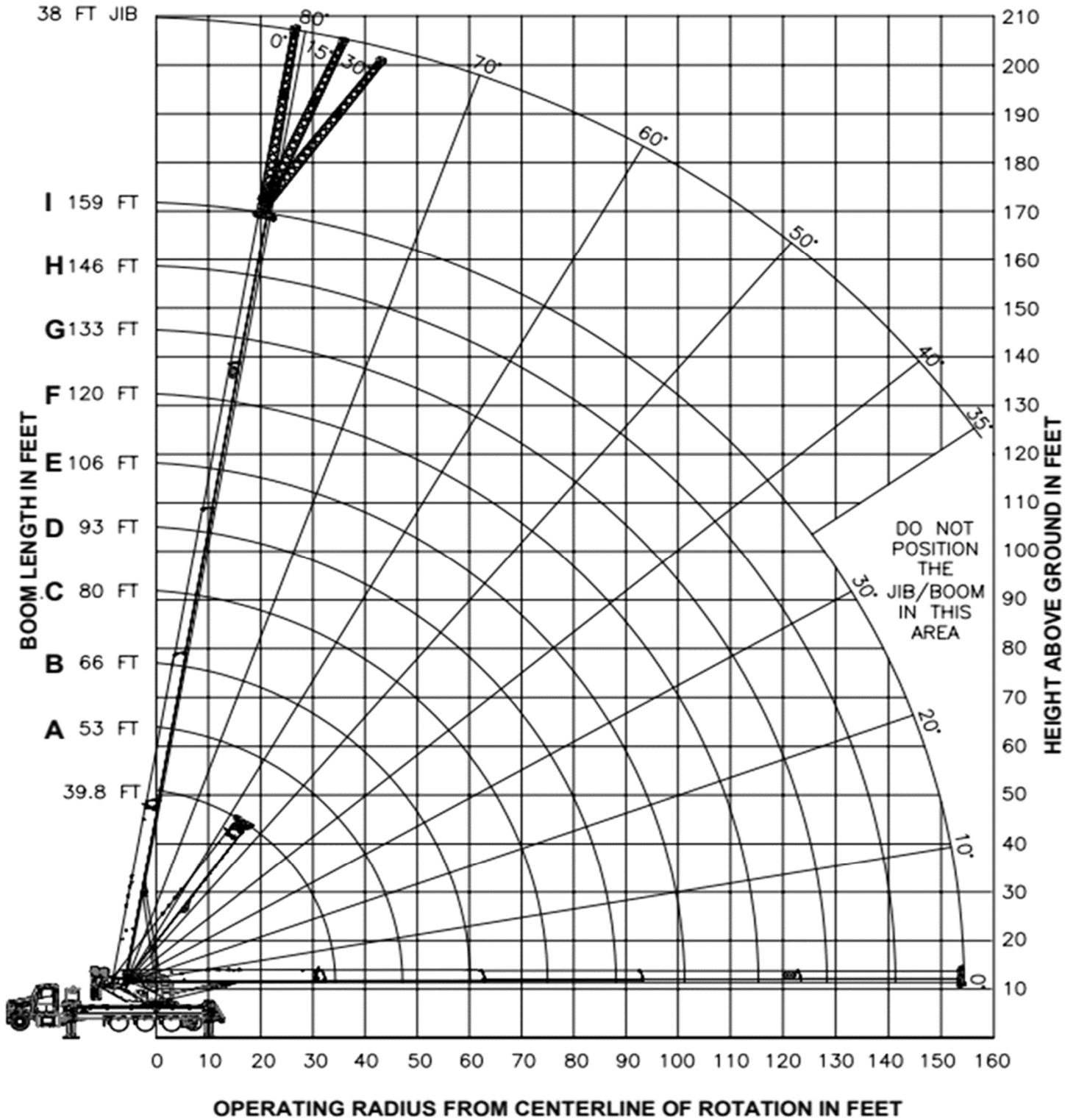
AREA OF OPERATIONS

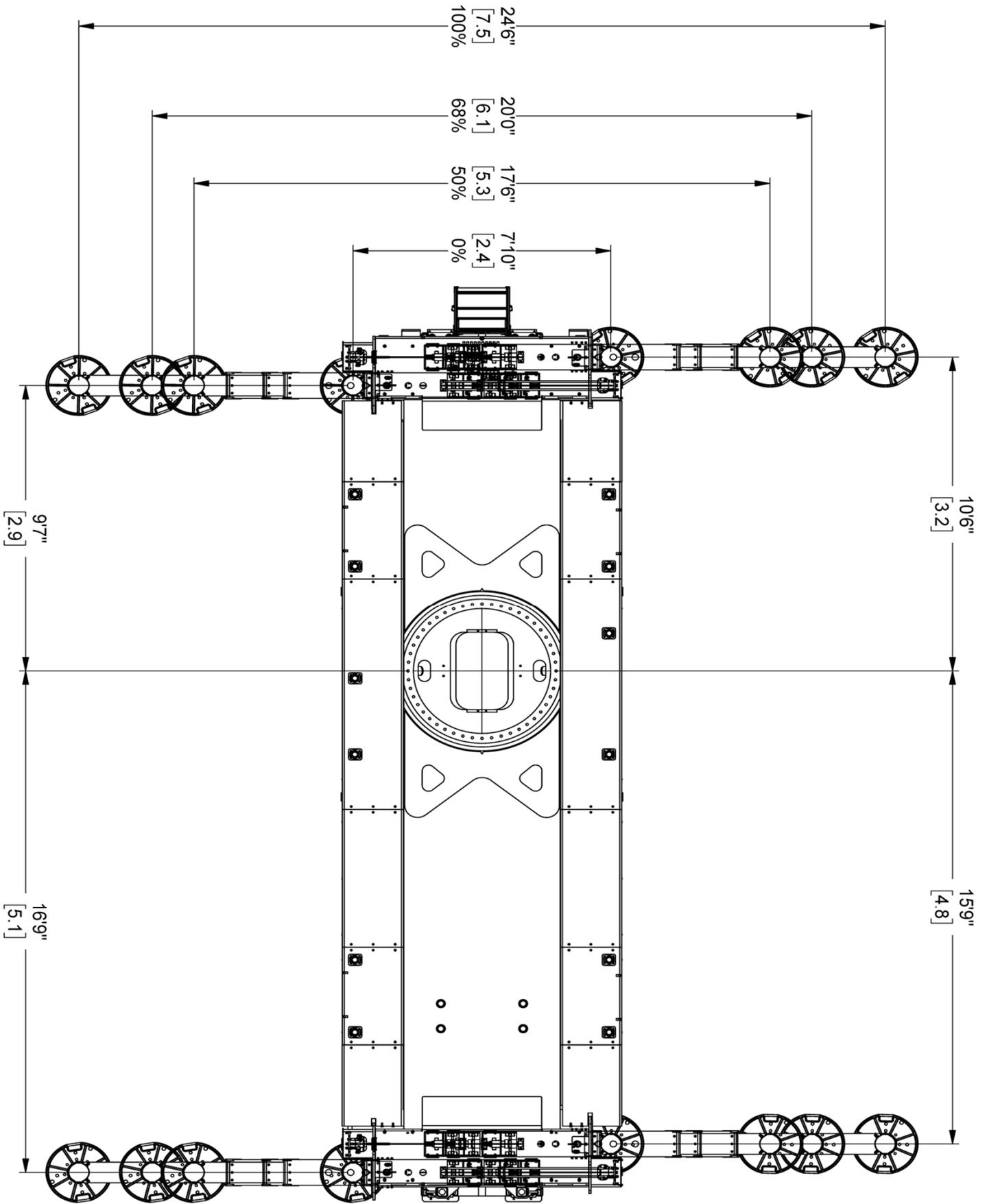


DEDUCTIONS FROM RATED LOADS FOR LOAD HANDLING DEVICES SUPPLIED BY MANITEX

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

- RANGE DIAGRAM -

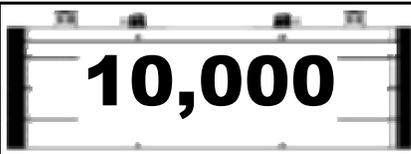




Dimensions are in feet [meters] unless otherwise specified

CODE 1

MAIN BOOM

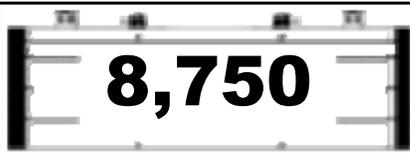


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	65100	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	50200	55°	51000	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	40000	48°	41000	58°	40500	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	33700	53°	34300	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	27360	47°	28110	56°	27250	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	21670	40°	22460	52°	23030	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	18280	47°	18830	55°	18740	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50
55					24°	15050	42°	15600	51°	16010	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450	55
60					5°	12370	36°	13040	47°	13430	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780	60
65							29°	10940	42°	11330	50°	11570	56°	9960	61°	9030	64°	8130	68°	7140	65
70							20°	9180	37°	9590	46°	9900	53°	9100	58°	8250	62°	7430	65°	6560	70
75									31°	8110	42°	8420	50°	8300	55°	7530	60°	6780	63°	6010	75
80									24°	6840	38°	7150	47°	7450	53°	6870	57°	6190	61°	5500	80
85									14°	5700	33°	6050	43°	6340	50°	6280	55°	5670	59°	5020	85
90											27°	5080	39°	5380	47°	5630	52°	5160	57°	4560	90
95											20°	4210	35°	4520	44°	4760	50°	4690	54°	4150	95
100													30°	3750	40°	3990	47°	4230	52°	3760	100
105													25°	3050	36°	3300	44°	3530	50°	3400	105
110													17°	2400	32°	2680	41°	2900	47°	3050	110
115															27°	2100	37°	2320	44°	2530	115
120															22°	1560	34°	1800	41°	2000	120
125															13°	1040	29°	1320	38°	1520	125
130																25°	860	35°	1070	130	130
135																					135
140																					140
	0°	22990	0°	14920	0°	10250	0°	6840	0°	4600	0°	2910	0°	1430							
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 2

MAIN BOOM

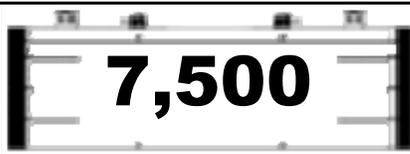


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000																6	
8	70°	80000	76°	58000	79°	58000														8	
10	67°	80000	73°	58000	77°	58000	80°	58000												10	
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400										12	
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500								15	
20	50°	64400	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490						20	
25	40°	49700	55°	50500	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000		25	
30	26°	39600	48°	40600	58°	40500	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	33400	53°	33900	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	26460	47°	27210	56°	27250	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	20900	40°	21700	52°	22260	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	17620	47°	18170	55°	18600	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50
55					24°	14460	42°	15020	51°	15420	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450	55
60					5°	11850	36°	12520	47°	12910	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780	60
65							29°	10470	42°	10860	50°	11160	56°	9960	61°	9030	64°	8130	68°	7140	65
70							20°	8750	37°	9160	46°	9470	53°	9100	58°	8250	62°	7430	65°	6560	70
75									31°	7720	42°	8020	50°	8300	55°	7530	60°	6780	63°	6010	75
80									24°	6470	38°	6790	47°	7080	53°	6870	57°	6190	61°	5500	80
85									14°	5350	33°	5710	43°	6000	50°	6260	55°	5670	59°	5020	85
90											27°	4760	39°	5060	47°	5310	52°	5160	57°	4560	90
95											20°	3910	35°	4220	44°	4460	50°	4690	54°	4150	95
100													30°	3470	40°	3710	47°	3940	52°	3760	100
105													25°	2780	36°	3030	44°	3260	50°	3400	105
110													17°	2150	32°	2420	41°	2640	47°	2860	110
115															27°	1860	37°	2080	44°	2290	115
120															22°	1330	34°	1570	41°	1770	120
125															13°	820	29°	1100	38°	1300	125
130																			35°	860	130
135																					135
140																					140
	0°	22990	0°	14920	0°	10250	0°	6840	0°	4600	0°	2810	0°	1230							
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 3

MAIN BOOM

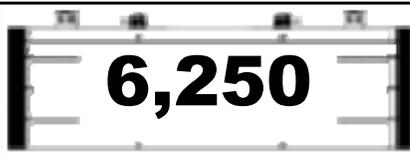


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	63800	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	49100	55°	50000	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	39200	48°	40100	58°	40500	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	33000	53°	33600	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	25560	47°	26310	56°	26930	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	20140	40°	20930	52°	21500	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	16960	47°	17500	55°	17940	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50
55					24°	13880	42°	14430	51°	14840	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450	55
60					5°	11320	36°	11990	47°	12380	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780	60
65							29°	10000	42°	10390	50°	10690	56°	9960	61°	9030	64°	8130	68°	7140	65
70							20°	8320	37°	8720	46°	9030	53°	9100	58°	8250	62°	7430	65°	6560	70
75									31°	7320	42°	7630	50°	7930	55°	7530	60°	6780	63°	6010	75
80									24°	6100	38°	6420	47°	6710	53°	6870	57°	6190	61°	5500	80
85									14°	5010	33°	5370	43°	5650	50°	5920	55°	5670	59°	5020	85
90											27°	4440	39°	4740	47°	4990	52°	5160	57°	4560	90
95											20°	3600	35°	3920	44°	4160	50°	4400	54°	4150	95
100													30°	3180	40°	3420	47°	3660	52°	3760	100
105													25°	2510	36°	2760	44°	2990	50°	3210	105
110													17°	1890	32°	2170	41°	2390	47°	2600	110
115															27°	1610	37°	1840	44°	2050	115
120															22°	1100	34°	1330	41°	1540	120
125																29°	870	38°	1070	125	
130																					130
135																					135
140																					140
	0°	22990	0°	14920	0°	10250	0°	6840	0°	4280	0°	2460	0°	1040							
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 4

MAIN BOOM

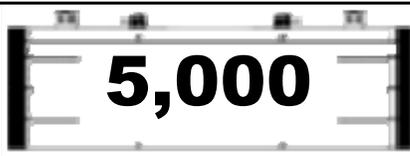


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	63100	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	48600	55°	49500	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	38700	48°	39700	58°	40300	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	32100	53°	32900	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	24660	47°	25410	56°	26030	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	19380	40°	20170	52°	20740	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	16300	47°	16840	55°	17270	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50
55					24°	13300	42°	13850	51°	14250	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450	55
60					5°	10800	36°	11470	47°	11860	54°	12180	59°	10940	63°	9880	67°	8880	70°	7780	60
65							29°	9520	42°	9910	50°	10220	56°	9960	61°	9030	64°	8130	68°	7140	65
70							20°	7890	37°	8290	46°	8600	53°	8910	58°	8250	62°	7430	65°	6560	70
75									31°	6920	42°	7230	50°	7530	55°	7530	60°	6780	63°	6010	75
80									24°	5730	38°	6050	47°	6340	53°	6620	57°	6190	61°	5500	80
85									14°	4670	33°	5020	43°	5310	50°	5580	55°	5670	59°	5020	85
90											27°	4120	39°	4420	47°	4660	52°	4920	57°	4560	90
95											20°	3300	35°	3620	44°	3860	50°	4100	54°	4150	95
100													30°	2900	40°	3140	47°	3370	52°	3600	100
105													25°	2240	36°	2490	44°	2720	50°	2940	105
110													17°	1640	32°	1910	41°	2130	47°	2350	110
115															27°	1370	37°	1590	44°	1800	115
120															22°	870	34°	1100	41°	1310	120
125																			38°	850	125
130																					130
135																					135
140																					140
	0°	22990	0°	14920	0°	10250	0°	6400	0°	3870	0°	2120	0°	740							
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 5

MAIN BOOM

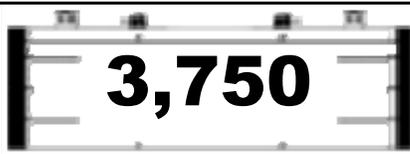


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	62500	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	48100	55°	48900	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	38300	48°	39300	58°	39800	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	31000	53°	31800	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	23760	47°	24510	56°	25130	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	18620	40°	19410	52°	19980	58°	20420	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	15630	47°	16180	55°	16610	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50
55					24°	12710	42°	13270	51°	13670	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450	55
60					5°	10280	36°	10950	47°	11340	54°	11660	59°	10940	63°	9880	67°	8880	70°	7780	60
65							29°	9050	42°	9440	50°	9740	56°	9960	61°	9030	64°	8130	68°	7140	65
70							20°	7450	37°	7860	46°	8170	53°	8480	58°	8250	62°	7430	65°	6560	70
75									31°	6520	42°	6830	50°	7130	55°	7420	60°	6780	63°	6010	75
80									24°	5360	38°	5680	47°	5970	53°	6250	57°	6190	61°	5500	80
85									14°	4320	33°	4680	43°	4970	50°	5230	55°	5500	59°	5020	85
90											27°	3800	39°	4100	47°	4340	52°	4600	57°	4560	90
95											20°	3000	35°	3310	44°	3560	50°	3800	54°	4040	95
100													30°	2610	40°	2860	47°	3090	52°	3320	100
105													25°	1980	36°	2220	44°	2450	50°	2670	105
110													17°	1380	32°	1660	41°	1880	47°	2090	110
115															27°	1130	37°	1350	44°	1560	115
120																34°	870	41°	1080	120	
125																					125
130																					130
135																					135
140																					140
	0°	22990	0°	14920	0°	10120	0°	5900	0°	3460	0°	1770									
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 6

MAIN BOOM

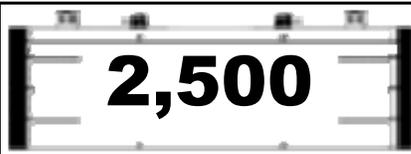


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	61800	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	47600	55°	48400	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	37900	48°	38800	58°	39400	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	29950	53°	30700	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	22860	47°	23610	56°	24230	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	17850	40°	18650	52°	19220	58°	19660	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	14970	47°	15520	55°	15950	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50
55					24°	12130	42°	12680	51°	13090	57°	13430	62°	12020	66°	10840	69°	9720	71°	8450	55
60					5°	9750	36°	10420	47°	10810	54°	11140	59°	10940	63°	9880	67°	8880	70°	7780	60
65							29°	8580	42°	8970	50°	9270	56°	9610	61°	9030	64°	8130	68°	7140	65
70							20°	7020	37°	7430	46°	7740	53°	8050	58°	8250	62°	7430	65°	6560	70
75									31°	6120	42°	6430	50°	6730	55°	7030	60°	6780	63°	6010	75
80									24°	4990	38°	5310	47°	5600	53°	5880	57°	6160	61°	5500	80
85									14°	3980	33°	4340	43°	4630	50°	4890	55°	5160	59°	5020	85
90											27°	3480	39°	3780	47°	4020	52°	4270	57°	4530	90
95											20°	2700	35°	3010	44°	3260	50°	3500	54°	3740	95
100													30°	2330	40°	2570	47°	2800	52°	3040	100
105													25°	1710	36°	1960	44°	2180	50°	2400	105
110													17°	1130	32°	1400	41°	1620	47°	1840	110
115															27°	890	37°	1110	44°	1320	115
120																			41°	850	120
125																					125
130																					130
135																					135
140																					140
	0°	22990	0°	14920	0°	9460	0°	5400	0°	3050	0°	1420									
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 7

MAIN BOOM

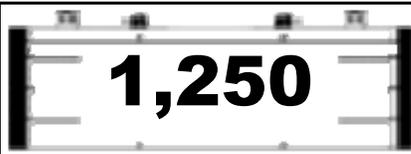


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000																6	
8	70°	80000	76°	58000	79°	58000														8	
10	67°	80000	73°	58000	77°	58000	80°	58000												10	
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400										12	
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500								15	
20	50°	61200	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490						20	
25	40°	47000	55°	47900	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000		25	
30	26°	37400	48°	38400	58°	39000	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	28860	53°	29640	61°	30300	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	21960	47°	22710	56°	23330	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	17090	40°	17880	52°	18450	58°	18900	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	14310	47°	14860	55°	15290	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50
55					24°	11540	42°	12100	51°	12500	57°	12840	62°	12020	66°	10840	69°	9720	71°	8450	55
60					5°	9230	36°	9900	47°	10290	54°	10610	59°	10940	63°	9880	67°	8880	70°	7780	60
65							29°	8110	42°	8490	50°	8800	56°	9140	61°	9030	64°	8130	68°	7140	65
70							20°	6590	37°	7000	46°	7310	53°	7620	58°	7930	62°	7430	65°	6560	70
75									31°	5730	42°	6030	50°	6330	55°	6630	60°	6780	63°	6010	75
80									24°	4620	38°	4940	47°	5230	53°	5510	57°	5790	61°	5500	80
85									14°	3640	33°	3990	43°	4280	50°	4550	55°	4810	59°	5020	85
90											27°	3150	39°	3460	47°	3700	52°	3950	57°	4210	90
95											20°	2400	35°	2710	44°	2950	50°	3200	54°	3440	95
100													30°	2040	40°	2290	47°	2520	52°	2750	100
105													25°	1440	36°	1690	44°	1910	50°	2140	105
110													17°	870	32°	1150	41°	1360	47°	1580	110
115																37°	870	44°	1070		115
120																					120
125																					125
130																					130
135																					135
140																					140
	0°	22990	0°	14920	0°	8800	0°	4900	0°	2640	0°	1080									
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 8

MAIN BOOM

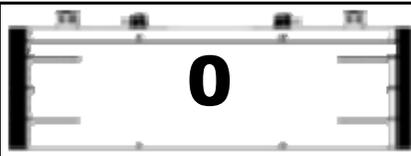


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000																6	
8	70°	80000	76°	58000	79°	58000														8	
10	67°	80000	73°	58000	77°	58000	80°	58000												10	
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400										12	
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500								15	
20	50°	60500	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490						20	
25	40°	46500	55°	47400	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000		25	
30	26°	36700	48°	37900	58°	38500	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	
35			40°	27760	53°	28550	61°	29230	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	
40			31°	21060	47°	21810	56°	22430	62°	22910	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	
45			17°	16330	40°	17120	52°	17690	58°	18130	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	
50					33°	13650	47°	14200	55°	14630	60°	14990	65°	13020	68°	11930	71°	10620	73°	9000	
55					24°	10960	42°	11510	51°	11920	57°	12260	62°	12020	66°	10840	69°	9720	71°	8450	
60					5°	8710	36°	9380	47°	9770	54°	10090	59°	10450	63°	9880	67°	8880	70°	7780	
65							29°	7630	42°	8020	50°	8320	56°	8670	61°	9000	64°	8130	68°	7140	
70							20°	6160	37°	6560	46°	6870	53°	7190	58°	7500	62°	7430	65°	6560	
75									31°	5330	42°	5640	50°	5940	55°	6230	60°	6530	63°	6010	
80									24°	4260	38°	4570	47°	4870	53°	5140	57°	5420	61°	5500	
85									14°	3290	33°	3650	43°	3940	50°	4200	55°	4470	59°	4750	
90											27°	2830	39°	3130	47°	3380	52°	3630	57°	3890	
95											20°	2090	35°	2410	44°	2650	50°	2890	54°	3140	
100													30°	1760	40°	2000	47°	2230	52°	2470	
105													25°	1170	36°	1420	44°	1640	50°	1870	
110															32°	890	41°	1110	47°	1320	
115																			44°	830	
120																					120
125																					125
130																					130
135																					135
140																					140
	0°	22990	0°	14480	0°	8140	0°	4390	0°	2230	0°	730									
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 9

MAIN BOOM

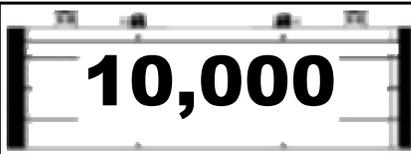


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	59900	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	46000	55°	46900	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	35300	48°	36700	58°	37600	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	26660	53°	27450	61°	28130	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	20160	47°	20910	56°	21530	62°	22010	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	15570	40°	16360	52°	16930	58°	17370	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	12990	47°	13540	55°	13970	60°	14330	65°	13020	68°	11930	71°	10620	73°	9000	50
55					24°	10380	42°	10930	51°	11330	57°	11670	62°	12020	66°	10840	69°	9720	71°	8450	55
60					5°	8190	36°	8860	47°	9250	54°	9570	59°	9930	63°	9880	67°	8880	70°	7780	60
65							29°	7160	42°	7550	50°	7850	56°	8190	61°	8530	64°	8130	68°	7140	65
70							20°	5730	37°	6130	46°	6440	53°	6750	58°	7070	62°	7400	65°	6560	70
75									31°	4930	42°	5240	50°	5540	55°	5830	60°	6130	63°	6010	75
80									24°	3890	38°	4210	47°	4500	53°	4780	57°	5060	61°	5360	80
85									14°	2950	33°	3310	43°	3600	50°	3860	55°	4130	59°	4410	85
90											27°	2510	39°	2810	47°	3060	52°	3310	57°	3570	90
95											20°	1790	35°	2110	44°	2350	50°	2590	54°	2830	95
100													30°	1480	40°	1720	47°	1950	52°	2180	100
105													25°	900	36°	1150	44°	1370	50°	1600	105
110																	41°	850	47°	1070	110
115																					115
120																					120
125																					125
130																					130
135																					135
140																					140
	0°	22990	0°	13670	0°	7470	0°	3890	0°	1820											
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 10

MAIN BOOM



RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000																6	
8	70°	80000	76°	58000	79°	58000														8	
10	67°	80000	73°	58000	77°	58000	80°	58000												10	
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400										12	
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500								15	
20	50°	65100	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490						20	
25	40°	50200	55°	51000	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000		25	
30	26°	40000	48°	41000	58°	40500	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	33700	53°	34300	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	28270	47°	28850	56°	27250	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	23880	40°	24540	52°	24510	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	21050	47°	21520	55°	18740	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50
55					24°	17740	42°	18260	51°	17030	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450	55
60					5°	13030	36°	15550	47°	15540	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780	60
65							29°	13310	42°	13680	50°	11570	56°	9960	61°	9030	64°	8130	68°	7140	65
70							20°	11420	37°	11810	46°	10590	53°	9100	58°	8250	62°	7430	65°	6560	70
75									31°	10210	42°	9700	50°	8300	55°	7530	60°	6780	63°	6010	75
80									24°	8820	38°	8890	47°	7580	53°	6870	57°	6190	61°	5500	80
85									14°	7590	33°	7930	43°	6940	50°	6280	55°	5670	59°	5020	85
90											27°	6870	39°	6350	47°	5720	52°	5160	57°	4560	90
95											20°	5910	35°	5790	44°	5200	50°	4690	54°	4150	95
100													30°	5300	40°	4740	47°	4250	52°	3760	100
105													25°	4600	36°	4300	44°	3840	50°	3400	105
110													17°	3890	32°	3900	41°	3460	47°	3050	110
115															27°	3520	37°	3100	44°	2720	115
120															22°	2930	34°	2770	41°	2410	120
125															13°	2360	29°	2460	38°	2110	125
130																	25°	2120	35°	1820	130
135																	18°	1640	31°	1540	135
140																			27°	1280	140
145																			22°	1000	145
	0°	22990	0°	14920	0°	10250	0°	6840	0°	4600	0°	2910	0°	1430							
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 11

MAIN BOOM

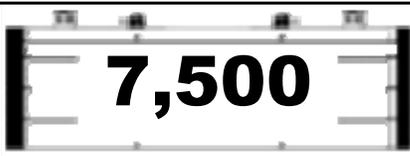


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	64400	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	49700	55°	50500	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	39600	48°	40600	58°	40500	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	33400	53°	33900	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	27930	47°	28520	56°	27250	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	23590	40°	24240	52°	24510	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	20560	47°	21070	55°	18740	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50
55					24°	17230	42°	17760	51°	17030	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450	55
60					5°	13030	36°	15090	47°	15460	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780	60
65							29°	12900	42°	13270	50°	11570	56°	9960	61°	9030	64°	8130	68°	7140	65
70							20°	11040	37°	11430	46°	10590	53°	9100	58°	8250	62°	7430	65°	6560	70
75									31°	9860	42°	9700	50°	8300	55°	7530	60°	6780	63°	6010	75
80									24°	8500	38°	8810	47°	7580	53°	6870	57°	6190	61°	5500	80
85									14°	7280	33°	7630	43°	6940	50°	6280	55°	5670	59°	5020	85
90											27°	6580	39°	6350	47°	5720	52°	5160	57°	4560	90
95											20°	5650	35°	5790	44°	5200	50°	4690	54°	4150	95
100													30°	5120	40°	4740	47°	4250	52°	3760	100
105													25°	4360	36°	4300	44°	3840	50°	3400	105
110													17°	3660	32°	3900	41°	3460	47°	3050	110
115															27°	3310	37°	3100	44°	2720	115
120															22°	2720	34°	2770	41°	2410	120
125															13°	2160	29°	2430	38°	2110	125
130																25°	1940	35°	1820	130	
135																18°	1460	31°	1540	135	
140																		27°	1270	140	
145																		22°	860	145	
	0°	22990	0°	14920	0°	10250	0°	6840	0°	4600	0°	2810	0°	1230							
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 12

MAIN BOOM

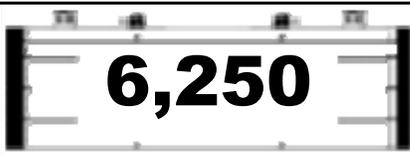


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000																6	
8	70°	80000	76°	58000	79°	58000														8	
10	67°	80000	73°	58000	77°	58000	80°	58000												10	
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400										12	
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500								15	
20	50°	63800	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490						20	
25	40°	49100	55°	50000	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000		25	
30	26°	39200	48°	40100	58°	40500	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	33000	53°	33600	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	27600	47°	28190	56°	27250	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	23290	40°	23950	52°	24410	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	19990	47°	20510	55°	18740	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50
55					24°	16730	42°	17250	51°	17030	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450	55
60					5°	13030	36°	14640	47°	15010	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780	60
65							29°	12490	42°	12860	50°	11570	56°	9960	61°	9030	64°	8130	68°	7140	65
70							20°	10660	37°	11050	46°	10590	53°	9100	58°	8250	62°	7430	65°	6560	70
75									31°	9510	42°	9700	50°	8300	55°	7530	60°	6780	63°	6010	75
80									24°	8180	38°	8480	47°	7580	53°	6870	57°	6190	61°	5500	80
85									14°	6980	33°	7330	43°	6940	50°	6280	55°	5670	59°	5020	85
90											27°	6300	39°	6350	47°	5720	52°	5160	57°	4560	90
95											20°	5380	35°	5680	44°	5200	50°	4690	54°	4150	95
100													30°	4870	40°	4740	47°	4250	52°	3760	100
105													25°	4130	36°	4300	44°	3840	50°	3400	105
110													17°	3440	32°	3710	41°	3460	47°	3050	110
115															27°	3090	37°	3100	44°	2720	115
120															22°	2520	34°	2750	41°	2410	120
125															13°	1960	29°	2240	38°	2110	125
130																	25°	1750	35°	1820	130
135																	18°	1280	31°	1510	135
140																			27°	1090	140
145																					145
	0°	22990	0°	14920	0°	10250	0°	6840	0°	4280	0°	2460	0°	1040							
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 13

MAIN BOOM

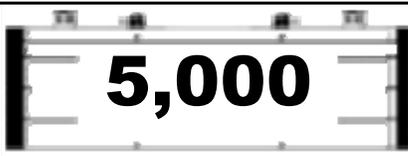


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)				
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT				
6	73°	80000	78°	58000															6				
8	70°	80000	76°	58000	79°	58000													8				
10	67°	80000	73°	58000	77°	58000	80°	58000											10				
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12				
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15				
20	50°	63100	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20				
25	40°	48600	55°	49500	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25				
30	26°	38700	48°	39700	58°	40300	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30		
35			40°	32600	53°	33200	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35		
40			31°	27270	47°	27860	56°	27250	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40		
45			17°	22770	40°	23500	52°	24030	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45		
50					33°	19430	47°	19940	55°	18740	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50		
55					24°	16230	42°	16750	51°	17030	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450	55		
60					5°	13030	36°	14190	47°	14560	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780	60		
65							29°	12080	42°	12440	50°	11570	56°	9960	61°	9030	64°	8130	68°	7140	65		
70							20°	10290	37°	10670	46°	10590	53°	9100	58°	8250	62°	7430	65°	6560	70		
75									31°	9170	42°	9460	50°	8300	55°	7530	60°	6780	63°	6010	75		
80									24°	7850	38°	8160	47°	7580	53°	6870	57°	6190	61°	5500	80		
85									14°	6680	33°	7020	43°	6940	50°	6280	55°	5670	59°	5020	85		
90											27°	6020	39°	6310	47°	5720	52°	5160	57°	4560	90		
95													20°	5110	35°	5420	44°	5200	50°	4690	54°	4150	95
100															30°	4620	40°	4740	47°	4250	52°	3760	100
105															25°	3890	36°	4130	44°	3840	50°	3400	105
110															17°	3210	32°	3480	41°	3460	47°	3050	110
115																	27°	2880	37°	3090	44°	2720	115
120																	22°	2310	34°	2540	41°	2410	120
125																	13°	1770	29°	2040	38°	2110	125
130																		25°	1560	35°	1760	130	
135																		18°	1100	31°	1320	135	
140																				27°	920	140	
145																						145	
	0°	22990	0°	14920	0°	10250	0°	6400	0°	3870	0°	2120	0°	740									
STOWED		910		650		510		420		350		310		270		240		220		200			
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830			

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 14

MAIN BOOM

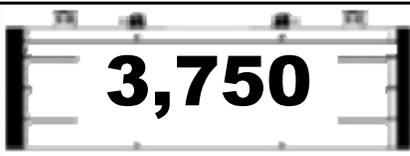


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000																6	
8	70°	80000	76°	58000	79°	58000														8	
10	67°	80000	73°	58000	77°	58000	80°	58000												10	
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400										12	
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500								15	
20	50°	62500	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490						20	
25	40°	48100	55°	48900	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000		25	
30	26°	38300	48°	39300	58°	39800	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	32200	53°	32800	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	26940	47°	27530	56°	27250	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	22120	40°	22860	52°	23380	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	18860	47°	19380	55°	18740	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50
55					24°	15730	42°	16250	51°	16630	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450	55
60					5°	13030	36°	13740	47°	14110	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780	60
65							29°	11660	42°	12030	50°	11570	56°	9960	61°	9030	64°	8130	68°	7140	65
70							20°	9910	37°	10300	46°	10590	53°	9100	58°	8250	62°	7430	65°	6560	70
75									31°	8820	42°	9110	50°	8300	55°	7530	60°	6780	63°	6010	75
80									24°	7530	38°	7840	47°	7580	53°	6870	57°	6190	61°	5500	80
85									14°	6380	33°	6720	43°	6940	50°	6280	55°	5670	59°	5020	85
90											27°	5740	39°	6030	47°	5720	52°	5160	57°	4560	90
95											20°	4850	35°	5150	44°	5200	50°	4690	54°	4150	95
100													30°	4370	40°	4600	47°	4250	52°	3760	100
105													25°	3650	36°	3890	44°	3840	50°	3400	105
110													17°	2980	32°	3250	41°	3460	47°	3050	110
115															27°	2660	37°	2880	44°	2720	115
120															22°	2110	34°	2340	41°	2410	120
125															13°	1570	29°	1840	38°	2040	125
130																	25°	1370	35°	1570	130
135																	18°	920	31°	1140	135
140																			27°	740	140
145																					145
	0°	22990	0°	14920	0°	10120	0°	5900	0°	3460	0°	1770									
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 15

MAIN BOOM

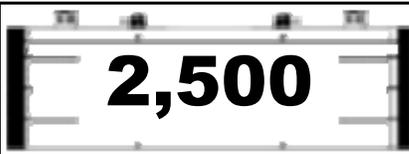


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)			
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT			
6	73°	80000	78°	58000																6		
8	70°	80000	76°	58000	79°	58000														8		
10	67°	80000	73°	58000	77°	58000	80°	58000												10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400										12		
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500								15		
20	50°	61800	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490						20		
25	40°	47600	55°	48400	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000		25		
30	26°	37900	48°	38800	58°	39400	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30	
35			40°	31900	53°	32400	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35	
40			31°	26610	47°	27200	56°	27250	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40	
45			17°	21470	40°	22210	52°	22740	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45	
50					33°	18300	47°	18810	55°	18740	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50	
55					24°	15220	42°	15750	51°	16130	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450	55	
60					5°	12650	36°	13280	47°	13650	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780	60	
65							29°	11250	42°	11620	50°	11570	56°	9960	61°	9030	64°	8130	68°	7140	65	
70							20°	9530	37°	9920	46°	10220	53°	9100	58°	8250	62°	7430	65°	6560	70	
75									31°	8470	42°	8760	50°	8300	55°	7530	60°	6780	63°	6010	75	
80									24°	7210	38°	7510	47°	7580	53°	6870	57°	6190	61°	5500	80	
85									14°	6080	33°	6420	43°	6700	50°	6280	55°	5670	59°	5020	85	
90											27°	5450	39°	5740	47°	5720	52°	5160	57°	4560	90	
95											20°	4580	35°	4890	44°	5120	50°	4690	54°	4150	95	
100													30°	4110	40°	4350	47°	4250	52°	3760	100	
105														25°	3410	36°	3650	44°	3840	50°	3400	105
110														17°	2760	32°	3030	41°	3240	47°	3050	110
115																27°	2450	37°	2660	44°	2720	115
120																22°	1900	34°	2130	41°	2330	120
125																13°	1370	29°	1650	38°	1840	125
130																	25°	1180	35°	1390	130	
135																	18°	740	31°	960	135	
140																					140	
145																					145	
	0°	22990	0°	14920	0°	9460	0°	5400	0°	3050	0°	1420										
STOWED		910		650		510		420		350		310		270		240		220		200		
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830		

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 16

MAIN BOOM

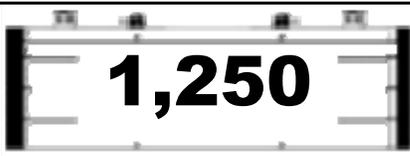


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT			
6	73°	80000	78°	58000																		6
8	70°	80000	76°	58000	79°	58000																8
10	67°	80000	73°	58000	77°	58000	80°	58000														10
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400												12
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500										15
20	50°	61200	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490								20
25	40°	47000	55°	47900	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000				25
30	26°	37400	48°	38400	58°	39000	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450		30
35			40°	31500	53°	32000	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500		35
40			31°	25950	47°	26650	56°	27210	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500		40
45			17°	20830	40°	21560	52°	22090	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500		45
50					33°	17730	47°	18240	55°	18650	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000		50
55					24°	14720	42°	15240	51°	15630	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450		55
60					5°	12190	36°	12830	47°	13200	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780		60
65							29°	10840	42°	11210	50°	11500	56°	9960	61°	9030	64°	8130	68°	7140		65
70							20°	9160	37°	9540	46°	9840	53°	9100	58°	8250	62°	7430	65°	6560		70
75									31°	8120	42°	8420	50°	8300	55°	7530	60°	6780	63°	6010		75
80									24°	6880	38°	7190	47°	7470	53°	6870	57°	6190	61°	5500		80
85									14°	5780	33°	6120	43°	6400	50°	6280	55°	5670	59°	5020		85
90											27°	5170	39°	5460	47°	5700	52°	5160	57°	4560		90
95											20°	4310	35°	4620	44°	4850	50°	4690	54°	4150		95
100													30°	3860	40°	4100	47°	4250	52°	3760		100
105													25°	3170	36°	3420	44°	3640	50°	3400		105
110													17°	2530	32°	2800	41°	3010	47°	3050		110
115															27°	2230	37°	2450	44°	2650		115
120															22°	1700	34°	1930	41°	2130		120
125															13°	1180	29°	1450	38°	1640		125
130																	25°	990	35°	1200		130
135																			31°	780		135
140																						140
145																						145
	0°	22990	0°	14920	0°	8800	0°	4900	0°	2640	0°	1080										
STOWED		910		650		510		420		350		310		270		240		220		200		
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830		

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 17

MAIN BOOM

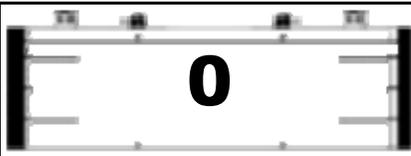


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000																6	
8	70°	80000	76°	58000	79°	58000														8	
10	67°	80000	73°	58000	77°	58000	80°	58000												10	
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400										12	
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500								15	
20	50°	60500	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490						20	
25	40°	46500	55°	47600	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000		25	
30	26°	37000	48°	37900	58°	38500	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	31100	53°	31700	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	25200	47°	25890	56°	26450	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	20180	40°	20920	52°	21450	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	17170	47°	17680	55°	18080	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50
55					24°	14220	42°	14740	51°	15120	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450	55
60					5°	11740	36°	12380	47°	12750	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780	60
65							29°	10430	42°	10800	50°	11090	56°	9960	61°	9030	64°	8130	68°	7140	65
70							20°	8780	37°	9170	46°	9460	53°	9100	58°	8250	62°	7430	65°	6560	70
75									31°	7770	42°	8070	50°	8300	55°	7530	60°	6780	63°	6010	75
80									24°	6560	38°	6870	47°	7150	53°	6870	57°	6190	61°	5500	80
85									14°	5470	33°	5820	43°	6100	50°	6280	55°	5670	59°	5020	85
90											27°	4890	39°	5180	47°	5420	52°	5160	57°	4560	90
95											20°	4050	35°	4350	44°	4590	50°	4690	54°	4150	95
100													30°	3610	40°	3850	47°	4070	52°	3760	100
105													25°	2940	36°	3180	44°	3400	50°	3400	105
110													17°	2310	32°	2580	41°	2790	47°	3000	110
115															27°	2010	37°	2230	44°	2430	115
120															22°	1490	34°	1720	41°	1920	120
125															13°	980	29°	1250	38°	1450	125
130																	25°	810	35°	1010	130
135																					135
140																					140
145																					145
	0°	22990	0°	14480	0°	8140	0°	4390	0°	2230	0°	730									
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 18

MAIN BOOM

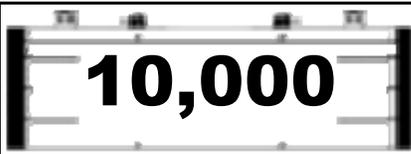


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT			
6	73°	80000	78°	58000																		6
8	70°	80000	76°	58000	79°	58000																8
10	67°	80000	73°	58000	77°	58000	80°	58000														10
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400												12
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500										15
20	50°	59900	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490								20
25	40°	46000	55°	46900	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000				25
30	26°	36500	48°	37500	58°	38100	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450		30
35			40°	30700	53°	31300	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500		35
40			31°	24450	47°	25140	56°	25700	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500		40
45			17°	19530	40°	20270	52°	20800	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500		45
50					33°	16600	47°	17110	55°	17520	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000		50
55					24°	13720	42°	14240	51°	14620	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450		55
60					5°	11290	36°	11930	47°	12300	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780		60
65							29°	10020	42°	10390	50°	10680	56°	9960	61°	9030	64°	8130	68°	7140		65
70							20°	8400	37°	8790	46°	9090	53°	9100	58°	8250	62°	7430	65°	6560		70
75									31°	7430	42°	7720	50°	8010	55°	7530	60°	6780	63°	6010		75
80									24°	6240	38°	6540	47°	6820	53°	6870	57°	6190	61°	5500		80
85									14°	5170	33°	5520	43°	5790	50°	6050	55°	5670	59°	5020		85
90											27°	4610	39°	4900	47°	5130	52°	5160	57°	4560		90
95											20°	3780	35°	4090	44°	4320	50°	4550	54°	4150		95
100													30°	3360	40°	3590	47°	3820	52°	3760		100
105													25°	2700	36°	2940	44°	3160	50°	3380		105
110													17°	2080	32°	2350	41°	2560	47°	2770		110
115															27°	1800	37°	2020	44°	2220		115
120															22°	1290	34°	1510	41°	1720		120
125															13°	780	29°	1060	38°	1250		125
130																			35°	820		130
135																						135
140																						140
145																						145
	0°	22990	0°	13670	0°	7470	0°	3890	0°	1820												
STOWED		910		650		510		420		350		310		270		240		220		200		
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830		

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 19

MAIN BOOM

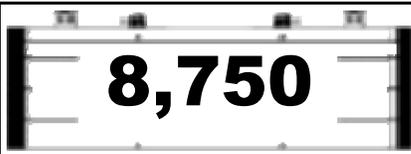


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	65100	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	44400	55°	45800	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	30700	48°	31900	58°	32700	65°	33400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	23650	53°	24350	61°	24950	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	18070	47°	18750	56°	19300	62°	19740	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	14020	40°	14740	52°	15260	58°	15660	63°	16030	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	11720	47°	12220	55°	12610	60°	12940	65°	13020	68°	11930	71°	10620	73°	9000	50
55					24°	9330	42°	9850	51°	10220	57°	10530	62°	10910	66°	10840	69°	9720	71°	8450	55
60					5°	7310	36°	7940	47°	8300	54°	8590	59°	8920	63°	9250	67°	8880	70°	7780	60
65							29°	6360	42°	6720	50°	7000	56°	7320	61°	7620	64°	7960	68°	7140	65
70							20°	5020	37°	5400	46°	5680	53°	5970	58°	6260	62°	6570	65°	6560	70
75									31°	4270	42°	4550	50°	4830	55°	5100	60°	5380	63°	5680	75
80									24°	3280	38°	3580	47°	3850	53°	4110	57°	4370	61°	4650	80
85									14°	2390	33°	2720	43°	2990	50°	3240	55°	3490	59°	3750	85
90											27°	1970	39°	2250	47°	2480	52°	2710	57°	2950	90
95											20°	1280	35°	1580	44°	1800	50°	2030	54°	2250	95
100													30°	970	40°	1200	47°	1410	52°	1630	100
105																	44°	860	50°	1070	105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135
140																					140
145																					145
	0°	22990	0°	12400	0°	7190	0°	3930	0°	1950											
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 20

MAIN BOOM

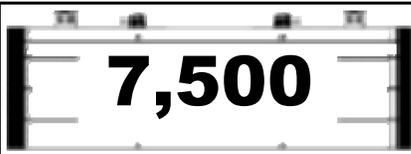


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000																6	
8	70°	80000	76°	58000	79°	58000														8	
10	67°	80000	73°	58000	77°	58000	80°	58000												10	
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400										12	
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500								15	
20	50°	64400	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490						20	
25	40°	43000	55°	44300	63°	45200	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000		25	
30	26°	29620	48°	30800	58°	31600	65°	32300	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	22790	53°	23490	61°	24090	66°	24580	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	17350	47°	18030	56°	18580	62°	19020	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	13400	40°	14120	52°	14640	58°	15040	63°	15420	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	11180	47°	11680	55°	12070	60°	12400	65°	12800	68°	11930	71°	10620	73°	9000	50
55					24°	8850	42°	9370	51°	9740	57°	10050	62°	10430	66°	10760	69°	9720	71°	8450	55
60					5°	6880	36°	7510	47°	7870	54°	8160	59°	8490	63°	8820	67°	8880	70°	7780	60
65							29°	5970	42°	6330	50°	6610	56°	6920	61°	7230	64°	7560	68°	7140	65
70							20°	4660	37°	5040	46°	5330	53°	5610	58°	5900	62°	6210	65°	6520	70
75									31°	3930	42°	4220	50°	4500	55°	4770	60°	5050	63°	5350	75
80									24°	2970	38°	3270	47°	3540	53°	3800	57°	4060	61°	4340	80
85									14°	2100	33°	2440	43°	2710	50°	2950	55°	3200	59°	3460	85
90											27°	1700	39°	1980	47°	2210	52°	2440	57°	2680	90
95											20°	1030	35°	1320	44°	1550	50°	1770	54°	2000	95
100													30°	730	40°	960	47°	1170	52°	1390	100
105																			50°	840	105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135
140																					140
145																					145
	0°	22620	0°	11820	0°	6760	0°	3590	0°	1670											
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 21

MAIN BOOM

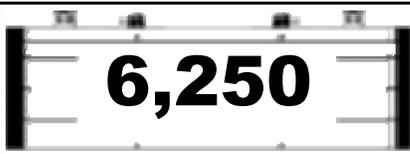


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	63800	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	41600	55°	42900	63°	43800	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	28540	48°	29810	58°	30500	65°	31200	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	21920	53°	22620	61°	23230	66°	23720	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	16630	47°	17310	56°	17860	62°	18300	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	12780	40°	13510	52°	14030	58°	14430	63°	14800	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	10640	47°	11140	55°	11530	60°	11860	65°	12260	68°	11930	71°	10620	73°	9000	50
55					24°	8370	42°	8890	51°	9260	57°	9570	62°	9950	66°	10280	69°	9720	71°	8450	55
60					5°	6450	36°	7070	47°	7430	54°	7730	59°	8060	63°	8390	67°	8750	70°	7780	60
65							29°	5570	42°	5930	50°	6220	56°	6530	61°	6840	64°	7170	68°	7140	65
70							20°	4300	37°	4680	46°	4970	53°	5250	58°	5540	62°	5850	65°	6160	70
75									31°	3600	42°	3890	50°	4170	55°	4440	60°	4710	63°	5020	75
80									24°	2660	38°	2960	47°	3230	53°	3490	57°	3750	61°	4030	80
85									14°	1820	33°	2150	43°	2420	50°	2660	55°	2910	59°	3170	85
90											27°	1430	39°	1710	47°	1940	52°	2170	57°	2410	90
95											20°	770	35°	1070	44°	1290	50°	1520	54°	1740	95
100															40°	720	47°	930	52°	1150	100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135
140																					140
145																					145
	0°	21720	0°	11240	0°	6330	0°	3260	0°	1390											
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 22

MAIN BOOM



RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	63100	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	40100	55°	41400	63°	42300	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	27460	48°	28730	58°	29490	65°	30100	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	21060	53°	21760	61°	22360	66°	22850	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	15910	47°	16590	56°	17140	62°	17580	66°	17990	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	12170	40°	12890	52°	13410	58°	13810	63°	14180	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	10100	47°	10600	55°	10990	60°	11320	65°	11720	68°	11930	71°	10620	73°	9000	50
55					24°	7890	42°	8410	51°	8780	57°	9090	62°	9470	66°	9800	69°	9720	71°	8450	55
60					5°	6020	36°	6640	47°	7000	54°	7300	59°	7630	63°	7960	67°	8320	70°	7780	60
65							29°	5180	42°	5540	50°	5820	56°	6140	61°	6450	64°	6780	68°	7120	65
70							20°	3940	37°	4320	46°	4610	53°	4890	58°	5180	62°	5490	65°	5800	70
75									31°	3270	42°	3560	50°	3840	55°	4110	60°	4380	63°	4680	75
80									24°	2360	38°	2650	47°	2920	53°	3180	57°	3440	61°	3720	80
85									14°	1530	33°	1860	43°	2130	50°	2380	55°	2620	59°	2880	85
90											27°	1160	39°	1440	47°	1670	52°	1900	57°	2140	90
95													35°	810	44°	1040	50°	1260	54°	1490	95
100																			52°	910	100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135
140																					140
145																					145
	0°	20820	0°	10670	0°	5900	0°	2920	0°	1110											
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 23

MAIN BOOM

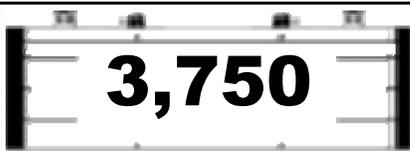


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	62500	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	38700	55°	40000	63°	40900	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	26380	48°	27650	58°	28410	65°	29100	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	20190	53°	20890	61°	21500	66°	21990	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	15190	47°	15870	56°	16420	62°	16860	66°	17270	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	11550	40°	12270	52°	12790	58°	13190	63°	13570	67°	14010	71°	12870	73°	11600	75°	9500	45
50					33°	9560	47°	10060	55°	10450	60°	10780	65°	11180	68°	11580	71°	10620	73°	9000	50
55					24°	7410	42°	7930	51°	8300	57°	8610	62°	8990	66°	9320	69°	9720	71°	8450	55
60					5°	5590	36°	6210	47°	6570	54°	6870	59°	7200	63°	7530	67°	7890	70°	7780	60
65							29°	4790	42°	5150	50°	5430	56°	5750	61°	6050	64°	6390	68°	6730	65
70							20°	3580	37°	3960	46°	4250	53°	4530	58°	4820	62°	5130	65°	5440	70
75									31°	2940	42°	3230	50°	3500	55°	3780	60°	4050	63°	4350	75
80									24°	2050	38°	2340	47°	2620	53°	2870	57°	3130	61°	3410	80
85									14°	1240	33°	1570	43°	1840	50°	2090	55°	2340	59°	2590	85
90											27°	890	39°	1170	47°	1400	52°	1630	57°	1870	90
95															44°	790	50°	1010	54°	1240	95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135
140																					140
145																					145
	0°	19920	0°	10090	0°	5470	0°	2580	0°	830											
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 24

MAIN BOOM

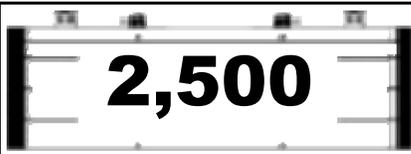


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	61000	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	37200	55°	38600	63°	39400	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	25300	48°	26570	58°	27330	65°	28020	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	19330	53°	20030	61°	20630	66°	21120	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	14470	47°	15150	56°	15700	62°	16140	66°	16550	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	10930	40°	11660	52°	12180	58°	12570	63°	12950	67°	13390	71°	12870	73°	11600	75°	9500	45
50					33°	9020	47°	9520	55°	9910	60°	10240	65°	10640	68°	11040	71°	10620	73°	9000	50
55					24°	6930	42°	7450	51°	7820	57°	8130	62°	8510	66°	8840	69°	9240	71°	8450	55
60					5°	5160	36°	5780	47°	6140	54°	6430	59°	6760	63°	7100	67°	7460	70°	7780	60
65							29°	4400	42°	4760	50°	5040	56°	5350	61°	5660	64°	5990	68°	6340	65
70							20°	3220	37°	3600	46°	3890	53°	4170	58°	4460	62°	4770	65°	5080	70
75									31°	2610	42°	2890	50°	3170	55°	3440	60°	3720	63°	4020	75
80									24°	1740	38°	2040	47°	2310	53°	2570	57°	2820	61°	3100	80
85									14°	950	33°	1290	43°	1560	50°	1800	55°	2050	59°	2310	85
90													39°	900	47°	1130	52°	1360	57°	1600	90
95																	50°	760	54°	980	95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135
140																					140
145																					145
	0°	19020	0°	9510	0°	5040	0°	2250													
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 25

MAIN BOOM

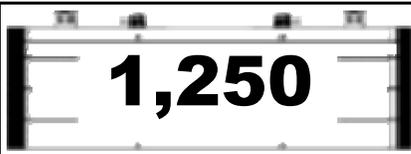


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	58900	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	35800	55°	37100	63°	38000	69°	38800	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	24220	48°	25490	58°	26250	65°	26940	69°	27510	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	18470	53°	19170	61°	19770	66°	20260	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	13750	47°	14430	56°	14980	62°	15420	66°	15830	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	10320	40°	11040	52°	11560	58°	11960	63°	12330	67°	12770	71°	12870	73°	11600	75°	9500	45
50					33°	8480	47°	8980	55°	9370	60°	9700	65°	10100	68°	10500	71°	10620	73°	9000	50
55					24°	6450	42°	6970	51°	7340	57°	7650	62°	8030	66°	8360	69°	8760	71°	8450	55
60					5°	4720	36°	5350	47°	5710	54°	6000	59°	6330	63°	6660	67°	7030	70°	7400	60
65							29°	4000	42°	4360	50°	4650	56°	4960	61°	5270	64°	5600	68°	5940	65
70							20°	2860	37°	3240	46°	3530	53°	3820	58°	4100	62°	4410	65°	4720	70
75									31°	2270	42°	2560	50°	2840	55°	3110	60°	3390	63°	3690	75
80									24°	1430	38°	1730	47°	2000	53°	2260	57°	2520	61°	2800	80
85											33°	1000	43°	1270	50°	1510	55°	1760	59°	2020	85
90															47°	860	52°	1090	57°	1330	90
95																			54°	730	95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135
140																					140
145																					145
	0°	18120	0°	8930	0°	4610	0°	1910													
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 26

MAIN BOOM

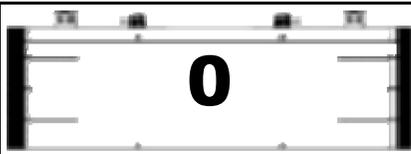


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	56700	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	34300	55°	35700	63°	36600	69°	37400	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	23140	48°	24410	58°	25170	65°	25860	69°	26420	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	17600	53°	18300	61°	18910	66°	19390	69°	19860	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	13030	47°	13710	56°	14260	62°	14700	66°	15110	70°	15610	73°	14190	75°	12500	77°	9500	40
45			17°	9700	40°	10420	52°	10940	58°	11340	63°	11720	67°	12160	71°	12630	73°	11600	75°	9500	45
50					33°	7940	47°	8440	55°	8830	60°	9160	65°	9560	68°	9960	71°	10390	73°	9000	50
55					24°	5970	42°	6490	51°	6860	57°	7170	62°	7550	66°	7880	69°	8280	71°	8450	55
60					5°	4290	36°	4910	47°	5280	54°	5570	59°	5900	63°	6230	67°	6600	70°	6970	60
65							29°	3610	42°	3970	50°	4250	56°	4570	61°	4880	64°	5210	68°	5550	65
70							20°	2500	37°	2880	46°	3170	53°	3460	58°	3740	62°	4050	65°	4360	70
75									31°	1940	42°	2230	50°	2510	55°	2780	60°	3050	63°	3350	75
80									24°	1120	38°	1420	47°	1690	53°	1950	57°	2210	61°	2490	80
85											33°	710	43°	980	50°	1230	55°	1470	59°	1730	85
90																	52°	820	57°	1060	90
95																					95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135
140																					140
145																					145
	0°	17220	0°	8350	0°	4180	0°	1580													
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 27

MAIN BOOM

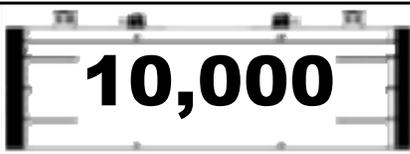


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	54500	61°	56100	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	32900	55°	34200	63°	35100	69°	36000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	22060	48°	23330	58°	24090	65°	24780	69°	25340	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	16740	53°	17440	61°	18040	66°	18530	69°	19000	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	12310	47°	12990	56°	13540	62°	13980	66°	14390	70°	14890	73°	14190	75°	12500	77°	9500	40
45			17°	9080	40°	9810	52°	10320	58°	10720	63°	11100	67°	11540	71°	12020	73°	11600	75°	9500	45
50					33°	7400	47°	7900	55°	8290	60°	8620	65°	9020	68°	9420	71°	9850	73°	9000	50
55					24°	5490	42°	6010	51°	6380	57°	6690	62°	7070	66°	7400	69°	7800	71°	8210	55
60					5°	3860	36°	4480	47°	4840	54°	5140	59°	5470	63°	5800	67°	6160	70°	6540	60
65							29°	3220	42°	3580	50°	3860	56°	4180	61°	4480	64°	4820	68°	5160	65
70							20°	2140	37°	2520	46°	2810	53°	3100	58°	3380	62°	3690	65°	4010	70
75									31°	1610	42°	1900	50°	2180	55°	2450	60°	2720	63°	3020	75
80									24°	810	38°	1110	47°	1380	53°	1640	57°	1900	61°	2180	80
85															50°	940	55°	1180	59°	1440	85
90																		57°	790	90	
95																					95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135
140																					140
145																					145
	0°	16320	0°	7770	0°	3750	0°	1240													
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 28

MAIN BOOM

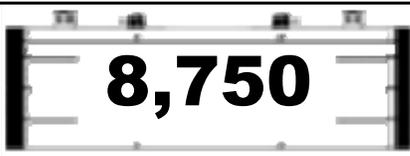


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT			
6	73°	80000	78°	58000																		6
8	70°	80000	76°	58000	79°	58000																8
10	67°	80000	73°	58000	77°	58000	80°	58000														10
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400												12
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500										15
20	50°	65100	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490								20
25	40°	50200	55°	51000	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000				25
30	26°	40000	48°	41000	58°	40500	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450		30
35			40°	33700	53°	34300	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500		35
40			31°	28200	47°	28850	56°	27250	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500		40
45			17°	22700	40°	23420	52°	23940	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500		45
50					33°	19310	47°	19820	55°	18740	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000		50
55					24°	16090	42°	16600	51°	16970	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450		55
60					5°	13030	36°	14020	47°	14380	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780		60
65							29°	11890	42°	12250	50°	11570	56°	9960	61°	9030	64°	8130	68°	7140		65
70							20°	10090	37°	10470	46°	10590	53°	9100	58°	8250	62°	7430	65°	6560		70
75									31°	8950	42°	9230	50°	8300	55°	7530	60°	6780	63°	6010		75
80									24°	7630	38°	7920	47°	7580	53°	6870	57°	6190	61°	5500		80
85									14°	6450	33°	6780	43°	6940	50°	6280	55°	5670	59°	5020		85
90											27°	5770	39°	6050	47°	5720	52°	5160	57°	4560		90
95											20°	4860	35°	5150	44°	5200	50°	4690	54°	4150		95
100													30°	4350	40°	4580	47°	4250	52°	3760		100
105													25°	3620	36°	3850	44°	3840	50°	3400		105
110													17°	2940	32°	3200	41°	3400	47°	3050		110
115															27°	2590	37°	2800	44°	2720		115
120															22°	2030	34°	2250	41°	2410		120
125															13°	1480	29°	1750	38°	1930		125
130																25°	1270	35°	1460			130
135																18°	810	31°	1020			135
140																						140
145																						145
	0°	22990	0°	12400	0°	7190	0°	3930														
STOWED		910		650		510		420		350		310		270		240		220		200		
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830		

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 29

MAIN BOOM

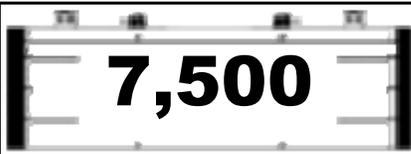


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)			
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT			
6	73°	80000	78°	58000															6			
8	70°	80000	76°	58000	79°	58000													8			
10	67°	80000	73°	58000	77°	58000	80°	58000											10			
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12			
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15			
20	50°	64400	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20			
25	40°	49700	55°	50500	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25			
30	26°	39600	48°	40600	58°	40500	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30	
35			40°	33400	53°	33900	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35	
40			31°	27480	47°	28160	56°	27250	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40	
45			17°	22080	40°	22810	52°	23330	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45	
50					33°	18780	47°	19280	55°	18740	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50	
55					24°	15610	42°	16120	51°	16500	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450	55	
60					5°	12970	36°	13590	47°	13950	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780	60	
65							29°	11500	42°	11860	50°	11570	56°	9960	61°	9030	64°	8130	68°	7140	65	
70							20°	9730	37°	10110	46°	10390	53°	9100	58°	8250	62°	7430	65°	6560	70	
75									31°	8620	42°	8900	50°	8300	55°	7530	60°	6780	63°	6010	75	
80									24°	7320	38°	7620	47°	7580	53°	6870	57°	6190	61°	5500	80	
85									14°	6160	33°	6490	43°	6760	50°	6280	55°	5670	59°	5020	85	
90											27°	5500	39°	5780	47°	5720	52°	5160	57°	4560	90	
95											20°	4610	35°	4900	44°	5130	50°	4690	54°	4150	95	
100													30°	4110	40°	4340	47°	4250	52°	3760	100	
105														25°	3390	36°	3630	44°	3840	50°	3400	105
110														17°	2720	32°	2980	41°	3190	47°	3050	110
115																27°	2390	37°	2600	44°	2720	115
120																22°	1830	34°	2050	41°	2250	120
125																13°	1300	29°	1560	38°	1750	125
130																	25°	1090	35°	1280	130	
135																			31°	850	135	
140																					140	
145																					145	
	0°	22620	0°	11820	0°	6760	0°	3590	0°	1670												
STOWED		910		650		510		420		350		310		270		240		220		200		
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830		

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 30

MAIN BOOM

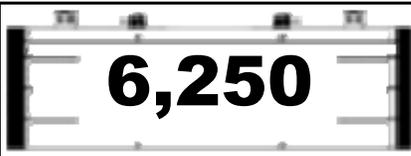


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT			
6	73°	80000	78°	58000																		6
8	70°	80000	76°	58000	79°	58000																8
10	67°	80000	73°	58000	77°	58000	80°	58000														10
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400												12
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500										15
20	50°	63800	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490								20
25	40°	49100	55°	50000	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000				25
30	26°	39200	48°	40100	58°	40500	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450		30
35			40°	33000	53°	33600	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500		35
40			31°	26760	47°	27440	56°	27250	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500		40
45			17°	21470	40°	22190	52°	22710	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500		45
50					33°	18240	47°	18740	55°	18740	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000		50
55					24°	15130	42°	15640	51°	16020	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450		55
60					5°	12540	36°	13160	47°	13520	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780		60
65							29°	11110	42°	11470	50°	11570	56°	9960	61°	9030	64°	8130	68°	7140		65
70							20°	9370	37°	9750	46°	10040	53°	9100	58°	8250	62°	7430	65°	6560		70
75									31°	8280	42°	8570	50°	8300	55°	7530	60°	6780	63°	6010		75
80									24°	7010	38°	7310	47°	7580	53°	6870	57°	6190	61°	5500		80
85									14°	5870	33°	6210	43°	6480	50°	6280	55°	5670	59°	5020		85
90											27°	5230	39°	5510	47°	5720	52°	5160	57°	4560		90
95											20°	4350	35°	4650	44°	4870	50°	4690	54°	4150		95
100													30°	3870	40°	4100	47°	4250	52°	3760		100
105													25°	3170	36°	3400	44°	3610	50°	3400		105
110													17°	2510	32°	2770	41°	2970	47°	3050		110
115															27°	2180	37°	2390	44°	2590		115
120															22°	1640	34°	1860	41°	2050		120
125															13°	1110	29°	1370	38°	1560		125
130																25°	910	35°	1100			130
135																						135
140																						140
145																						145
	0°	21720	0°	11240	0°	6330	0°	3260	0°	1390												
STOWED		910		650		510		420		350		310		270		240		220		200		
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830		

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 31

MAIN BOOM

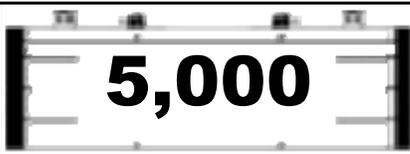


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	63100	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	48600	55°	49500	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	38700	48°	39700	58°	40300	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	32600	53°	33200	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	26040	47°	26720	56°	27250	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	20850	40°	21580	52°	22090	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	17700	47°	18200	55°	18600	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50
55					24°	14650	42°	15170	51°	15540	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450	55
60					5°	12100	36°	12730	47°	13090	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780	60
65							29°	10710	42°	11070	50°	11360	56°	9960	61°	9030	64°	8130	68°	7140	65
70							20°	9010	37°	9390	46°	9680	53°	9100	58°	8250	62°	7430	65°	6560	70
75									31°	7950	42°	8240	50°	8300	55°	7530	60°	6780	63°	6010	75
80									24°	6700	38°	7000	47°	7270	53°	6870	57°	6190	61°	5500	80
85									14°	5590	33°	5920	43°	6190	50°	6280	55°	5670	59°	5020	85
90											27°	4960	39°	5240	47°	5470	52°	5160	57°	4560	90
95											20°	4100	35°	4390	44°	4620	50°	4690	54°	4150	95
100													30°	3630	40°	3860	47°	4080	52°	3760	100
105													25°	2940	36°	3170	44°	3380	50°	3400	105
110													17°	2290	32°	2550	41°	2760	47°	2960	110
115															27°	1980	37°	2190	44°	2380	115
120															22°	1440	34°	1660	41°	1860	120
125															13°	920	29°	1180	38°	1370	125
130																25°	730	35°	920	130	130
135																					135
140																					140
145																					145
	0°	20820	0°	10670	0°	5900	0°	2920	0°	1110											
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 32

MAIN BOOM

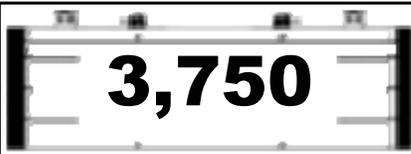


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT			
6	73°	80000	78°	58000																		6
8	70°	80000	76°	58000	79°	58000																8
10	67°	80000	73°	58000	77°	58000	80°	58000														10
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400												12
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500										15
20	50°	62500	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490								20
25	40°	48100	55°	48900	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000				25
30	26°	38300	48°	39300	58°	39800	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450		30
35			40°	32200	53°	32800	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500		35
40			31°	25320	47°	26010	56°	26560	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500		40
45			17°	20240	40°	20960	52°	21480	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500		45
50					33°	17160	47°	17660	55°	18060	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000		50
55					24°	14170	42°	14690	51°	15060	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450		55
60					5°	11670	36°	12300	47°	12660	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780		60
65							29°	10320	42°	10680	50°	10960	56°	9960	61°	9030	64°	8130	68°	7140		65
70							20°	8650	37°	9030	46°	9320	53°	9100	58°	8250	62°	7430	65°	6560		70
75									31°	7620	42°	7910	50°	8190	55°	7530	60°	6780	63°	6010		75
80									24°	6400	38°	6690	47°	6960	53°	6870	57°	6190	61°	5500		80
85									14°	5300	33°	5630	43°	5900	50°	6150	55°	5670	59°	5020		85
90											27°	4690	39°	4980	47°	5200	52°	5160	57°	4560		90
95											20°	3850	35°	4140	44°	4370	50°	4590	54°	4150		95
100													30°	3390	40°	3620	47°	3840	52°	3760		100
105													25°	2710	36°	2950	44°	3160	50°	3360		105
110													17°	2080	32°	2340	41°	2540	47°	2740		110
115															27°	1770	37°	1980	44°	2180		115
120															22°	1250	34°	1470	41°	1660		120
125															13°	730	29°	1000	38°	1180		125
130																			35°	740		130
135																						135
140																						140
145																						145
	0°	19920	0°	10090	0°	5470	0°	2580														
STOWED		910		650		510		420		350		310		270		240		220		200		
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830		

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 33

MAIN BOOM

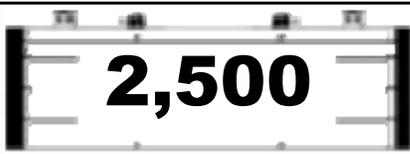


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT			
6	73°	80000	78°	58000																		6
8	70°	80000	76°	58000	79°	58000																8
10	67°	80000	73°	58000	77°	58000	80°	58000														10
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400												12
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500										15
20	50°	61800	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490								20
25	40°	47600	55°	48400	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000				25
30	26°	37900	48°	38800	58°	39400	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450		30
35			40°	31400	53°	32100	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500		35
40			31°	24610	47°	25290	56°	25840	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500		40
45			17°	19620	40°	20350	52°	20860	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500		45
50					33°	16620	47°	17120	55°	17520	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000		50
55					24°	13700	42°	14210	51°	14580	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450		55
60					5°	11240	36°	11860	47°	12230	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780		60
65							29°	9930	42°	10290	50°	10570	56°	9960	61°	9030	64°	8130	68°	7140		65
70							20°	8290	37°	8670	46°	8960	53°	9100	58°	8250	62°	7430	65°	6560		70
75									31°	7290	42°	7580	50°	7850	55°	7530	60°	6780	63°	6010		75
80									24°	6090	38°	6390	47°	6660	53°	6870	57°	6190	61°	5500		80
85									14°	5010	33°	5350	43°	5610	50°	5860	55°	5670	59°	5020		85
90											27°	4420	39°	4710	47°	4930	52°	5160	57°	4560		90
95											20°	3590	35°	3890	44°	4110	50°	4340	54°	4150		95
100													30°	3150	40°	3380	47°	3600	52°	3760		100
105													25°	2490	36°	2720	44°	2930	50°	3140		105
110													17°	1860	32°	2120	41°	2330	47°	2530		110
115															27°	1570	37°	1780	44°	1970		115
120															22°	1050	34°	1270	41°	1460		120
125																29°	810	38°	1000			125
130																						130
135																						135
140																						140
145																						145
	0°	19020	0°	9510	0°	5040	0°	2250														
STOWED		910		650		510		420		350		310		270		240		220		200		
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830		

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 34

MAIN BOOM

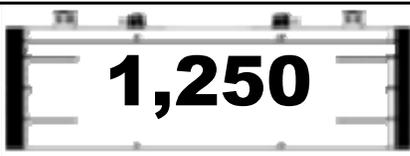


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000																6	
8	70°	80000	76°	58000	79°	58000														8	
10	67°	80000	73°	58000	77°	58000	80°	58000												10	
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400										12	
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500								15	
20	50°	61200	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490						20	
25	40°	47000	55°	47900	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000		25	
30	26°	37400	48°	38400	58°	39000	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	30600	53°	31300	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	23890	47°	24570	56°	25120	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	19010	40°	19730	52°	20250	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	16080	47°	16590	55°	16980	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50
55					24°	13220	42°	13730	51°	14100	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450	55
60					5°	10810	36°	11430	47°	11790	54°	12090	59°	10940	63°	9880	67°	8880	70°	7780	60
65							29°	9540	42°	9900	50°	10180	56°	9960	61°	9030	64°	8130	68°	7140	65
70							20°	7930	37°	8310	46°	8600	53°	8890	58°	8250	62°	7430	65°	6560	70
75									31°	6960	42°	7250	50°	7520	55°	7530	60°	6780	63°	6010	75
80									24°	5780	38°	6080	47°	6350	53°	6610	57°	6190	61°	5500	80
85									14°	4730	33°	5060	43°	5330	50°	5570	55°	5670	59°	5020	85
90											27°	4160	39°	4440	47°	4670	52°	4900	57°	4560	90
95											20°	3340	35°	3630	44°	3860	50°	4090	54°	4150	95
100													30°	2910	40°	3140	47°	3360	52°	3570	100
105													25°	2260	36°	2490	44°	2700	50°	2910	105
110													17°	1650	32°	1910	41°	2110	47°	2310	110
115															27°	1360	37°	1570	44°	1770	115
120															22°	860	34°	1080	41°	1270	120
125																			38°	810	125
130																					130
135																					135
140																					140
145																					145
	0°	18120	0°	8930	0°	4610	0°	1910													
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 35

MAIN BOOM

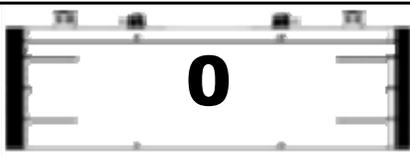


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000																6	
8	70°	80000	76°	58000	79°	58000														8	
10	67°	80000	73°	58000	77°	58000	80°	58000												10	
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400										12	
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500								15	
20	50°	60500	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490						20	
25	40°	46500	55°	47400	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000		25	
30	26°	37000	48°	37900	58°	38500	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	29760	53°	30400	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	23170	47°	23850	56°	24400	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	18390	40°	19120	52°	19630	58°	20030	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	15550	47°	16050	55°	16440	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50
55					24°	12740	42°	13250	51°	13620	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450	55
60					5°	10380	36°	11000	47°	11360	54°	11660	59°	10940	63°	9880	67°	8880	70°	7780	60
65							29°	9150	42°	9510	50°	9790	56°	9960	61°	9030	64°	8130	68°	7140	65
70							20°	7570	37°	7950	46°	8240	53°	8530	58°	8250	62°	7430	65°	6560	70
75									31°	6630	42°	6910	50°	7190	55°	7460	60°	6780	63°	6010	75
80									24°	5470	38°	5770	47°	6040	53°	6300	57°	6190	61°	5500	80
85									14°	4440	33°	4770	43°	5040	50°	5290	55°	5530	59°	5020	85
90											27°	3890	39°	4170	47°	4400	52°	4630	57°	4560	90
95											20°	3090	35°	3380	44°	3610	50°	3830	54°	4060	95
100													30°	2680	40°	2900	47°	3120	52°	3330	100
105													25°	2030	36°	2270	44°	2480	50°	2680	105
110													17°	1430	32°	1690	41°	1900	47°	2100	110
115															27°	1160	37°	1370	44°	1560	115
120																34°	880	41°	1070	120	
125																					125
130																					130
135																					135
140																					140
145																					145
	0°	17220	0°	8350	0°	4180	0°	1580													
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 36

MAIN BOOM

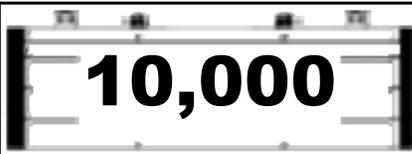


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT			
6	73°	80000	78°	58000																		6
8	70°	80000	76°	58000	79°	58000																8
10	67°	80000	73°	58000	77°	58000	80°	58000														10
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400												12
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500										15
20	50°	59900	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490								20
25	40°	46000	55°	46900	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000				25
30	26°	36500	48°	37500	58°	38100	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450		30
35			40°	28900	53°	29600	61°	30200	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500		35
40			31°	22450	47°	23130	56°	23680	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500		40
45			17°	17780	40°	18500	52°	19020	58°	19420	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500		45
50					33°	15010	47°	15510	55°	15900	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000		50
55					24°	12260	42°	12770	51°	13150	57°	13450	62°	12020	66°	10840	69°	9720	71°	8450		55
60					5°	9950	36°	10570	47°	10930	54°	11230	59°	10940	63°	9880	67°	8880	70°	7780		60
65							29°	8760	42°	9120	50°	9400	56°	9710	61°	9030	64°	8130	68°	7140		65
70							20°	7220	37°	7590	46°	7880	53°	8170	58°	8250	62°	7430	65°	6560		70
75									31°	6300	42°	6580	50°	6860	55°	7130	60°	6780	63°	6010		75
80									24°	5170	38°	5460	47°	5730	53°	5990	57°	6190	61°	5500		80
85									14°	4150	33°	4480	43°	4750	50°	5000	55°	5240	59°	5020		85
90											27°	3620	39°	3900	47°	4130	52°	4360	57°	4560		90
95											20°	2830	35°	3130	44°	3350	50°	3580	54°	3800		95
100													30°	2440	40°	2660	47°	2880	52°	3090		100
105													25°	1810	36°	2040	44°	2250	50°	2460		105
110													17°	1220	32°	1480	41°	1680	47°	1880		110
115															27°	950	37°	1160	44°	1360		115
120																			41°	880		120
125																						125
130																						130
135																						135
140																						140
145																						145
	0°	16320	0°	7770	0°	3750	0°	1240														
STOWED		910		650		510		420		350		310		270		240		220		200		
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830		

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 37

MAIN BOOM



RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	83400	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	55300	61°	56800	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	35200	55°	36400	63°	37200	69°	38000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	24460	48°	25650	58°	26360	65°	27010	69°	27540	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	18940	53°	19610	61°	20180	66°	20640	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	14350	47°	15000	56°	15530	62°	15940	66°	16330	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	10950	40°	11650	52°	12150	58°	12530	63°	12890	67°	13310	71°	12870	73°	11600	75°	9500	45
50					33°	9090	47°	9580	55°	9960	60°	10270	65°	10660	68°	11040	71°	10620	73°	9000	50
55					24°	7060	42°	7560	51°	7920	57°	8220	62°	8580	66°	8910	69°	9300	71°	8450	55
60					5°	5310	36°	5920	47°	6270	54°	6560	59°	6880	63°	7200	67°	7550	70°	7780	60
65							29°	4560	42°	4910	50°	5180	56°	5490	61°	5790	64°	6110	68°	6440	65
70							20°	3390	37°	3760	46°	4040	53°	4320	58°	4600	62°	4900	65°	5210	70
75									31°	2780	42°	3060	50°	3330	55°	3590	60°	3860	63°	4160	75
80									24°	1910	38°	2200	47°	2470	53°	2720	57°	2970	61°	3250	80
85									14°	1130	33°	1460	43°	1720	50°	1960	55°	2200	59°	2460	85
90											27°	790	39°	1060	47°	1290	52°	1520	57°	1750	90
95																	50°	910	54°	1130	95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135
140																					140
145																					145
	0°	18640	0°	9570	0°	5200	0°	2430	0°	730											
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 38

MAIN BOOM

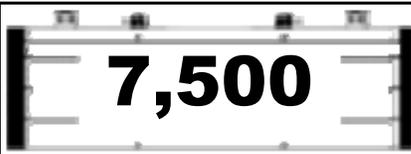


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	83400	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	53500	61°	55000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	33900	55°	35200	63°	36000	69°	36700	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	23510	48°	24700	58°	25410	65°	26060	69°	26580	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	18170	53°	18830	61°	19410	66°	19870	69°	20310	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	13700	47°	14350	56°	14880	62°	15290	66°	15690	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	10390	40°	11090	52°	11590	58°	11970	63°	12330	67°	12760	71°	12870	73°	11600	75°	9500	45
50					33°	8600	47°	9090	55°	9470	60°	9780	65°	10170	68°	10550	71°	10620	73°	9000	50
55					24°	6620	42°	7120	51°	7480	57°	7780	62°	8150	66°	8470	69°	8860	71°	8450	55
60					5°	4920	36°	5520	47°	5870	54°	6160	59°	6480	63°	6800	67°	7160	70°	7520	60
65							29°	4200	42°	4550	50°	4820	56°	5130	61°	5430	64°	5750	68°	6080	65
70							20°	3060	37°	3430	46°	3710	53°	3990	58°	4270	62°	4570	65°	4880	70
75									31°	2470	42°	2750	50°	3020	55°	3290	60°	3560	63°	3850	75
80									24°	1630	38°	1920	47°	2190	53°	2440	57°	2690	61°	2960	80
85									14°	860	33°	1190	43°	1450	50°	1690	55°	1930	59°	2190	85
90													39°	820	47°	1040	52°	1270	57°	1500	90
95																			54°	900	95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135
140																					140
145																					145
	0°	17830	0°	9050	0°	4810	0°	2120													
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 39

MAIN BOOM

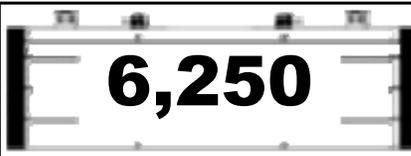


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000																6	
8	70°	80000	76°	58000	79°	58000														8	
10	67°	80000	73°	58000	77°	58000	80°	58000												10	
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400										12	
15	59°	83400	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500								15	
20	50°	51700	61°	53200	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490						20	
25	40°	32700	55°	33900	63°	34700	69°	35500	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000		25	
30	26°	22550	48°	23750	58°	24460	65°	25100	69°	25630	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	17400	53°	18060	61°	18630	66°	19100	69°	19540	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	13050	47°	13700	56°	14230	62°	14640	66°	15040	70°	15510	73°	14190	75°	12500	77°	9500	40
45			17°	9830	40°	10530	52°	11030	58°	11410	63°	11770	67°	12200	71°	12650	73°	11600	75°	9500	45
50					33°	8110	47°	8600	55°	8980	60°	9290	65°	9680	68°	10060	71°	10470	73°	9000	50
55					24°	6180	42°	6680	51°	7040	57°	7340	62°	7710	66°	8030	69°	8420	71°	8450	55
60					5°	4520	36°	5130	47°	5480	54°	5770	59°	6090	63°	6410	67°	6760	70°	7120	60
65							29°	3840	42°	4190	50°	4460	56°	4770	61°	5070	64°	5390	68°	5720	65
70							20°	2730	37°	3100	46°	3380	53°	3660	58°	3940	62°	4240	65°	4550	70
75									31°	2160	42°	2450	50°	2720	55°	2980	60°	3250	63°	3540	75
80									24°	1340	38°	1640	47°	1900	53°	2150	57°	2410	61°	2680	80
85											33°	920	43°	1190	50°	1430	55°	1670	59°	1920	85
90															47°	790	52°	1020	57°	1250	90
95																					95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135
140																					140
145																					145
	0°	17030	0°	8520	0°	4420	0°	1810													
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 40

MAIN BOOM

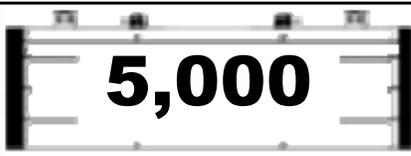


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT	
6	73°	80000	78°	58000																6
8	70°	80000	76°	58000	79°	58000														8
10	67°	80000	73°	58000	77°	58000	80°	58000												10
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400										12
15	59°	83400	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500								15
20	50°	49900	61°	51400	68°	52400	72°	45000	75°	36800	78°	29320	80°	24490						20
25	40°	31400	55°	32700	63°	33500	69°	34200	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000		25
30	26°	21600	48°	22790	58°	23500	65°	24150	69°	24680	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450
35			40°	16630	53°	17290	61°	17860	66°	18320	69°	18760	73°	17630	75°	15630	77°	13000	79°	9500
40			31°	12400	47°	13050	56°	13580	62°	13990	66°	14390	70°	14860	73°	14190	75°	12500	77°	9500
45			17°	9270	40°	9970	52°	10470	58°	10850	63°	11210	67°	11640	71°	12090	73°	11600	75°	9500
50					33°	7620	47°	8100	55°	8480	60°	8800	65°	9190	68°	9570	71°	9980	73°	9000
55					24°	5740	42°	6240	51°	6600	57°	6900	62°	7270	66°	7590	69°	7980	71°	8370
60					5°	4130	36°	4730	47°	5080	54°	5370	59°	5690	63°	6010	67°	6360	70°	6730
65							29°	3480	42°	3830	50°	4100	56°	4410	61°	4710	64°	5030	68°	5360
70							20°	2400	37°	2770	46°	3050	53°	3330	58°	3610	62°	3910	65°	4220
75									31°	1860	42°	2140	50°	2410	55°	2680	60°	2940	63°	3240
80									24°	1060	38°	1350	47°	1620	53°	1870	57°	2120	61°	2390
85													43°	920	50°	1160	55°	1400	59°	1660
90																52°	770	57°	1000	
95																				95
100																				100
105																				105
110																				110
115																				115
120																				120
125																				125
130																				130
135																				135
140																				140
145																				145
	0°	16230	0°	7990	0°	4020	0°	1500												
STOWED		910		650		510		420		350		310		270		240		220		200
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 41

MAIN BOOM



RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000																6	
8	70°	80000	76°	58000	79°	58000														8	
10	67°	80000	73°	58000	77°	58000	80°	58000												10	
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400										12	
15	59°	83400	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500								15	
20	50°	48100	61°	49500	68°	50600	72°	45000	75°	36800	78°	29320	80°	24490						20	
25	40°	30200	55°	31400	63°	32200	69°	33000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000		25	
30	26°	20650	48°	21840	58°	22550	65°	23190	69°	23720	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	15850	53°	16520	61°	17090	66°	17550	69°	17990	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	11750	47°	12400	56°	12930	62°	13340	66°	13740	70°	14210	73°	14190	75°	12500	77°	9500	40
45			17°	8710	40°	9410	52°	9910	58°	10290	63°	10650	67°	11080	71°	11530	73°	11600	75°	9500	45
50					33°	7130	47°	7610	55°	7990	60°	8310	65°	8700	68°	9080	71°	9490	73°	9000	50
55					24°	5310	42°	5800	51°	6160	57°	6460	62°	6830	66°	7150	69°	7540	71°	7930	55
60					5°	3730	36°	4340	47°	4690	54°	4970	59°	5290	63°	5620	67°	5970	70°	6330	60
65							29°	3120	42°	3470	50°	3740	56°	4050	61°	4350	64°	4670	68°	5000	65
70							20°	2070	37°	2440	46°	2720	53°	3000	58°	3280	62°	3580	65°	3890	70
75									31°	1550	42°	1830	50°	2100	55°	2370	60°	2640	63°	2930	75
80									24°	770	38°	1070	47°	1330	53°	1580	57°	1840	61°	2110	80
85															50°	900	55°	1140	59°	1390	85
90																			57°	750	90
95																					95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135
140																					140
145																					145
	0°	15420	0°	7470	0°	3630	0°	1190													
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 42

MAIN BOOM

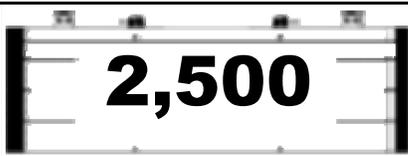


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	83400	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	46300	61°	47700	68°	48800	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	28980	55°	30200	63°	31000	69°	31700	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	19690	48°	20880	58°	21590	65°	22240	69°	22770	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	15080	53°	15750	61°	16320	66°	16780	69°	17220	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	11100	47°	11760	56°	12280	62°	12700	66°	13090	70°	13570	73°	14090	75°	12500	77°	9500	40
45			17°	8160	40°	8850	52°	9350	58°	9730	63°	10090	67°	10520	71°	10980	73°	11400	75°	9500	45
50					33°	6630	47°	7120	55°	7500	60°	7820	65°	8200	68°	8590	71°	9000	73°	9000	50
55					24°	4870	42°	5370	51°	5730	57°	6030	62°	6390	66°	6710	69°	7100	71°	7490	55
60					5°	3340	36°	3940	47°	4290	54°	4580	59°	4900	63°	5220	67°	5570	70°	5940	60
65							29°	2760	42°	3110	50°	3380	56°	3690	61°	3990	64°	4310	68°	4640	65
70							20°	1740	37°	2110	46°	2390	53°	2670	58°	2950	62°	3250	65°	3550	70
75									31°	1250	42°	1530	50°	1800	55°	2060	60°	2330	63°	2630	75
80											38°	780	47°	1050	53°	1300	57°	1550	61°	1830	80
85																	55°	870	59°	1130	85
90																					90
95																					95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135
140																					140
145																					145
	0°	14620	0°	6940	0°	3230	0°	880													
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 43

MAIN BOOM



RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000																6	
8	70°	80000	76°	58000	79°	58000														8	
10	67°	80000	73°	58000	77°	58000	80°	58000												10	
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400										12	
15	59°	83400	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500								15	
20	50°	44500	61°	45900	68°	47000	72°	45000	75°	36800	78°	29320	80°	24490						20	
25	40°	27730	55°	28960	63°	29770	69°	30500	72°	31100	75°	25820	77°	22030	79°	19070	81°	13000		25	
30	26°	18740	48°	19930	58°	20640	65°	21290	69°	21810	72°	22320	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	14310	53°	14970	61°	15540	66°	16010	69°	16450	73°	17020	75°	15630	77°	13000	79°	9500	35
40			31°	10450	47°	11110	56°	11630	62°	12050	66°	12440	70°	12920	73°	13440	75°	12500	77°	9500	40
45			17°	7600	40°	8290	52°	8790	58°	9170	63°	9530	67°	9960	71°	10420	73°	10840	75°	9500	45
50					33°	6140	47°	6630	55°	7010	60°	7320	65°	7710	68°	8090	71°	8510	73°	8930	50
55					24°	4430	42°	4930	51°	5290	57°	5590	62°	5950	66°	6280	69°	6670	71°	7050	55
60					5°	2940	36°	3550	47°	3900	54°	4180	59°	4500	63°	4820	67°	5180	70°	5540	60
65							29°	2390	42°	2750	50°	3020	56°	3330	61°	3630	64°	3950	68°	4280	65
70							20°	1410	37°	1770	46°	2060	53°	2340	58°	2620	62°	2920	65°	3220	70
75									31°	940	42°	1220	50°	1490	55°	1760	60°	2030	63°	2320	75
80													47°	760	53°	1010	57°	1270	61°	1540	80
85																			59°	860	85
90																					90
95																					95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135
140																					140
145																					145
	0°	13820	0°	6410	0°	2840															
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 44

MAIN BOOM

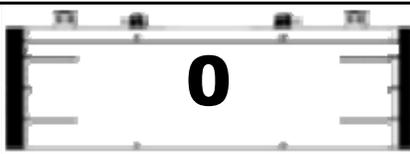


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	83400	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	42700	61°	44100	68°	45100	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	26490	55°	27720	63°	28520	69°	29300	72°	29920	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	17780	48°	18970	58°	19690	65°	20330	69°	20860	72°	21370	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	13540	53°	14200	61°	14770	66°	15230	69°	15670	73°	16240	75°	15630	77°	13000	79°	9500	35
40			31°	9810	47°	10460	56°	10980	62°	11400	66°	11790	70°	12270	73°	12790	75°	12500	77°	9500	40
45			17°	7040	40°	7730	52°	8230	58°	8620	63°	8980	67°	9400	71°	9860	73°	10280	75°	9500	45
50					33°	5650	47°	6140	55°	6520	60°	6830	65°	7220	68°	7600	71°	8020	73°	8440	50
55					24°	3990	42°	4490	51°	4850	57°	5150	62°	5520	66°	5840	69°	6230	71°	6610	55
60					5°	2550	36°	3150	47°	3500	54°	3790	59°	4110	63°	4430	67°	4780	70°	5150	60
65							29°	2030	42°	2390	50°	2660	56°	2970	61°	3260	64°	3590	68°	3920	65
70							20°	1070	37°	1440	46°	1730	53°	2010	58°	2290	62°	2580	65°	2890	70
75											42°	920	50°	1190	55°	1450	60°	1720	63°	2010	75
80															53°	730	57°	980	61°	1260	80
85																					85
90																					90
95																					95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135
140																					140
145																					145
	0°	13020	0°	5890	0°	2450															
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 45

MAIN BOOM



RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000																6	
8	70°	80000	76°	58000	79°	58000														8	
10	67°	80000	73°	58000	77°	58000	80°	58000												10	
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400										12	
15	59°	81600	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500								15	
20	50°	40900	61°	42300	68°	43300	72°	44300	75°	36800	78°	29320	80°	24490						20	
25	40°	25240	55°	26470	63°	27280	69°	28050	72°	28680	75°	25820	77°	22030	79°	19070	81°	13000		25	
30	26°	16830	48°	18020	58°	18730	65°	19380	69°	19900	72°	20410	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	12760	53°	13430	61°	14000	66°	14460	69°	14900	73°	15470	75°	15630	77°	13000	79°	9500	35
40			31°	9160	47°	9810	56°	10330	62°	10750	66°	11140	70°	11620	73°	12140	75°	12500	77°	9500	40
45			17°	6480	40°	7170	52°	7670	58°	8060	63°	8420	67°	8840	71°	9300	73°	9730	75°	9500	45
50					33°	5160	47°	5650	55°	6030	60°	6340	65°	6730	68°	7110	71°	7530	73°	7950	50
55					24°	3550	42°	4050	51°	4410	57°	4710	62°	5080	66°	5400	69°	5790	71°	6180	55
60					5°	2150	36°	2750	47°	3110	54°	3390	59°	3710	63°	4030	67°	4390	70°	4750	60
65							29°	1670	42°	2020	50°	2300	56°	2610	61°	2900	64°	3230	68°	3560	65
70							20°	740	37°	1110	46°	1390	53°	1680	58°	1960	62°	2250	65°	2560	70
75													50°	880	55°	1150	60°	1410	63°	1710	75
80																			61°	970	80
85																					85
90																					90
95																					95
100																					100
105																					105
110																					110
115																					115
120																					120
125																					125
130																					130
135																					135
140																					140
145																					145
	0°	12210	0°	5360	0°	2050															
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 46

MAIN BOOM

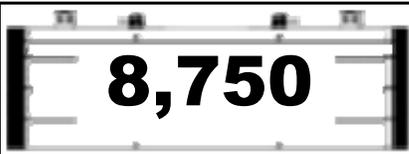


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000															6		
8	70°	80000	76°	58000	79°	58000													8		
10	67°	80000	73°	58000	77°	58000	80°	58000											10		
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400									12		
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500							15		
20	50°	65100	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490					20		
25	40°	50200	55°	51000	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000	25		
30	26°	40000	48°	41000	58°	40500	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450	30
35			40°	33700	53°	34300	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500	35
40			31°	28180	47°	28850	56°	27250	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500	40
45			17°	22690	40°	23410	52°	23930	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500	45
50					33°	19300	47°	19810	55°	18740	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000	50
55					24°	16080	42°	16590	51°	16970	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450	55
60					5°	13030	36°	14010	47°	14370	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780	60
65							29°	11880	42°	12240	50°	11570	56°	9960	61°	9030	64°	8130	68°	7140	65
70							20°	10080	37°	10460	46°	10590	53°	9100	58°	8250	62°	7430	65°	6560	70
75									31°	8940	42°	9230	50°	8300	55°	7530	60°	6780	63°	6010	75
80									24°	7620	38°	7920	47°	7580	53°	6870	57°	6190	61°	5500	80
85									14°	6440	33°	6780	43°	6940	50°	6280	55°	5670	59°	5020	85
90											27°	5770	39°	6050	47°	5720	52°	5160	57°	4560	90
95											20°	4860	35°	5150	44°	5200	50°	4690	54°	4150	95
100													30°	4350	40°	4570	47°	4250	52°	3760	100
105													25°	3620	36°	3850	44°	3840	50°	3400	105
110													17°	2940	32°	3200	41°	3400	47°	3050	110
115															27°	2590	37°	2800	44°	2720	115
120															22°	2030	34°	2250	41°	2410	120
125															13°	1480	29°	1740	38°	1930	125
130																25°	1260	35°	1460	130	
135																18°	800	31°	1020	135	
140																					140
145																					145
	0°	18640	0°	9570	0°	5200	0°	2430	0°	730											
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 47

MAIN BOOM



RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT			
6	73°	80000	78°	58000																		6
8	70°	80000	76°	58000	79°	58000																8
10	67°	80000	73°	58000	77°	58000	80°	58000														10
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400												12
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500										15
20	50°	64400	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490								20
25	40°	49700	55°	50500	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000				25
30	26°	39600	48°	40600	58°	40500	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450		30
35			40°	33400	53°	33900	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500		35
40			31°	27460	47°	28140	56°	27250	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500		40
45			17°	22070	40°	22800	52°	23310	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500		45
50					33°	18770	47°	19270	55°	18740	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000		50
55					24°	15600	42°	16110	51°	16490	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450		55
60					5°	12960	36°	13580	47°	13940	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780		60
65							29°	11490	42°	11850	50°	11570	56°	9960	61°	9030	64°	8130	68°	7140		65
70							20°	9720	37°	10100	46°	10390	53°	9100	58°	8250	62°	7430	65°	6560		70
75									31°	8610	42°	8900	50°	8300	55°	7530	60°	6780	63°	6010		75
80									24°	7310	38°	7610	47°	7580	53°	6870	57°	6190	61°	5500		80
85									14°	6160	33°	6490	43°	6760	50°	6280	55°	5670	59°	5020		85
90											27°	5500	39°	5780	47°	5720	52°	5160	57°	4560		90
95											20°	4600	35°	4900	44°	5120	50°	4690	54°	4150		95
100													30°	4110	40°	4330	47°	4250	52°	3760		100
105													25°	3390	36°	3620	44°	3830	50°	3400		105
110													17°	2720	32°	2980	41°	3180	47°	3050		110
115															27°	2390	37°	2590	44°	2720		115
120															22°	1830	34°	2050	41°	2240		120
125															13°	1290	29°	1550	38°	1740		125
130																	25°	1080	35°	1280		130
135																			31°	850		135
140																						140
145																						145
	0°	17830	0°	9050	0°	4810	0°	2120														
STOWED		910		650		510		420		350		310		270		240		220		200		
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830		

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 48

MAIN BOOM

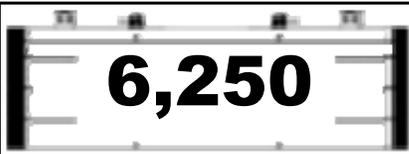


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT			
6	73°	80000	78°	58000																		6
8	70°	80000	76°	58000	79°	58000																8
10	67°	80000	73°	58000	77°	58000	80°	58000														10
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400												12
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500										15
20	50°	63800	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490								20
25	40°	49100	55°	50000	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000				25
30	26°	39200	48°	40100	58°	40500	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450		30
35			40°	33000	53°	33600	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500		35
40			31°	26750	47°	27430	56°	27250	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500		40
45			17°	21460	40°	22180	52°	22700	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500		45
50					33°	18230	47°	18730	55°	18740	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000		50
55					24°	15120	42°	15640	51°	16010	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450		55
60					5°	12530	36°	13150	47°	13510	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780		60
65							29°	11100	42°	11460	50°	11570	56°	9960	61°	9030	64°	8130	68°	7140		65
70							20°	9360	37°	9740	46°	10030	53°	9100	58°	8250	62°	7430	65°	6560		70
75									31°	8280	42°	8570	50°	8300	55°	7530	60°	6780	63°	6010		75
80									24°	7010	38°	7300	47°	7570	53°	6870	57°	6190	61°	5500		80
85									14°	5870	33°	6200	43°	6470	50°	6280	55°	5670	59°	5020		85
90											27°	5230	39°	5510	47°	5720	52°	5160	57°	4560		90
95											20°	4350	35°	4640	44°	4870	50°	4690	54°	4150		95
100													30°	3870	40°	4090	47°	4250	52°	3760		100
105													25°	3160	36°	3390	44°	3610	50°	3400		105
110													17°	2510	32°	2770	41°	2970	47°	3050		110
115															27°	2180	37°	2390	44°	2580		115
120															22°	1640	34°	1860	41°	2050		120
125															13°	1110	29°	1370	38°	1550		125
130																25°	900	35°	1100			130
135																						135
140																						140
145																						145
	0°	17030	0°	8520	0°	4420	0°	1810														
STOWED		910		650		510		420		350		310		270		240		220		200		
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830		

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 49

MAIN BOOM



RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT			
6	73°	80000	78°	58000																		6
8	70°	80000	76°	58000	79°	58000																8
10	67°	80000	73°	58000	77°	58000	80°	58000														10
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400												12
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500										15
20	50°	63100	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490								20
25	40°	48600	55°	49500	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000				25
30	26°	38700	48°	39700	58°	40300	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450		30
35			40°	32600	53°	33200	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500		35
40			31°	26030	47°	26710	56°	27250	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500		40
45			17°	20840	40°	21570	52°	22080	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500		45
50					33°	17690	47°	18190	55°	18590	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000		50
55					24°	14640	42°	15160	51°	15530	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450		55
60					5°	12100	36°	12720	47°	13080	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780		60
65							29°	10710	42°	11070	50°	11350	56°	9960	61°	9030	64°	8130	68°	7140		65
70							20°	9000	37°	9380	46°	9670	53°	9100	58°	8250	62°	7430	65°	6560		70
75									31°	7950	42°	8230	50°	8300	55°	7530	60°	6780	63°	6010		75
80									24°	6700	38°	7000	47°	7270	53°	6870	57°	6190	61°	5500		80
85									14°	5580	33°	5910	43°	6180	50°	6280	55°	5670	59°	5020		85
90											27°	4960	39°	5240	47°	5470	52°	5160	57°	4560		90
95											20°	4100	35°	4390	44°	4620	50°	4690	54°	4150		95
100													30°	3630	40°	3850	47°	4070	52°	3760		100
105													25°	2940	36°	3170	44°	3380	50°	3400		105
110													17°	2290	32°	2550	41°	2750	47°	2950		110
115															27°	1980	37°	2180	44°	2380		115
120															22°	1440	34°	1660	41°	1850		120
125															13°	920	29°	1180	38°	1370		125
130																25°	720	35°	920			130
135																						135
140																						140
145																						145
	0°	16230	0°	7990	0°	4020	0°	1500														
STOWED		910		650		510		420		350		310		270		240		220		200		
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830		

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 50

MAIN BOOM



RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT			
6	73°	80000	78°	58000																		6
8	70°	80000	76°	58000	79°	58000																8
10	67°	80000	73°	58000	77°	58000	80°	58000														10
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400												12
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500										15
20	50°	62500	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490								20
25	40°	48100	55°	48900	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000				25
30	26°	38300	48°	39300	58°	39800	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450		30
35			40°	32200	53°	32800	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500		35
40			31°	25310	47°	25990	56°	26540	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500		40
45			17°	20230	40°	20950	52°	21470	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500		45
50					33°	17150	47°	17650	55°	18050	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000		50
55					24°	14170	42°	14680	51°	15050	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450		55
60					5°	11670	36°	12290	47°	12650	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780		60
65							29°	10320	42°	10680	50°	10960	56°	9960	61°	9030	64°	8130	68°	7140		65
70							20°	8650	37°	9020	46°	9310	53°	9100	58°	8250	62°	7430	65°	6560		70
75									31°	7620	42°	7900	50°	8180	55°	7530	60°	6780	63°	6010		75
80									24°	6390	38°	6690	47°	6960	53°	6870	57°	6190	61°	5500		80
85									14°	5300	33°	5630	43°	5900	50°	6140	55°	5670	59°	5020		85
90											27°	4690	39°	4970	47°	5200	52°	5160	57°	4560		90
95											20°	3840	35°	4140	44°	4360	50°	4590	54°	4150		95
100													30°	3390	40°	3620	47°	3830	52°	3760		100
105													25°	2710	36°	2940	44°	3150	50°	3360		105
110													17°	2080	32°	2340	41°	2540	47°	2740		110
115															27°	1770	37°	1980	44°	2170		115
120															22°	1240	34°	1460	41°	1660		120
125															13°	730	29°	990	38°	1180		125
130																			35°	740		130
135																						135
140																						140
145																						145
	0°	15420	0°	7470	0°	3630	0°	1190														
STOWED		910		650		510		420		350		310		270		240		220		200		
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830		

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 51

MAIN BOOM

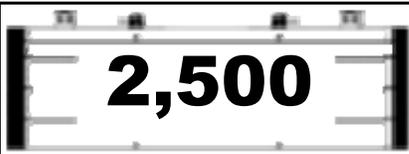


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT			
6	73°	80000	78°	58000																		6
8	70°	80000	76°	58000	79°	58000																8
10	67°	80000	73°	58000	77°	58000	80°	58000														10
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400												12
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500										15
20	50°	61800	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490								20
25	40°	47600	55°	48400	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000				25
30	26°	37900	48°	38800	58°	39400	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450		30
35			40°	31400	53°	32100	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500		35
40			31°	24590	47°	25270	56°	25820	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500		40
45			17°	19610	40°	20340	52°	20850	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500		45
50					33°	16610	47°	17120	55°	17510	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000		50
55					24°	13690	42°	14200	51°	14570	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450		55
60					5°	11240	36°	11860	47°	12220	54°	12460	59°	10940	63°	9880	67°	8880	70°	7780		60
65							29°	9920	42°	10280	50°	10570	56°	9960	61°	9030	64°	8130	68°	7140		65
70							20°	8290	37°	8660	46°	8950	53°	9100	58°	8250	62°	7430	65°	6560		70
75									31°	7280	42°	7570	50°	7850	55°	7530	60°	6780	63°	6010		75
80									24°	6080	38°	6380	47°	6650	53°	6870	57°	6190	61°	5500		80
85									14°	5010	33°	5340	43°	5610	50°	5860	55°	5670	59°	5020		85
90											27°	4420	39°	4700	47°	4930	52°	5160	57°	4560		90
95											20°	3590	35°	3880	44°	4110	50°	4330	54°	4150		95
100													30°	3150	40°	3380	47°	3590	52°	3760		100
105													25°	2480	36°	2710	44°	2930	50°	3130		105
110													17°	1860	32°	2120	41°	2320	47°	2520		110
115															27°	1570	37°	1770	44°	1970		115
120															22°	1050	34°	1270	41°	1460		120
125																29°	810	38°	990			125
130																						130
135																						135
140																						140
145																						145
	0°	14620	0°	6940	0°	3230	0°	880														
STOWED		910		650		510		420		350		310		270		240		220		200		
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830		

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 52

MAIN BOOM



RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT			
6	73°	80000	78°	58000																		6
8	70°	80000	76°	58000	79°	58000																8
10	67°	80000	73°	58000	77°	58000	80°	58000														10
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400												12
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500										15
20	50°	61200	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490								20
25	40°	47000	55°	47900	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000				25
30	26°	37400	48°	38400	58°	39000	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450		30
35			40°	30600	53°	31300	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500		35
40			31°	23870	47°	24560	56°	25110	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500		40
45			17°	19000	40°	19720	52°	20240	58°	20640	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500		45
50					33°	16070	47°	16580	55°	16970	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000		50
55					24°	13210	42°	13720	51°	14090	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450		55
60					5°	10800	36°	11430	47°	11790	54°	12080	59°	10940	63°	9880	67°	8880	70°	7780		60
65							29°	9530	42°	9890	50°	10170	56°	9960	61°	9030	64°	8130	68°	7140		65
70							20°	7930	37°	8310	46°	8590	53°	8880	58°	8250	62°	7430	65°	6560		70
75									31°	6950	42°	7240	50°	7520	55°	7530	60°	6780	63°	6010		75
80									24°	5780	38°	6070	47°	6340	53°	6600	57°	6190	61°	5500		80
85									14°	4720	33°	5050	43°	5320	50°	5570	55°	5670	59°	5020		85
90											27°	4150	39°	4430	47°	4660	52°	4900	57°	4560		90
95											20°	3340	35°	3630	44°	3860	50°	4080	54°	4150		95
100													30°	2910	40°	3140	47°	3350	52°	3570		100
105													25°	2260	36°	2490	44°	2700	50°	2910		105
110													17°	1640	32°	1900	41°	2110	47°	2310		110
115															27°	1360	37°	1570	44°	1760		115
120															22°	850	34°	1070	41°	1260		120
125																			38°	810		125
130																						130
135																						135
140																						140
145																						145
	0°	13820	0°	6410	0°	2840																
STOWED		910		650		510		420		350		310		270		240		220		200		
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830		

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 53

MAIN BOOM

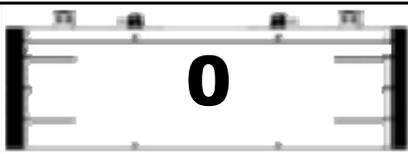


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT			
6	73°	80000	78°	58000																		6
8	70°	80000	76°	58000	79°	58000																8
10	67°	80000	73°	58000	77°	58000	80°	58000														10
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400												12
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500										15
20	50°	60500	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490								20
25	40°	46500	55°	47400	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000				25
30	26°	37000	48°	37900	58°	38500	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450		30
35			40°	29750	53°	30400	61°	30500	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500		35
40			31°	23160	47°	23840	56°	24390	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500		40
45			17°	18380	40°	19100	52°	19620	58°	20020	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500		45
50					33°	15540	47°	16040	55°	16430	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000		50
55					24°	12730	42°	13240	51°	13620	57°	13690	62°	12020	66°	10840	69°	9720	71°	8450		55
60					5°	10370	36°	11000	47°	11360	54°	11650	59°	10940	63°	9880	67°	8880	70°	7780		60
65							29°	9140	42°	9500	50°	9780	56°	9960	61°	9030	64°	8130	68°	7140		65
70							20°	7570	37°	7950	46°	8240	53°	8520	58°	8250	62°	7430	65°	6560		70
75									31°	6620	42°	6910	50°	7190	55°	7460	60°	6780	63°	6010		75
80									24°	5470	38°	5770	47°	6040	53°	6290	57°	6190	61°	5500		80
85									14°	4430	33°	4770	43°	5040	50°	5280	55°	5530	59°	5020		85
90											27°	3880	39°	4160	47°	4390	52°	4630	57°	4560		90
95											20°	3080	35°	3380	44°	3600	50°	3830	54°	4050		95
100													30°	2670	40°	2900	47°	3110	52°	3330		100
105													25°	2030	36°	2260	44°	2470	50°	2680		105
110													17°	1430	32°	1690	41°	1890	47°	2090		110
115															27°	1160	37°	1360	44°	1560		115
120																34°	880	41°	1070			120
125																						125
130																						130
135																						135
140																						140
145																						145
	0°	13020	0°	5890	0°	2450																
STOWED		910		650		510		420		350		310		270		240		220		200		
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830		

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 54

MAIN BOOM

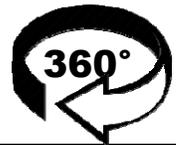
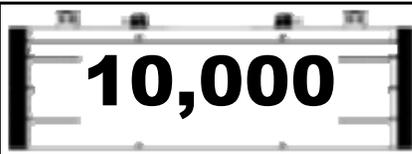


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT			
6	73°	80000	78°	58000																		6
8	70°	80000	76°	58000	79°	58000																8
10	67°	80000	73°	58000	77°	58000	80°	58000														10
12	64°	80000	71°	58000	75°	58000	78°	57900	80°	46400												12
15	59°	80000	68°	58000	73°	58000	76°	52300	79°	42400	80°	33500										15
20	50°	59900	61°	58000	68°	54000	72°	45000	75°	36800	78°	29320	80°	24490								20
25	40°	46000	55°	46900	63°	46500	69°	39000	72°	32300	75°	25820	77°	22030	79°	19070	81°	13000				25
30	26°	36500	48°	37500	58°	38100	65°	34400	69°	28560	72°	23200	75°	19670	77°	17290	79°	13000	81°	9450		30
35			40°	28880	53°	29580	61°	30100	66°	25390	69°	20660	73°	17630	75°	15630	77°	13000	79°	9500		35
40			31°	22440	47°	23120	56°	23670	62°	22930	66°	18500	70°	15830	73°	14190	75°	12500	77°	9500		40
45			17°	17770	40°	18490	52°	19010	58°	19410	63°	16680	67°	14300	71°	12870	73°	11600	75°	9500		45
50					33°	15000	47°	15500	55°	15890	60°	15090	65°	13020	68°	11930	71°	10620	73°	9000		50
55					24°	12250	42°	12760	51°	13140	57°	13450	62°	12020	66°	10840	69°	9720	71°	8450		55
60					5°	9940	36°	10570	47°	10930	54°	11220	59°	10940	63°	9880	67°	8880	70°	7780		60
65							29°	8750	42°	9110	50°	9390	56°	9710	61°	9030	64°	8130	68°	7140		65
70							20°	7210	37°	7590	46°	7880	53°	8160	58°	8250	62°	7430	65°	6560		70
75									31°	6290	42°	6580	50°	6860	55°	7130	60°	6780	63°	6010		75
80									24°	5160	38°	5460	47°	5730	53°	5990	57°	6190	61°	5500		80
85									14°	4150	33°	4480	43°	4750	50°	4990	55°	5240	59°	5020		85
90											27°	3610	39°	3890	47°	4120	52°	4360	57°	4560		90
95											20°	2830	35°	3120	44°	3350	50°	3570	54°	3800		95
100													30°	2430	40°	2660	47°	2880	52°	3090		100
105													25°	1800	36°	2040	44°	2250	50°	2450		105
110													17°	1210	32°	1470	41°	1680	47°	1880		110
115															27°	950	37°	1160	44°	1350		115
120																			41°	870		120
125																						125
130																						130
135																						135
140																						140
145																						145
	0°	12210	0°	5360	0°	2050																
STOWED		910		650		510		420		350		310		270		240		220		200		
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830		

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 55

MAIN BOOM

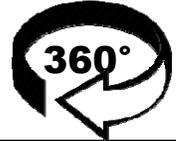


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)								
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT								
6	SEE NOTE BELOW!		78°	58000																6							
8			76°	58000	79°	58000															8						
10			73°	58000	77°	58000	80°	58000														10					
12	64°	44100	71°	45500	75°	46500	78°	47500	80°	46400											12						
15	59°	29520	68°	30600	73°	31500	76°	32300	79°	33100	80°	33500										15					
20	50°	17240	61°	18230	68°	18930	72°	19570	75°	20180	78°	20730	80°	21500									20				
25	40°	10740	55°	11690	63°	12300	69°	12890	72°	13360	75°	13830	77°	14450									25				
30	26°	6670	48°	7630	58°	8200	65°	8720	69°	9140	72°	9550	75°	10090									30				
35			40°	4860	53°	5420	61°	5890	66°	6280	69°	6640	73°	7110									35				
40			31°	2830	47°	3390	56°	3840	62°	4190	66°	4530	70°	4930									40				
45			17°	1240	40°	1850	52°	2280	58°	2610	63°	2920	67°	3290									45				
50							47°	1050	55°	1390	60°	1660	65°	2000									50				
55													62°	970									55				
60																							60				
65																							65				
70																							70				
75																							75				
80																							80				
85																							85				
90																							90				
95	NOTE: DO NOT HOIST THE BOOM ABOVE 65° BOOM ANGLE WHEN BOOM IS FULLY RETRACTED IN THIS CRANE CONFIGURATION!																								95		
100																										100	
105																											105
110																							110				
115																							115				
120																							120				
125																							125				
130																							130				
135																							135				
140																							140				
145																							145				
	0°	4140																									
STOWED		910		650		510		420		350		310		270		240		220		200							
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830							

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 56

MAIN BOOM



RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT	
6	73°	80000	78°	58000															6	
8	70°	80000	76°	58000	79°	58000													8	
10	67°	59400	73°	58000	77°	58000	80°	58000											10	
12	64°	42200	71°	43500	75°	44600	78°	45600	80°	46400									12	
15	59°	28120	68°	29270	73°	30100	76°	30900	79°	31700	80°	32400							15	
20	50°	16280	61°	17270	68°	17960	72°	18610	75°	19220	78°	19770							20	
25	40°	10010	55°	10950	63°	11570	69°	12150	72°	12620	75°	13100							25	
30	26°	6070	48°	7040	58°	7610	65°	8130	69°	8550	72°	8960							30	
35			40°	4360	53°	4920	61°	5390	66°	5780	69°	6140							35	
40			31°	2400	47°	2960	56°	3410	62°	3760	66°	4100							40	
45			17°	860	40°	1470	52°	1900	58°	2240	63°	2550							45	
50							47°	720	55°	1050	60°	1330							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	
135																			135	
140																			140	
145																			145	
	0°	3630																		
STOWED		910		650		510		420		350		310		270		240		220		200
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 57

MAIN BOOM

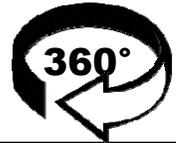
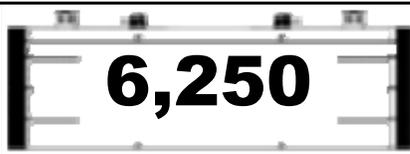


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT	
6	73°	80000	78°	58000															6	
8	70°	80000	76°	58000	79°	58000													8	
10	67°	56800	73°	58000	77°	58000	80°	58000											10	
12	64°	40300	71°	41600	75°	42700	78°	43700	80°	44600									12	
15	59°	26720	68°	27870	73°	28720	76°	29540	79°	30300	80°	31000							15	
20	50°	15310	61°	16310	68°	17000	72°	17650	75°	18260	78°	18800							20	
25	40°	9270	55°	10220	63°	10830	69°	11420	72°	11890	75°	12360							25	
30	26°	5480	48°	6450	58°	7020	65°	7540	69°	7960	72°	8360							30	
35			40°	3870	53°	4420	61°	4900	66°	5280	69°	5640							35	
40			31°	1970	47°	2530	56°	2980	62°	3330	66°	3670							40	
45					40°	1090	52°	1530	58°	1860	63°	2170							45	
50									55°	710	60°	990							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	
135																			135	
140																			140	
145																			145	
	0°	3110																		
STOWED		910		650		510		420		350		310		270		240		220		200
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 58

MAIN BOOM

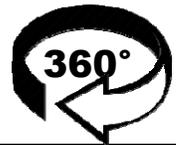


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT	
6	73°	80000	78°	58000																6
8	70°	80000	76°	58000	79°	58000														8
10	67°	54300	73°	55900	77°	57200	80°	58000												10
12	64°	38400	71°	39700	75°	40800	78°	41800	80°	42700										12
15	59°	25320	68°	26470	73°	27330	76°	28140	79°	28910	80°	29680								15
20	50°	14350	61°	15340	68°	16040	72°	16680	75°	17290	78°	17840								20
25	40°	8540	55°	9480	63°	10100	69°	10680	72°	11150	75°	11630								25
30	26°	4880	48°	5850	58°	6420	65°	6940	69°	7360	72°	7770								30
35			40°	3370	53°	3920	61°	4400	66°	4780	69°	5140								35
40			31°	1550	47°	2110	56°	2550	62°	2910	66°	3240								40
45					40°	720	52°	1150	58°	1480	63°	1790								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
135																				135
140																				140
145																				145
	0°	2600																		
STOWED		910		650		510		420		350		310		270		240		220		200
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 59

MAIN BOOM

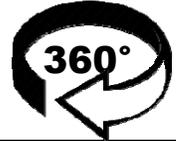
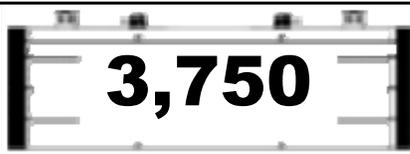


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT	
6	73°	80000	78°	58000															6	
8	70°	80000	76°	58000	79°	58000													8	
10	67°	51700	73°	53300	77°	54600	80°	55800											10	
12	64°	36400	71°	37800	75°	38800	78°	39800	80°	40800									12	
15	59°	23930	68°	25070	73°	25930	76°	26740	79°	27510	80°	28280							15	
20	50°	13390	61°	14380	68°	15070	72°	15720	75°	16330	78°	16880							20	
25	40°	7800	55°	8750	63°	9360	69°	9950	72°	10420	75°	10890							25	
30	26°	4290	48°	5260	58°	5830	65°	6350	69°	6770	72°	7170							30	
35			40°	2870	53°	3430	61°	3900	66°	4280	69°	4650							35	
40			31°	1120	47°	1680	56°	2120	62°	2480	66°	2810							40	
45							52°	770	58°	1110	63°	1420							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	
135																			135	
140																			140	
145																			145	
	0°	2080																		
STOWED		910		650		510		420		350		310		270		240		220		200
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 60

MAIN BOOM

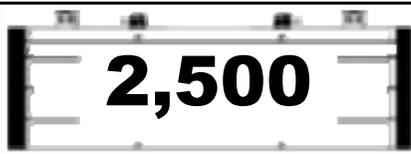


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT	
6	73°	80000	78°	58000															6	
8	70°	78200	76°	58000	79°	58000													8	
10	67°	49200	73°	50700	77°	52000	80°	53300											10	
12	64°	34500	71°	35900	75°	36900	78°	37900	80°	38900									12	
15	59°	22530	68°	23670	73°	24530	76°	25350	79°	26120	80°	26880							15	
20	50°	12420	61°	13420	68°	14110	72°	14760	75°	15370	78°	15920							20	
25	40°	7070	55°	8010	63°	8630	69°	9210	72°	9680	75°	10160							25	
30	26°	3700	48°	4660	58°	5240	65°	5750	69°	6180	72°	6580							30	
35			40°	2370	53°	2930	61°	3400	66°	3790	69°	4150							35	
40					47°	1250	56°	1700	62°	2050	66°	2380							40	
45									58°	730	63°	1040							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	
135																			135	
140																			140	
145																			145	
	0°	1570																		
STOWED		910		650		510		420		350		310		270		240		220		200
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 61

MAIN BOOM

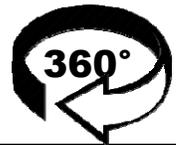


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT	
6	73°	80000	78°	58000															6	
8	70°	74400	76°	58000	79°	58000													8	
10	67°	46600	73°	48200	77°	49500	80°	50700											10	
12	64°	32600	71°	33900	75°	35000	78°	36000	80°	37000									12	
15	59°	21130	68°	22270	73°	23130	76°	23950	79°	24720	80°	25480							15	
20	50°	11460	61°	12450	68°	13150	72°	13790	75°	14400	78°	14950							20	
25	40°	6340	55°	7280	63°	7890	69°	8480	72°	8950	75°	9420							25	
30	26°	3100	48°	4070	58°	4640	65°	5160	69°	5580	72°	5990							30	
35			40°	1870	53°	2430	61°	2900	66°	3290	69°	3650							35	
40					47°	820	56°	1270	62°	1620	66°	1950							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	
135																			135	
140																			140	
145																			145	
	0°	1050																		
STOWED		910		650		510		420		350		310		270		240		220		200
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 62

MAIN BOOM

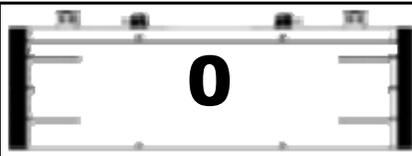


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)	
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT	
6	73°	80000	78°	58000															6	
8	70°	70600	76°	58000	79°	58000													8	
10	67°	44000	73°	45600	77°	46900	80°	48200											10	
12	64°	30700	71°	32000	75°	33100	78°	34100	80°	35000									12	
15	59°	19730	68°	20870	73°	21730	76°	22550	79°	23320	80°	24080							15	
20	50°	10500	61°	11490	68°	12180	72°	12830	75°	13440	78°	13990							20	
25	40°	5600	55°	6540	63°	7160	69°	7740	72°	8220	75°	8690							25	
30	26°	2510	48°	3480	58°	4050	65°	4570	69°	4990	72°	5390							30	
35			40°	1380	53°	1930	61°	2410	66°	2790	69°	3150							35	
40							56°	840	62°	1190	66°	1530							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	
135																			135	
140																			140	
145																			145	
STOWED	910	650	510	420	350	310	270	240	220	200										
ERECTED	2440	2220	2100	2010	1960	1920	1890	1860	1850	1830										

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODE 63

MAIN BOOM

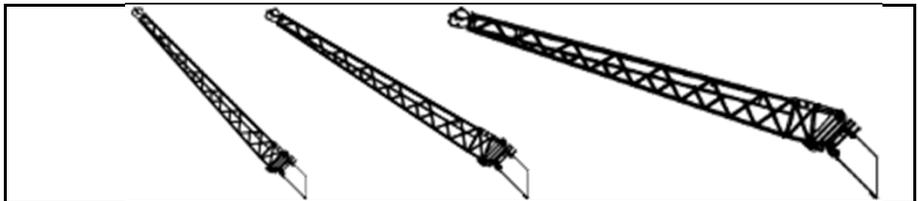


RADIUS (FT)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	ANGLE	LIFTING CAP. (LBS)	RADIUS (FT)		
LENGTH	39.8 FT		53 FT		66 FT		80 FT		93 FT		106 FT		120 FT		133 FT		146 FT		159 FT		
6	73°	80000	78°	58000																6	
8	70°	66700	76°	58000	79°	58000														8	
10	67°	41500	73°	43100	77°	44400	80°	45600												10	
12	64°	28810	71°	30100	75°	31200	78°	32200	80°	33100										12	
15	59°	18330	68°	19470	73°	20330	76°	21150	79°	21920	80°	22690								15	
20	50°	9530	61°	10530	68°	11220	72°	11870	75°	12480	78°	13030								20	
25	40°	4870	55°	5810	63°	6420	69°	7010	72°	7480	75°	7960								25	
30	26°	1920	48°	2880	58°	3460	65°	3970	69°	4390	72°	4800								30	
35			40°	880	53°	1430	61°	1910	66°	2290	69°	2650								35	
40									62°	760	66°	1100								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	
135																				135	
140																				140	
145																				145	
STOWED		910		650		510		420		350		310		270		240		220		200	
ERECTED		2440		2220		2100		2010		1960		1920		1890		1860		1850		1830	

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

CODES 100 110 120

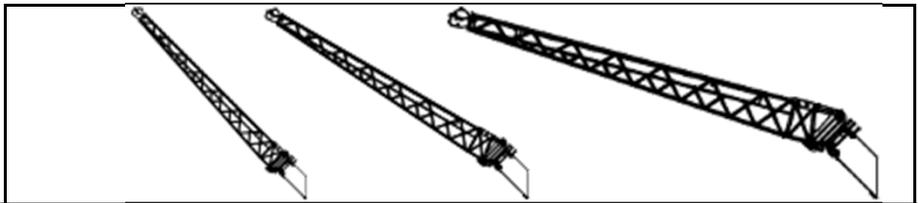
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 100				CODE 110				CODE 120				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5270 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4740 (51)	4280 (56)	3770 (60)	3250 (62)	5070 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	4070 (49)	3900 (54)	3410 (58)	2920 (60)	4560 (52)	4150 (57)	3690 (60)	3210 (64)	4760 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	3470 (46)	3320 (51)	3080 (56)	2610 (58)	3910 (49)	3770 (54)	3330 (58)	2900 (62)	4210 (54)	3970 (56)	3540 (60)	3090 (64)	110
115	2920 (44)	2780 (49)	2650 (54)	2290 (57)	3320 (46)	3220 (52)	3000 (56)	2590 (60)	3580 (51)	3520 (54)	3190 (58)	2750 (62)	115
120	2430 (41)	2280 (47)	2160 (51)	1990 (55)	2780 (43)	2690 (49)	2600 (54)	2290 (58)	3000 (48)	2960 (51)	2860 (56)	2420 (60)	120
125	1980 (37)	1840 (44)	1710 (49)	1600 (53)	2290 (40)	2200 (47)	2120 (52)	2020 (56)	2470 (45)	2440 (48)	2390 (53)	2090 (58)	125
130	1570 (34)	1430 (41)	1310 (47)	1190 (51)	1840 (37)	1760 (44)	1680 (49)	1600 (54)	1980 (42)	1960 (45)	1920 (51)	1790 (55)	130
135	1190 (30)	1060 (38)	930 (44)	820 (49)	1420 (33)	1350 (41)	1270 (47)	1190 (52)	1520 (38)	1520 (42)	1480 (48)	1330 (53)	135
140	850 (26)				1020 (28)	960 (38)	890 (44)	820 (49)	1090 (33)	1100 (39)	1080 (46)	1050 (51)	140
145													145
150													150

CODES 101 111 121

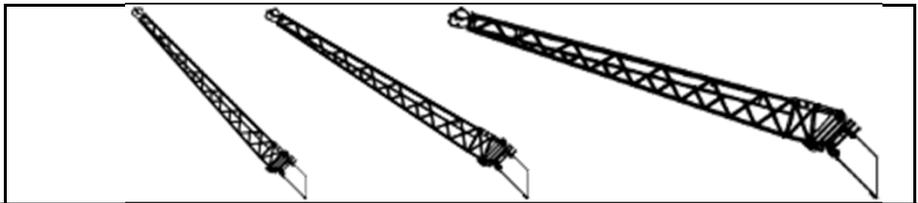
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 101				CODE 111				CODE 121				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5150 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4400 (51)	4250 (56)	3770 (60)	3250 (62)	4950 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	3750 (49)	3600 (54)	3410 (58)	2920 (60)	4240 (52)	4130 (57)	3690 (60)	3210 (64)	4580 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	3160 (46)	3010 (51)	2880 (56)	2610 (58)	3600 (49)	3500 (54)	3330 (58)	2900 (62)	3900 (54)	3840 (56)	3540 (60)	3090 (64)	110
115	2630 (44)	2480 (49)	2350 (54)	2240 (57)	3020 (46)	2920 (52)	2830 (56)	2590 (60)	3280 (51)	3230 (54)	3170 (58)	2750 (62)	115
120	2150 (41)	2000 (47)	1880 (51)	1760 (55)	2500 (43)	2410 (49)	2320 (54)	2240 (58)	2720 (48)	2670 (51)	2620 (56)	2420 (60)	120
125	1710 (37)	1570 (44)	1440 (49)	1330 (53)	2020 (40)	1930 (47)	1850 (52)	1770 (56)	2200 (45)	2170 (48)	2120 (53)	2070 (58)	125
130	1310 (34)	1170 (41)	1050 (47)	940 (51)	1580 (37)	1500 (44)	1420 (49)	1340 (54)	1720 (42)	1700 (45)	1660 (51)	1620 (55)	130
135	950 (30)	810 (38)			1170 (33)	1100 (41)	1020 (47)	950 (52)	1280 (38)	1270 (42)	1240 (48)	1200 (53)	135
140									850 (33)	870 (39)	850 (46)	810 (51)	140
145													145
150													150

CODES 102 112 122

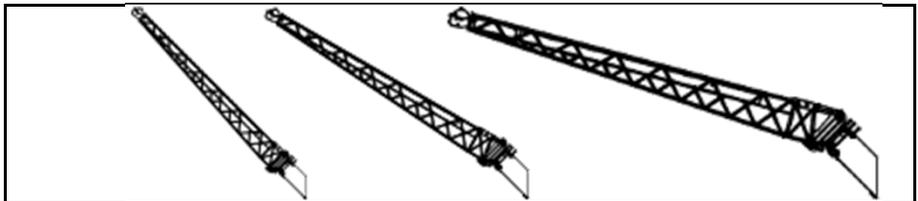
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 102				CODE 112				CODE 122				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5590 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	4780 (54)	4620 (58)	4150 (62)	3600 (64)	5380 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4060 (51)	3910 (56)	3770 (60)	3250 (62)	4600 (54)	4490 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	3420 (49)	3270 (54)	3140 (58)	2920 (60)	3910 (52)	3800 (57)	3690 (60)	3210 (64)	4250 (57)	4180 (59)	3920 (62)	3430 (66)	105
110	2850 (46)	2700 (51)	2570 (56)	2450 (58)	3290 (49)	3190 (54)	3090 (58)	2900 (62)	3580 (54)	3530 (56)	3470 (60)	3090 (64)	110
115	2330 (44)	2190 (49)	2060 (54)	1940 (57)	2730 (46)	2630 (52)	2540 (56)	2460 (60)	2990 (51)	2930 (54)	2880 (58)	2750 (62)	115
120	1870 (41)	1720 (47)	1600 (51)	1480 (55)	2220 (43)	2130 (49)	2040 (54)	1960 (58)	2440 (48)	2390 (51)	2340 (56)	2290 (60)	120
125	1440 (37)	1300 (44)	1180 (49)	1060 (53)	1750 (40)	1670 (47)	1580 (52)	1500 (56)	1930 (45)	1900 (48)	1850 (53)	1810 (58)	125
130	1060 (34)	920 (41)			1320 (37)	1240 (44)	1160 (49)	1090 (54)	1470 (42)	1450 (45)	1410 (51)	1360 (55)	130
135					930 (33)	850 (41)			1030 (38)	1020 (42)	990 (48)	950 (53)	135
140													140
145													145
150													150

CODES 103 113 123

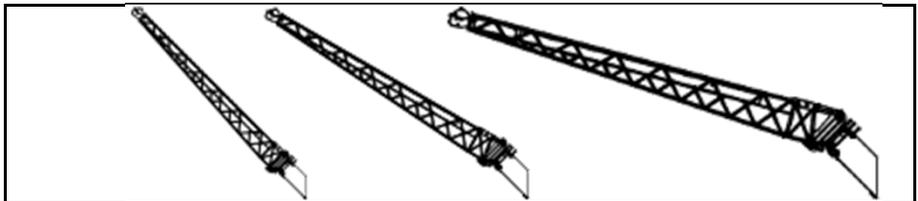
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 103				CODE 113				CODE 123				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6100 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5200 (56)	5040 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	4410 (54)	4250 (58)	4120 (62)	3600 (64)	5010 (57)	4890 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	3710 (51)	3560 (56)	3420 (60)	3250 (62)	4250 (54)	4140 (59)	4050 (62)	3560 (66)	4640 (59)	4570 (61)	4300 (65)	3760 (68)	100
105	3090 (49)	2940 (54)	2810 (58)	2690 (60)	3580 (52)	3470 (57)	3380 (60)	3210 (64)	3920 (57)	3850 (59)	3790 (62)	3430 (66)	105
110	2530 (46)	2390 (51)	2260 (56)	2140 (58)	2980 (49)	2870 (54)	2780 (58)	2700 (62)	3270 (54)	3220 (56)	3160 (60)	3090 (64)	110
115	2040 (44)	1890 (49)	1760 (54)	1650 (57)	2430 (46)	2330 (52)	2240 (56)	2160 (60)	2690 (51)	2640 (54)	2580 (58)	2530 (62)	115
120	1590 (41)	1440 (47)	1310 (51)	1200 (55)	1940 (43)	1840 (49)	1760 (54)	1680 (58)	2160 (48)	2110 (51)	2060 (56)	2010 (60)	120
125	1180 (37)	1030 (44)	910 (49)		1480 (40)	1400 (47)	1310 (52)	1230 (56)	1670 (45)	1630 (48)	1590 (53)	1540 (58)	125
130	800 (34)				1070 (37)	990 (44)	910 (49)	830 (54)	1210 (42)	1190 (45)	1150 (51)	1110 (55)	130
135													135
140													140
145													145
150													150

CODES 104 114 124

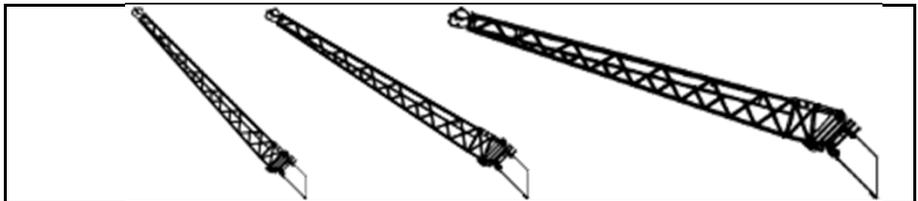
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 104				CODE 114				CODE 124				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6690 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	5680 (59)	5520 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	4800 (56)	4650 (60)	4510 (64)	3950 (65)	5460 (59)	5350 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	4040 (54)	3880 (58)	3750 (62)	3600 (64)	4640 (57)	4520 (61)	4430 (64)	3910 (67)	5070 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	3360 (51)	3210 (56)	3080 (60)	2960 (62)	3900 (54)	3790 (59)	3700 (62)	3560 (66)	4290 (59)	4220 (61)	4150 (65)	3760 (68)	100
105	2760 (49)	2610 (54)	2480 (58)	2360 (60)	3250 (52)	3150 (57)	3050 (60)	2960 (64)	3590 (57)	3530 (59)	3460 (62)	3400 (66)	105
110	2220 (46)	2080 (51)	1950 (56)	1830 (58)	2660 (49)	2560 (54)	2470 (58)	2390 (62)	2960 (54)	2900 (56)	2850 (60)	2790 (64)	110
115	1740 (44)	1600 (49)	1470 (54)	1350 (57)	2140 (46)	2040 (52)	1950 (56)	1870 (60)	2390 (51)	2340 (54)	2290 (58)	2230 (62)	115
120	1300 (41)	1160 (47)	1030 (51)	920 (55)	1660 (43)	1560 (49)	1480 (54)	1390 (58)	1880 (48)	1830 (51)	1780 (56)	1730 (60)	120
125	910 (37)				1220 (40)	1130 (47)	1050 (52)	970 (56)	1400 (45)	1360 (48)	1320 (53)	1270 (58)	125
130					810 (37)				960 (42)	930 (45)	890 (51)	850 (55)	130
135													135
140													140
145													145
150													150

CODES 105 115 125

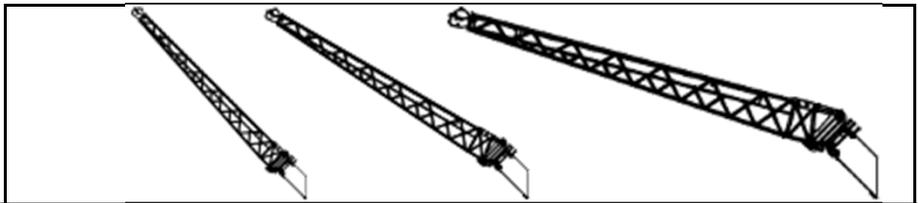
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 105				CODE 115				CODE 125				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6240 (61)	6080 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	5260 (59)	5100 (62)	4960 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	4410 (56)	4250 (60)	4120 (64)	3950 (65)	5070 (59)	4960 (63)	4860 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	3670 (54)	3510 (58)	3380 (62)	3260 (64)	4270 (57)	4150 (61)	4060 (64)	3910 (67)	4700 (61)	4630 (63)	4560 (67)	4090 (69)	95
100	3010 (51)	2860 (56)	2730 (60)	2610 (62)	3550 (54)	3450 (59)	3350 (62)	3260 (66)	3940 (59)	3870 (61)	3810 (65)	3740 (68)	100
105	2430 (49)	2280 (54)	2150 (58)	2040 (60)	2920 (52)	2820 (57)	2720 (60)	2640 (64)	3260 (57)	3200 (59)	3140 (62)	3080 (66)	105
110	1910 (46)	1770 (51)	1640 (56)	1520 (58)	2350 (49)	2250 (54)	2160 (58)	2080 (62)	2650 (54)	2590 (56)	2530 (60)	2480 (64)	110
115	1450 (44)	1300 (49)	1170 (54)	1060 (57)	1840 (46)	1740 (52)	1650 (56)	1570 (60)	2100 (51)	2050 (54)	1990 (58)	1940 (62)	115
120	1020 (41)	880 (47)			1370 (43)	1280 (49)	1200 (54)	1110 (58)	1600 (48)	1550 (51)	1500 (56)	1450 (60)	120
125					950 (40)	860 (47)			1130 (45)	1100 (48)	1050 (53)	1000 (58)	125
130													130
135													135
140													140
145													145
150													150

CODES 106 116 126

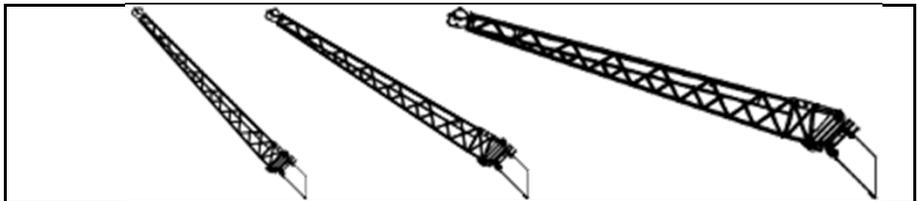
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 106				CODE 116				CODE 126				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	6890 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	5780 (61)	5620 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	4830 (59)	4680 (62)	4540 (65)	4320 (67)	5570 (61)	5450 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	4010 (56)	3860 (60)	3720 (64)	3600 (65)	4670 (59)	4560 (63)	4460 (66)	4240 (69)	5160 (64)	5080 (65)	4910 (68)	4440 (71)	90
95	3300 (54)	3140 (58)	3010 (62)	2890 (64)	3890 (57)	3780 (61)	3690 (64)	3600 (67)	4330 (61)	4260 (63)	4190 (67)	4090 (69)	95
100	2660 (51)	2510 (56)	2380 (60)	2260 (62)	3210 (54)	3100 (59)	3000 (62)	2910 (66)	3590 (59)	3520 (61)	3460 (65)	3400 (68)	100
105	2100 (49)	1950 (54)	1820 (58)	1710 (60)	2590 (52)	2490 (57)	2390 (60)	2310 (64)	2930 (57)	2870 (59)	2810 (62)	2750 (66)	105
110	1600 (46)	1450 (51)	1330 (56)	1210 (58)	2040 (49)	1940 (54)	1850 (58)	1760 (62)	2340 (54)	2280 (56)	2220 (60)	2170 (64)	110
115	1150 (44)	1010 (49)	880 (54)		1550 (46)	1450 (52)	1360 (56)	1280 (60)	1800 (51)	1750 (54)	1700 (58)	1640 (62)	115
120					1090 (43)	1000 (49)	910 (54)	830 (58)	1310 (48)	1270 (51)	1220 (56)	1170 (60)	120
125									860 (45)	830 (48)			125
130													130
135													135
140													140
145													145
150													150

CODES 107 117 127

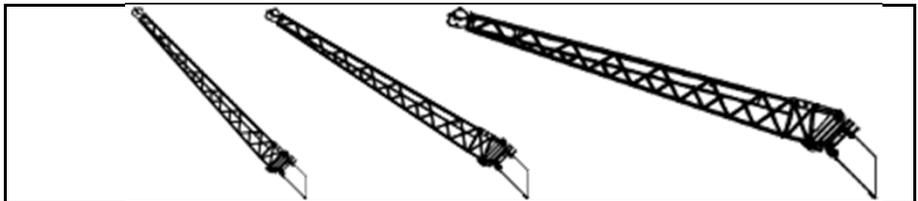
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 107				CODE 117				CODE 127				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	6390 (63)	6230 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	5320 (61)	5160 (64)	5020 (67)	4670 (69)	6140 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	4410 (59)	4250 (62)	4110 (65)	3990 (67)	5140 (61)	5030 (65)	4920 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	3620 (56)	3460 (60)	3330 (64)	3210 (65)	4280 (59)	4170 (63)	4070 (66)	3970 (69)	4770 (64)	4690 (65)	4620 (68)	4440 (71)	90
95	2930 (54)	2770 (58)	2640 (62)	2520 (64)	3520 (57)	3410 (61)	3320 (64)	3230 (67)	3960 (61)	3890 (63)	3820 (67)	3750 (69)	95
100	2320 (51)	2170 (56)	2030 (60)	1920 (62)	2860 (54)	2750 (59)	2650 (62)	2570 (66)	3240 (59)	3170 (61)	3110 (65)	3050 (68)	100
105	1770 (49)	1630 (54)	1490 (58)	1380 (60)	2260 (52)	2160 (57)	2070 (60)	1980 (64)	2610 (57)	2540 (59)	2480 (62)	2420 (66)	105
110	1290 (46)	1140 (51)	1010 (56)	900 (58)	1730 (49)	1630 (54)	1540 (58)	1450 (62)	2030 (54)	1970 (56)	1910 (60)	1860 (64)	110
115	860 (44)				1250 (46)	1150 (52)	1060 (56)	980 (60)	1510 (51)	1460 (54)	1400 (58)	1350 (62)	115
120					810 (43)				1030 (48)	990 (51)	940 (56)	890 (60)	120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 108 118 128

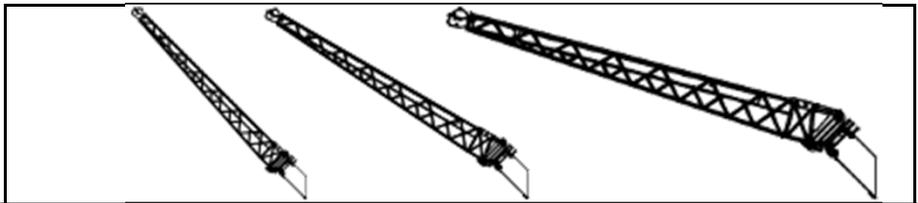
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 108				CODE 118				CODE 128				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7120 (65)	6960 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	5900 (63)	5740 (66)	5590 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	4870 (61)	4710 (64)	4570 (67)	4440 (69)	5680 (64)	5560 (67)	5460 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	3980 (59)	3830 (62)	3690 (65)	3570 (67)	4720 (61)	4600 (65)	4500 (68)	4410 (71)	5260 (66)	5180 (67)	5100 (70)	4760 (73)	85
90	3220 (56)	3070 (60)	2930 (64)	2810 (65)	3880 (59)	3770 (63)	3670 (66)	3580 (69)	4370 (64)	4290 (65)	4220 (68)	4160 (71)	90
95	2550 (54)	2400 (58)	2270 (62)	2150 (64)	3150 (57)	3040 (61)	2950 (64)	2860 (67)	3590 (61)	3520 (63)	3450 (67)	3380 (69)	95
100	1970 (51)	1820 (56)	1680 (60)	1570 (62)	2510 (54)	2400 (59)	2310 (62)	2220 (66)	2900 (59)	2830 (61)	2760 (65)	2700 (68)	100
105	1450 (49)	1300 (54)	1170 (58)	1050 (60)	1940 (52)	1830 (57)	1740 (60)	1650 (64)	2280 (57)	2210 (59)	2150 (62)	2090 (66)	105
110	980 (46)	830 (51)			1420 (49)	1320 (54)	1230 (58)	1140 (62)	1720 (54)	1660 (56)	1600 (60)	1540 (64)	110
115					960 (46)	860 (52)			1210 (51)	1160 (54)	1110 (58)	1050 (62)	115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 130 140 150

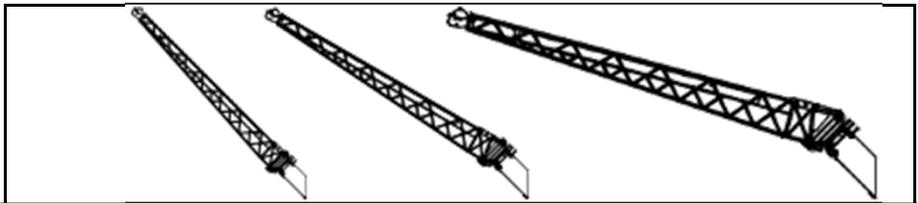
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 130				CODE 140				CODE 150				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5270 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4840 (51)	4280 (56)	3770 (60)	3250 (62)	5070 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	4430 (49)	3900 (54)	3410 (58)	2920 (60)	4650 (52)	4150 (57)	3690 (60)	3210 (64)	4760 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	4050 (46)	3540 (51)	3080 (56)	2610 (58)	4260 (49)	3770 (54)	3330 (58)	2900 (62)	4420 (54)	3970 (56)	3540 (60)	3090 (64)	110
115	3690 (44)	3200 (49)	2760 (54)	2290 (57)	3880 (46)	3420 (52)	3000 (56)	2590 (60)	4040 (51)	3600 (54)	3190 (58)	2750 (62)	115
120	3360 (41)	2890 (47)	2460 (51)	1990 (55)	3530 (43)	3080 (49)	2690 (54)	2290 (58)	3660 (48)	3240 (51)	2860 (56)	2420 (60)	120
125	3050 (37)	2590 (44)	2180 (49)	1700 (53)	3200 (40)	2770 (47)	2380 (52)	2020 (56)	3310 (45)	2910 (48)	2540 (53)	2090 (58)	125
130	2760 (34)	2310 (41)	1910 (47)	1400 (51)	2890 (37)	2470 (44)	2100 (49)	1740 (54)	2980 (42)	2600 (45)	2250 (51)	1790 (55)	130
135	2480 (30)	2040 (38)	1660 (44)	1100 (49)	2590 (33)	2190 (41)	1830 (47)	1470 (52)	2660 (38)	2300 (42)	1960 (48)	1330 (53)	135
140	2100 (26)	1790 (35)	1420 (42)	860 (47)	2270 (28)	1920 (38)	1570 (44)	1200 (49)	2330 (33)	2010 (39)	1700 (46)	1100 (51)	140
145	1750 (21)	1550 (32)	1190 (39)		1870 (22)	1660 (34)	1330 (41)	930 (47)	1880 (28)	1740 (35)	1440 (43)	900 (48)	145
150	1420 (13)	1300 (28)	990 (36)		1470 (13)	1410 (30)	1100 (39)			1480 (30)	1200 (39)		150
155		990 (24)				1120 (25)	890 (35)			1150 (25)	970 (36)		155
160													160

CODES 131 141 151

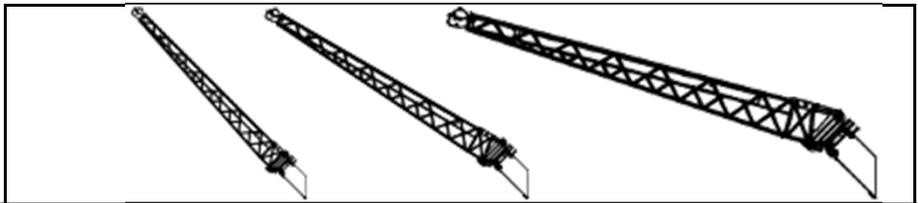
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 131				CODE 141				CODE 151				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5270 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4840 (51)	4280 (56)	3770 (60)	3250 (62)	5070 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	4430 (49)	3900 (54)	3410 (58)	2920 (60)	4650 (52)	4150 (57)	3690 (60)	3210 (64)	4760 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	4050 (46)	3540 (51)	3080 (56)	2610 (58)	4260 (49)	3770 (54)	3330 (58)	2900 (62)	4420 (54)	3970 (56)	3540 (60)	3090 (64)	110
115	3690 (44)	3200 (49)	2760 (54)	2290 (57)	3880 (46)	3420 (52)	3000 (56)	2590 (60)	4040 (51)	3600 (54)	3190 (58)	2750 (62)	115
120	3360 (41)	2890 (47)	2460 (51)	1990 (55)	3530 (43)	3080 (49)	2690 (54)	2290 (58)	3660 (48)	3240 (51)	2860 (56)	2420 (60)	120
125	3050 (37)	2590 (44)	2180 (49)	1700 (53)	3200 (40)	2770 (47)	2380 (52)	2020 (56)	3310 (45)	2910 (48)	2540 (53)	2090 (58)	125
130	2710 (34)	2310 (41)	1910 (47)	1400 (51)	2890 (37)	2470 (44)	2100 (49)	1740 (54)	2980 (42)	2600 (45)	2250 (51)	1790 (55)	130
135	2300 (30)	2040 (38)	1660 (44)	1100 (49)	2520 (33)	2190 (41)	1830 (47)	1470 (52)	2620 (38)	2300 (42)	1960 (48)	1330 (53)	135
140	1930 (26)	1790 (35)	1420 (42)	860 (47)	2100 (28)	1920 (38)	1570 (44)	1200 (49)	2160 (33)	2010 (39)	1700 (46)	1100 (51)	140
145	1580 (21)	1450 (32)	1190 (39)		1700 (22)	1660 (34)	1330 (41)	930 (47)	1710 (28)	1740 (35)	1440 (43)	900 (48)	145
150	1250 (13)	1130 (28)	990 (36)		1310 (13)	1310 (30)	1100 (39)			1370 (30)	1200 (39)		150
155		830 (24)				970 (25)	890 (35)			990 (25)	970 (36)		155
160													160

CODES 132 142 152

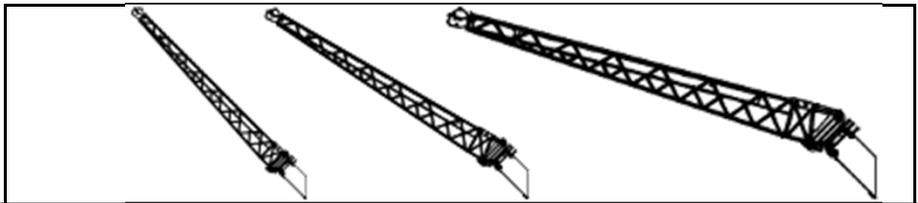
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 132				CODE 142				CODE 152				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5270 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4840 (51)	4280 (56)	3770 (60)	3250 (62)	5070 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	4430 (49)	3900 (54)	3410 (58)	2920 (60)	4650 (52)	4150 (57)	3690 (60)	3210 (64)	4760 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	4050 (46)	3540 (51)	3080 (56)	2610 (58)	4260 (49)	3770 (54)	3330 (58)	2900 (62)	4420 (54)	3970 (56)	3540 (60)	3090 (64)	110
115	3690 (44)	3200 (49)	2760 (54)	2290 (57)	3880 (46)	3420 (52)	3000 (56)	2590 (60)	4040 (51)	3600 (54)	3190 (58)	2750 (62)	115
120	3360 (41)	2890 (47)	2460 (51)	1990 (55)	3530 (43)	3080 (49)	2690 (54)	2290 (58)	3660 (48)	3240 (51)	2860 (56)	2420 (60)	120
125	2950 (37)	2590 (44)	2180 (49)	1700 (53)	3200 (40)	2770 (47)	2380 (52)	2020 (56)	3310 (45)	2910 (48)	2540 (53)	2090 (58)	125
130	2520 (34)	2310 (41)	1910 (47)	1400 (51)	2770 (37)	2470 (44)	2100 (49)	1740 (54)	2910 (42)	2600 (45)	2250 (51)	1790 (55)	130
135	2120 (30)	1990 (38)	1660 (44)	1100 (49)	2330 (33)	2190 (41)	1830 (47)	1470 (52)	2430 (38)	2300 (42)	1960 (48)	1330 (53)	135
140	1760 (26)	1620 (35)	1420 (42)	860 (47)	1930 (28)	1870 (38)	1570 (44)	1200 (49)	1980 (33)	2000 (39)	1700 (46)	1100 (51)	140
145	1410 (21)	1290 (32)	1170 (39)		1540 (22)	1490 (34)	1330 (41)	930 (47)	1540 (28)	1590 (35)	1440 (43)	900 (48)	145
150	1090 (13)	970 (28)	860 (36)		1150 (13)	1140 (30)	1090 (39)			1210 (30)	1200 (39)		150
155						810 (25)				840 (25)	870 (36)		155
160													160

CODES 133 143 153

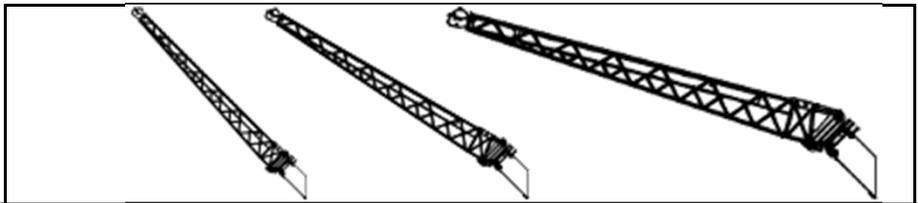
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 133				CODE 143				CODE 153				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5270 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4840 (51)	4280 (56)	3770 (60)	3250 (62)	5070 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	4430 (49)	3900 (54)	3410 (58)	2920 (60)	4650 (52)	4150 (57)	3690 (60)	3210 (64)	4760 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	4050 (46)	3540 (51)	3080 (56)	2610 (58)	4260 (49)	3770 (54)	3330 (58)	2900 (62)	4420 (54)	3970 (56)	3540 (60)	3090 (64)	110
115	3690 (44)	3200 (49)	2760 (54)	2290 (57)	3880 (46)	3420 (52)	3000 (56)	2590 (60)	4040 (51)	3600 (54)	3190 (58)	2750 (62)	115
120	3210 (41)	2890 (47)	2460 (51)	1990 (55)	3530 (43)	3080 (49)	2690 (54)	2290 (58)	3660 (48)	3240 (51)	2860 (56)	2420 (60)	120
125	2750 (37)	2590 (44)	2180 (49)	1700 (53)	3040 (40)	2770 (47)	2380 (52)	2020 (56)	3220 (45)	2910 (48)	2540 (53)	2090 (58)	125
130	2330 (34)	2190 (41)	1910 (47)	1400 (51)	2580 (37)	2470 (44)	2100 (49)	1740 (54)	2720 (42)	2600 (45)	2250 (51)	1790 (55)	130
135	1940 (30)	1810 (38)	1660 (44)	1100 (49)	2150 (33)	2080 (41)	1830 (47)	1470 (52)	2250 (38)	2240 (42)	1960 (48)	1330 (53)	135
140	1580 (26)	1450 (35)	1330 (42)	860 (47)	1750 (28)	1690 (38)	1570 (44)	1200 (49)	1810 (33)	1820 (39)	1700 (46)	1100 (51)	140
145	1250 (21)	1120 (32)	1000 (39)		1370 (22)	1330 (34)	1260 (41)	930 (47)	1370 (28)	1430 (35)	1410 (43)	900 (48)	145
150	930 (13)	810 (28)			980 (13)	980 (30)	930 (39)			1050 (30)	1050 (39)		150
155													155
160													160

CODES 134 144 154

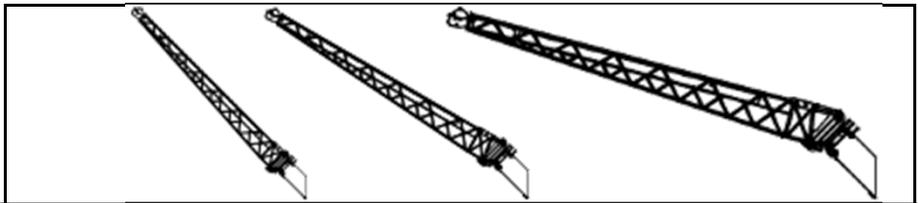
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 134				CODE 144				CODE 154				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5270 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4840 (51)	4280 (56)	3770 (60)	3250 (62)	5070 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	4430 (49)	3900 (54)	3410 (58)	2920 (60)	4650 (52)	4150 (57)	3690 (60)	3210 (64)	4760 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	4030 (46)	3540 (51)	3080 (56)	2610 (58)	4260 (49)	3770 (54)	3330 (58)	2900 (62)	4420 (54)	3970 (56)	3540 (60)	3090 (64)	110
115	3490 (44)	3200 (49)	2760 (54)	2290 (57)	3870 (46)	3420 (52)	3000 (56)	2590 (60)	4040 (51)	3600 (54)	3190 (58)	2750 (62)	115
120	3000 (41)	2860 (47)	2460 (51)	1990 (55)	3330 (43)	3080 (49)	2690 (54)	2290 (58)	3540 (48)	3240 (51)	2860 (56)	2420 (60)	120
125	2550 (37)	2420 (44)	2180 (49)	1700 (53)	2850 (40)	2760 (47)	2380 (52)	2020 (56)	3020 (45)	2910 (48)	2540 (53)	2090 (58)	125
130	2140 (34)	2010 (41)	1880 (47)	1400 (51)	2390 (37)	2310 (44)	2100 (49)	1740 (54)	2530 (42)	2510 (45)	2250 (51)	1790 (55)	130
135	1760 (30)	1630 (38)	1510 (44)	1100 (49)	1970 (33)	1900 (41)	1830 (47)	1470 (52)	2070 (38)	2060 (42)	1960 (48)	1330 (53)	135
140	1410 (26)	1280 (35)	1160 (42)	860 (47)	1580 (28)	1520 (38)	1450 (44)	1200 (49)	1640 (33)	1650 (39)	1630 (46)	1100 (51)	140
145	1080 (21)	950 (32)	830 (39)		1200 (22)	1160 (34)	1100 (41)	930 (47)	1210 (28)	1260 (35)	1250 (43)	900 (48)	145
150					820 (13)	820 (30)				890 (30)	890 (39)		150
155													155
160													160

CODES 135 145 155

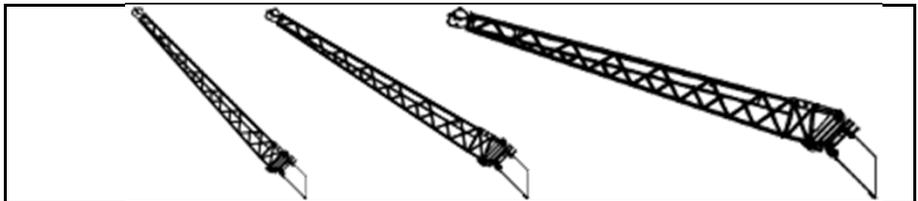
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 135				CODE 145				CODE 155				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5270 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4840 (51)	4280 (56)	3770 (60)	3250 (62)	5070 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	4390 (49)	3900 (54)	3410 (58)	2920 (60)	4650 (52)	4150 (57)	3690 (60)	3210 (64)	4760 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	3810 (46)	3540 (51)	3080 (56)	2610 (58)	4220 (49)	3770 (54)	3330 (58)	2900 (62)	4420 (54)	3970 (56)	3540 (60)	3090 (64)	110
115	3280 (44)	3140 (49)	2760 (54)	2290 (57)	3650 (46)	3420 (52)	3000 (56)	2590 (60)	3890 (51)	3600 (54)	3190 (58)	2750 (62)	115
120	2800 (41)	2660 (47)	2460 (51)	1990 (55)	3130 (43)	3040 (49)	2690 (54)	2290 (58)	3340 (48)	3240 (51)	2860 (56)	2420 (60)	120
125	2360 (37)	2220 (44)	2100 (49)	1700 (53)	2650 (40)	2560 (47)	2380 (52)	2020 (56)	2820 (45)	2790 (48)	2540 (53)	2090 (58)	125
130	1950 (34)	1820 (41)	1700 (47)	1400 (51)	2200 (37)	2130 (44)	2050 (49)	1740 (54)	2340 (42)	2320 (45)	2250 (51)	1790 (55)	130
135	1580 (30)	1450 (38)	1330 (44)	1100 (49)	1790 (33)	1720 (41)	1650 (47)	1470 (52)	1890 (38)	1880 (42)	1850 (48)	1330 (53)	135
140	1230 (26)	1100 (35)	980 (42)	860 (47)	1400 (28)	1340 (38)	1270 (44)	1200 (49)	1460 (33)	1480 (39)	1450 (46)	1100 (51)	140
145	910 (21)				1030 (22)	990 (34)	930 (41)	860 (47)	1040 (28)	1090 (35)	1080 (43)	900 (48)	145
150													150
155													155
160													160

CODES 136 146 156

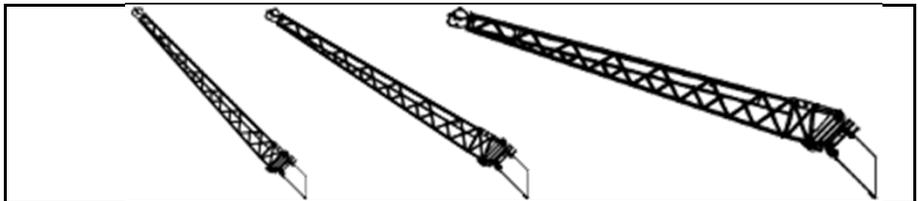
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 136				CODE 146				CODE 156				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5270 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4790 (51)	4280 (56)	3770 (60)	3250 (62)	5070 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	4160 (49)	3900 (54)	3410 (58)	2920 (60)	4610 (52)	4150 (57)	3690 (60)	3210 (64)	4760 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	3580 (46)	3440 (51)	3080 (56)	2610 (58)	4000 (49)	3770 (54)	3330 (58)	2900 (62)	4280 (54)	3970 (56)	3540 (60)	3090 (64)	110
115	3060 (44)	2920 (49)	2760 (54)	2290 (57)	3440 (46)	3340 (52)	3000 (56)	2590 (60)	3680 (51)	3600 (54)	3190 (58)	2750 (62)	115
120	2590 (41)	2450 (47)	2330 (51)	1990 (55)	2920 (43)	2830 (49)	2690 (54)	2290 (58)	3130 (48)	3090 (51)	2860 (56)	2420 (60)	120
125	2160 (37)	2020 (44)	1900 (49)	1700 (53)	2450 (40)	2370 (47)	2280 (52)	2020 (56)	2630 (45)	2590 (48)	2540 (53)	2090 (58)	125
130	1760 (34)	1630 (41)	1510 (47)	1400 (51)	2020 (37)	1940 (44)	1860 (49)	1740 (54)	2150 (42)	2130 (45)	2090 (51)	1790 (55)	130
135	1400 (30)	1260 (38)	1140 (44)	1040 (49)	1610 (33)	1540 (41)	1460 (47)	1390 (52)	1710 (38)	1700 (42)	1670 (48)	1330 (53)	135
140	1060 (26)	930 (35)	810 (42)		1230 (28)	1170 (38)	1100 (44)	1030 (49)	1290 (33)	1300 (39)	1280 (46)	1100 (51)	140
145					870 (22)	820 (34)			870 (28)	920 (35)	910 (43)	880 (48)	145
150													150
155													155
160													160

CODES 137 147 157

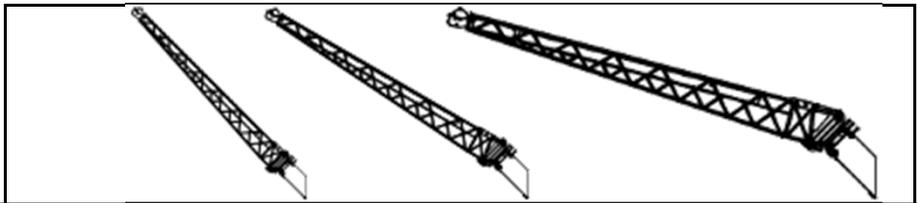
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 137				CODE 147				CODE 157				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5240 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4540 (51)	4280 (56)	3770 (60)	3250 (62)	5040 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	3920 (49)	3770 (54)	3410 (58)	2920 (60)	4370 (52)	4150 (57)	3690 (60)	3210 (64)	4690 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	3360 (46)	3210 (51)	3080 (56)	2610 (58)	3770 (49)	3670 (54)	3330 (58)	2900 (62)	4050 (54)	3970 (56)	3540 (60)	3090 (64)	110
115	2850 (44)	2710 (49)	2580 (54)	2290 (57)	3220 (46)	3130 (52)	3000 (56)	2590 (60)	3460 (51)	3410 (54)	3190 (58)	2750 (62)	115
120	2390 (41)	2250 (47)	2120 (51)	1990 (55)	2720 (43)	2630 (49)	2540 (54)	2290 (58)	2930 (48)	2880 (51)	2830 (56)	2420 (60)	120
125	1960 (37)	1830 (44)	1700 (49)	1590 (53)	2260 (40)	2170 (47)	2090 (52)	2010 (56)	2430 (45)	2390 (48)	2350 (53)	2090 (58)	125
130	1580 (34)	1440 (41)	1320 (47)	1210 (51)	1830 (37)	1750 (44)	1670 (49)	1590 (54)	1970 (42)	1940 (45)	1900 (51)	1790 (55)	130
135	1220 (30)	1080 (38)	960 (44)	850 (49)	1430 (33)	1360 (41)	1280 (47)	1210 (52)	1530 (38)	1520 (42)	1490 (48)	1330 (53)	135
140	890 (26)				1060 (28)	1000 (38)	930 (44)	850 (49)	1110 (33)	1130 (39)	1100 (46)	1070 (51)	140
145													145
150													150
155													155
160													160

CODES 138 148 158

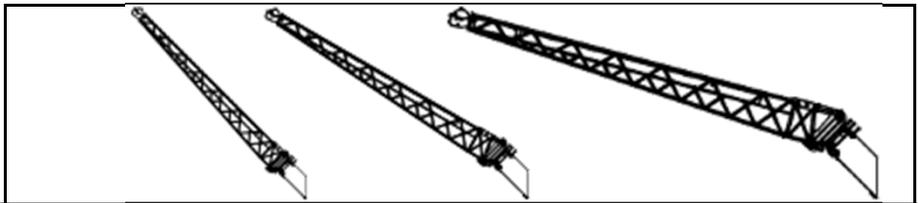
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 138				CODE 148				CODE 158				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5730 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	4970 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4290 (51)	4140 (56)	3770 (60)	3250 (62)	4790 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	3680 (49)	3540 (54)	3410 (58)	2920 (60)	4140 (52)	4040 (57)	3690 (60)	3210 (64)	4450 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	3130 (46)	2990 (51)	2860 (56)	2610 (58)	3540 (49)	3450 (54)	3330 (58)	2900 (62)	3820 (54)	3760 (56)	3540 (60)	3090 (64)	110
115	2630 (44)	2490 (49)	2370 (54)	2260 (57)	3000 (46)	2910 (52)	2820 (56)	2590 (60)	3250 (51)	3200 (54)	3140 (58)	2750 (62)	115
120	2180 (41)	2040 (47)	1920 (51)	1810 (55)	2510 (43)	2420 (49)	2340 (54)	2250 (58)	2720 (48)	2670 (51)	2620 (56)	2420 (60)	120
125	1770 (37)	1630 (44)	1510 (49)	1400 (53)	2060 (40)	1970 (47)	1890 (52)	1810 (56)	2230 (45)	2200 (48)	2150 (53)	2090 (58)	125
130	1390 (34)	1250 (41)	1130 (47)	1020 (51)	1640 (37)	1560 (44)	1480 (49)	1400 (54)	1780 (42)	1750 (45)	1710 (51)	1670 (55)	130
135	1040 (30)	900 (38)			1250 (33)	1180 (41)	1100 (47)	1030 (52)	1350 (38)	1340 (42)	1310 (48)	1270 (53)	135
140					880 (28)	820 (38)			940 (33)	950 (39)	930 (46)	890 (51)	140
145													145
150													150
155													155
160													160

CODES 200 210 220

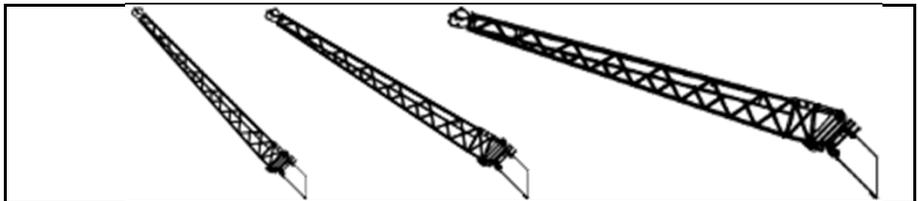
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 200				CODE 210				CODE 220				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8000 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	6700 (65)	6540 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	5600 (63)	5440 (66)	5300 (69)	4800 (70)	6380 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	4660 (61)	4500 (64)	4360 (67)	4240 (69)	5360 (64)	5240 (67)	5130 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	3840 (59)	3680 (62)	3550 (65)	3430 (67)	4480 (61)	4360 (65)	4250 (68)	4160 (71)	4940 (66)	4860 (67)	4780 (70)	4700 (73)	85
90	3120 (56)	2970 (60)	2830 (64)	2710 (65)	3700 (59)	3590 (63)	3480 (66)	3390 (69)	4120 (64)	4030 (65)	3960 (68)	3890 (71)	90
95	2490 (54)	2340 (58)	2210 (62)	2090 (64)	3020 (57)	2900 (61)	2800 (64)	2710 (67)	3390 (61)	3310 (63)	3230 (67)	3160 (69)	95
100	1930 (51)	1780 (56)	1650 (60)	1530 (62)	2410 (54)	2290 (59)	2190 (62)	2100 (66)	2740 (59)	2660 (61)	2590 (65)	2520 (68)	100
105	1430 (49)	1280 (54)	1140 (58)	1030 (60)	1860 (52)	1750 (57)	1650 (60)	1560 (64)	2150 (57)	2080 (59)	2010 (62)	1940 (66)	105
110	970 (46)	820 (51)			1360 (49)	1260 (54)	1160 (58)	1070 (62)	1620 (54)	1550 (56)	1480 (60)	1420 (64)	110
115					910 (46)	810 (52)			1130 (51)	1070 (54)	1010 (58)	950 (62)	115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 201 211 221

FIXED JIB



8,750



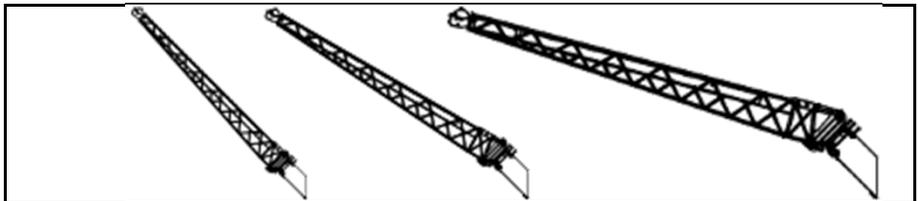
20'-0"



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 201				CODE 211				CODE 221				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	7610 (67)	7450 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	6340 (65)	6180 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	5270 (63)	5110 (66)	4970 (69)	4800 (70)	6040 (66)	5920 (69)	5810 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	4350 (61)	4190 (64)	4050 (67)	3930 (69)	5050 (64)	4930 (67)	4820 (70)	4730 (73)	5570 (68)	5480 (69)	5290 (72)	4650 (74)	80
85	3550 (59)	3400 (62)	3260 (65)	3140 (67)	4190 (61)	4070 (65)	3960 (68)	3870 (71)	4650 (66)	4570 (67)	4490 (70)	4420 (73)	85
90	2850 (56)	2700 (60)	2560 (64)	2440 (65)	3430 (59)	3320 (63)	3210 (66)	3120 (69)	3850 (64)	3760 (65)	3690 (68)	3620 (71)	90
95	2240 (54)	2090 (58)	1950 (62)	1830 (64)	2760 (57)	2650 (61)	2550 (64)	2450 (67)	3140 (61)	3050 (63)	2980 (67)	2910 (69)	95
100	1690 (51)	1540 (56)	1410 (60)	1290 (62)	2170 (54)	2050 (59)	1950 (62)	1860 (66)	2500 (59)	2420 (61)	2350 (65)	2280 (68)	100
105	1200 (49)	1050 (54)	920 (58)	800 (60)	1630 (52)	1520 (57)	1420 (60)	1330 (64)	1920 (57)	1850 (59)	1780 (62)	1710 (66)	105
110					1150 (49)	1040 (54)	940 (58)	850 (62)	1400 (54)	1330 (56)	1270 (60)	1200 (64)	110
115									930 (51)	870 (54)	800 (58)		115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 202 212 222

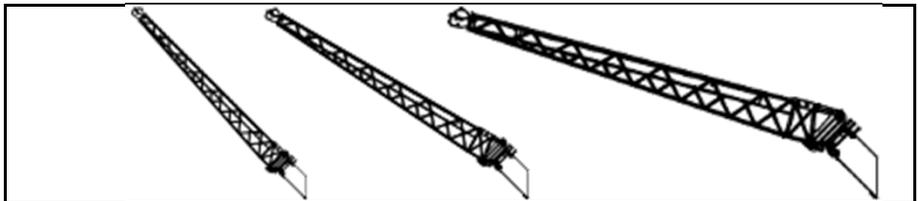
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 202				CODE 212				CODE 222				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	7220 (67)	7050 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	5980 (65)	5820 (68)	5680 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	4940 (63)	4780 (66)	4640 (69)	4520 (70)	5710 (66)	5590 (69)	5480 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	4040 (61)	3880 (64)	3750 (67)	3620 (69)	4740 (64)	4620 (67)	4510 (70)	4420 (73)	5260 (68)	5170 (69)	5090 (72)	4650 (74)	80
85	3260 (59)	3110 (62)	2970 (65)	2850 (67)	3900 (61)	3780 (65)	3680 (68)	3580 (71)	4370 (66)	4280 (67)	4200 (70)	4130 (73)	85
90	2580 (56)	2430 (60)	2300 (64)	2170 (65)	3160 (59)	3050 (63)	2940 (66)	2850 (69)	3580 (64)	3500 (65)	3420 (68)	3350 (71)	90
95	1980 (54)	1830 (58)	1700 (62)	1580 (64)	2510 (57)	2390 (61)	2290 (64)	2200 (67)	2880 (61)	2800 (63)	2730 (67)	2660 (69)	95
100	1450 (51)	1300 (56)	1170 (60)	1050 (62)	1930 (54)	1820 (59)	1710 (62)	1620 (66)	2260 (59)	2180 (61)	2110 (65)	2040 (68)	100
105	970 (49)	820 (54)			1400 (52)	1290 (57)	1200 (60)	1100 (64)	1700 (57)	1620 (59)	1550 (62)	1490 (66)	105
110					930 (49)	830 (54)			1190 (54)	1120 (56)	1050 (60)	990 (64)	110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 203 213 223

FIXED JIB



6,250



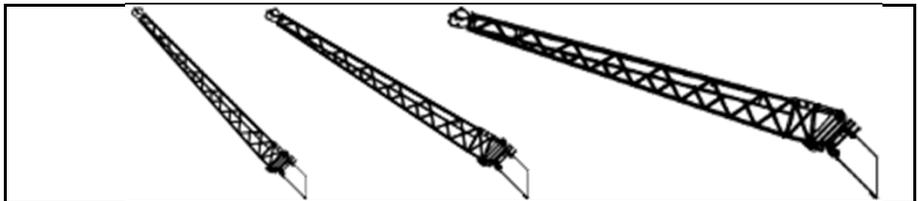
20'-0"



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 203				CODE 213				CODE 223				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8260 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	6820 (67)	6660 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	5620 (65)	5460 (68)	5320 (70)	4800 (72)	6480 (68)	6360 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	4600 (63)	4450 (66)	4310 (69)	4180 (70)	5380 (66)	5260 (69)	5150 (72)	5050 (74)	5960 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	3730 (61)	3580 (64)	3440 (67)	3320 (69)	4430 (64)	4310 (67)	4210 (70)	4110 (73)	4960 (68)	4870 (69)	4790 (72)	4650 (74)	80
85	2980 (59)	2820 (62)	2680 (65)	2560 (67)	3610 (61)	3490 (65)	3390 (68)	3290 (71)	4080 (66)	3990 (67)	3910 (70)	3840 (73)	85
90	2310 (56)	2160 (60)	2030 (64)	1900 (65)	2890 (59)	2780 (63)	2670 (66)	2580 (69)	3310 (64)	3230 (65)	3150 (68)	3080 (71)	90
95	1730 (54)	1580 (58)	1440 (62)	1320 (64)	2260 (57)	2140 (61)	2040 (64)	1940 (67)	2630 (61)	2550 (63)	2470 (67)	2400 (69)	95
100	1210 (51)	1060 (56)	930 (60)	810 (62)	1690 (54)	1580 (59)	1470 (62)	1380 (66)	2020 (59)	1940 (61)	1870 (65)	1800 (68)	100
105					1180 (52)	1070 (57)	970 (60)	880 (64)	1470 (57)	1400 (59)	1330 (62)	1260 (66)	105
110									970 (54)	900 (56)	840 (60)		110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 204 214 224

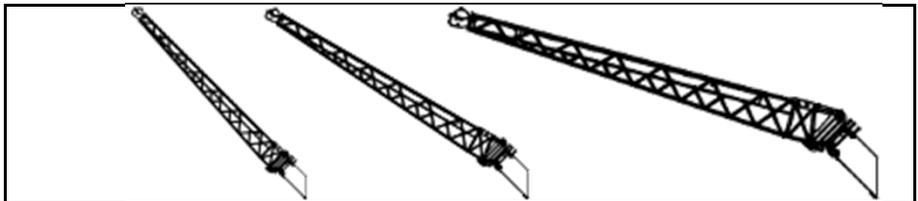
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 204				CODE 214				CODE 224				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	7830 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	6430 (67)	6270 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	5260 (65)	5100 (68)	4960 (70)	4800 (72)	6120 (68)	6000 (71)	5890 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	4270 (63)	4110 (66)	3970 (69)	3850 (70)	5050 (66)	4930 (69)	4820 (72)	4720 (74)	5630 (70)	5540 (71)	5460 (74)	5160 (76)	75
80	3420 (61)	3270 (64)	3130 (67)	3010 (69)	4130 (64)	4010 (67)	3900 (70)	3800 (73)	4650 (68)	4560 (69)	4480 (72)	4400 (74)	80
85	2690 (59)	2530 (62)	2400 (65)	2280 (67)	3330 (61)	3210 (65)	3100 (68)	3010 (71)	3790 (66)	3700 (67)	3630 (70)	3550 (73)	85
90	2040 (56)	1890 (60)	1760 (64)	1640 (65)	2620 (59)	2510 (63)	2400 (66)	2310 (69)	3040 (64)	2960 (65)	2880 (68)	2810 (71)	90
95	1480 (54)	1320 (58)	1190 (62)	1070 (64)	2000 (57)	1890 (61)	1780 (64)	1690 (67)	2370 (61)	2290 (63)	2220 (67)	2150 (69)	95
100	970 (51)	820 (56)			1450 (54)	1340 (59)	1230 (62)	1140 (66)	1780 (59)	1700 (61)	1630 (65)	1560 (68)	100
105					950 (52)	840 (57)			1240 (57)	1170 (59)	1100 (62)	1030 (66)	105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 205 215 225

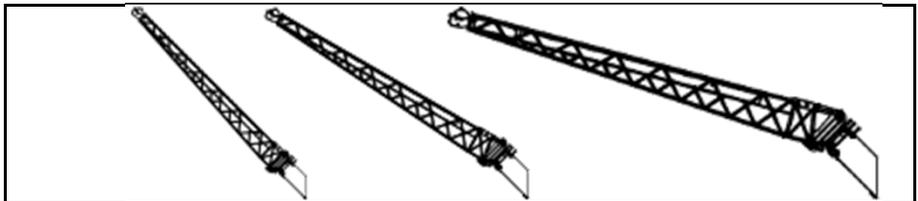
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 205				CODE 215				CODE 225				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	7400 (69)	7240 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	6040 (67)	5880 (70)	5700 (72)	4800 (74)	7000 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	4900 (65)	4740 (68)	4600 (70)	4480 (72)	5760 (68)	5640 (71)	5530 (73)	5430 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	3940 (63)	3780 (66)	3640 (69)	3520 (70)	4720 (66)	4590 (69)	4480 (72)	4390 (74)	5300 (70)	5210 (71)	5130 (74)	5050 (76)	75
80	3120 (61)	2960 (64)	2820 (67)	2700 (69)	3820 (64)	3700 (67)	3590 (70)	3490 (73)	4340 (68)	4250 (69)	4170 (72)	4100 (74)	80
85	2400 (59)	2250 (62)	2110 (65)	1990 (67)	3040 (61)	2920 (65)	2810 (68)	2720 (71)	3500 (66)	3420 (67)	3340 (70)	3270 (73)	85
90	1770 (56)	1620 (60)	1490 (64)	1370 (65)	2350 (59)	2240 (63)	2130 (66)	2040 (69)	2770 (64)	2690 (65)	2610 (68)	2540 (71)	90
95	1220 (54)	1070 (58)	940 (62)	820 (64)	1750 (57)	1630 (61)	1530 (64)	1440 (67)	2120 (61)	2040 (63)	1960 (67)	1890 (69)	95
100					1210 (54)	1100 (59)	990 (62)	900 (66)	1540 (59)	1460 (61)	1390 (65)	1320 (68)	100
105									1010 (57)	940 (59)	870 (62)	800 (66)	105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 206 216 226

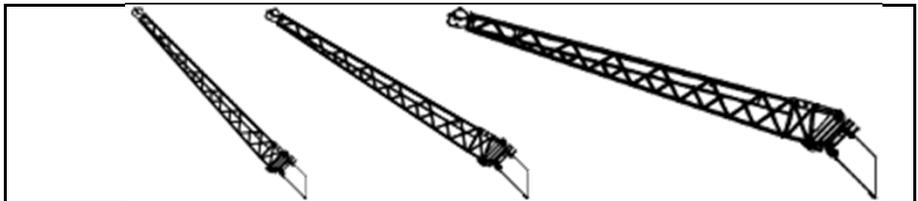
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 206				CODE 216				CODE 226				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	6970 (69)	6800 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	5650 (67)	5480 (70)	5340 (72)	4800 (74)	6600 (70)	6480 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	4540 (65)	4380 (68)	4240 (70)	4120 (72)	5400 (68)	5280 (71)	5170 (73)	5070 (76)	6060 (72)	5960 (73)	5760 (75)	5380 (77)	70
75	3610 (63)	3450 (66)	3310 (69)	3190 (70)	4380 (66)	4260 (69)	4150 (72)	4060 (74)	4970 (70)	4880 (71)	4790 (74)	4720 (76)	75
80	2810 (61)	2650 (64)	2510 (67)	2390 (69)	3510 (64)	3390 (67)	3280 (70)	3190 (73)	4030 (68)	3940 (69)	3860 (72)	3790 (74)	80
85	2110 (59)	1960 (62)	1820 (65)	1700 (67)	2750 (61)	2630 (65)	2530 (68)	2430 (71)	3220 (66)	3130 (67)	3050 (70)	2980 (73)	85
90	1500 (56)	1350 (60)	1220 (64)	1100 (65)	2080 (59)	1970 (63)	1860 (66)	1770 (69)	2500 (64)	2420 (65)	2340 (68)	2270 (71)	90
95	970 (54)	820 (58)			1490 (57)	1380 (61)	1280 (64)	1180 (67)	1870 (61)	1780 (63)	1710 (67)	1640 (69)	95
100					970 (54)	860 (59)			1300 (59)	1220 (61)	1150 (65)	1080 (68)	100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 207 217 227

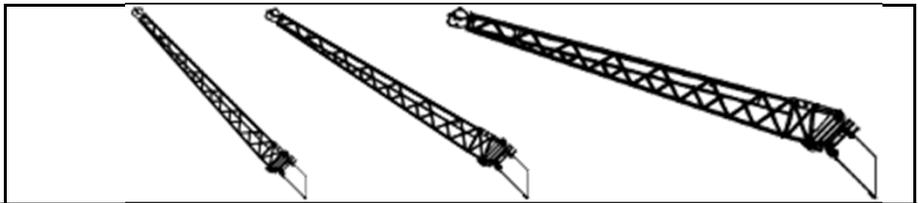
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 207				CODE 217				CODE 227				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8110 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	6540 (69)	6370 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	5250 (67)	5090 (70)	4950 (72)	4800 (74)	6210 (70)	6090 (72)	5970 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	4180 (65)	4020 (68)	3880 (70)	3760 (72)	5040 (68)	4920 (71)	4810 (73)	4710 (76)	5700 (72)	5600 (73)	5520 (75)	5380 (77)	70
75	3280 (63)	3120 (66)	2980 (69)	2860 (70)	4050 (66)	3930 (69)	3820 (72)	3720 (74)	4630 (70)	4540 (71)	4460 (74)	4390 (76)	75
80	2500 (61)	2340 (64)	2200 (67)	2080 (69)	3200 (64)	3080 (67)	2970 (70)	2880 (73)	3720 (68)	3630 (69)	3550 (72)	3480 (74)	80
85	1830 (59)	1670 (62)	1530 (65)	1410 (67)	2460 (61)	2340 (65)	2240 (68)	2140 (71)	2930 (66)	2840 (67)	2760 (70)	2690 (73)	85
90	1240 (56)	1080 (60)	950 (64)	830 (65)	1810 (59)	1700 (63)	1590 (66)	1500 (69)	2230 (64)	2150 (65)	2070 (68)	2000 (71)	90
95					1240 (57)	1130 (61)	1020 (64)	930 (67)	1610 (61)	1530 (63)	1460 (67)	1390 (69)	95
100									1060 (59)	980 (61)	910 (65)	840 (68)	100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 208 218 228

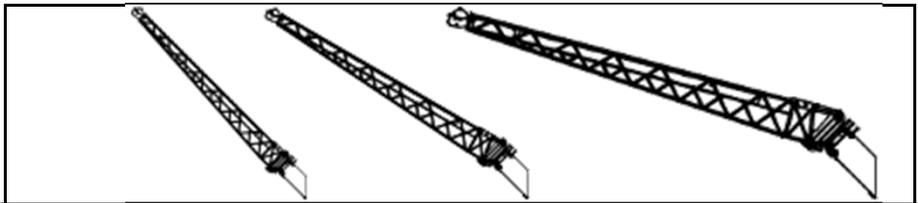
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 208				CODE 218				CODE 228				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	7630 (70)	7460 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	6110 (69)	5940 (71)	5700 (73)	4800 (75)	7180 (72)	7050 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	4860 (67)	4700 (70)	4560 (72)	4430 (74)	5820 (70)	5690 (72)	5580 (75)	5480 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	3820 (65)	3660 (68)	3520 (70)	3400 (72)	4680 (68)	4560 (71)	4450 (73)	4350 (76)	5340 (72)	5240 (73)	5160 (75)	5090 (77)	70
75	2940 (63)	2790 (66)	2650 (69)	2520 (70)	3720 (66)	3600 (69)	3490 (72)	3390 (74)	4300 (70)	4210 (71)	4130 (74)	4060 (76)	75
80	2190 (61)	2030 (64)	1900 (67)	1770 (69)	2890 (64)	2770 (67)	2660 (70)	2570 (73)	3410 (68)	3320 (69)	3240 (72)	3170 (74)	80
85	1540 (59)	1380 (62)	1250 (65)	1120 (67)	2170 (61)	2060 (65)	1950 (68)	1850 (71)	2640 (66)	2550 (67)	2470 (70)	2400 (73)	85
90	970 (56)	810 (60)			1540 (59)	1430 (63)	1320 (66)	1230 (69)	1960 (64)	1880 (65)	1800 (68)	1730 (71)	90
95					990 (57)	870 (61)			1360 (61)	1280 (63)	1200 (67)	1130 (69)	95
100									820 (59)				100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 230 240 250

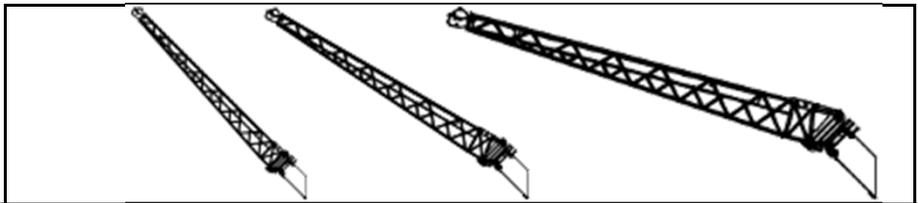
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 230				CODE 240				CODE 250				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5270 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4840 (51)	4280 (56)	3770 (60)	3250 (62)	5070 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	4430 (49)	3900 (54)	3410 (58)	2920 (60)	4650 (52)	4150 (57)	3690 (60)	3210 (64)	4760 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	4020 (46)	3540 (51)	3080 (56)	2610 (58)	4260 (49)	3770 (54)	3330 (58)	2900 (62)	4420 (54)	3970 (56)	3540 (60)	3090 (64)	110
115	3460 (44)	3200 (49)	2760 (54)	2290 (57)	3810 (46)	3420 (52)	3000 (56)	2590 (60)	4030 (51)	3600 (54)	3190 (58)	2750 (62)	115
120	2950 (41)	2810 (47)	2460 (51)	1990 (55)	3270 (43)	3080 (49)	2690 (54)	2290 (58)	3450 (48)	3240 (51)	2860 (56)	2420 (60)	120
125	2490 (37)	2350 (44)	2180 (49)	1700 (53)	2770 (40)	2670 (47)	2380 (52)	2020 (56)	2920 (45)	2870 (48)	2540 (53)	2090 (58)	125
130	2070 (34)	1930 (41)	1800 (47)	1400 (51)	2310 (37)	2220 (44)	2100 (49)	1740 (54)	2430 (42)	2390 (45)	2250 (51)	1790 (55)	130
135	1680 (30)	1540 (38)	1410 (44)	1100 (49)	1880 (33)	1800 (41)	1710 (47)	1470 (52)	1960 (38)	1940 (42)	1900 (48)	1330 (53)	135
140	1320 (26)	1180 (35)	1050 (42)	860 (47)	1470 (28)	1400 (38)	1330 (44)	1200 (49)	1520 (33)	1520 (39)	1490 (46)	1100 (51)	140
145	980 (21)	840 (32)			1090 (22)	1040 (34)	970 (41)	890 (47)	1080 (28)	1120 (35)	1100 (43)	900 (48)	145
150													150
155													155
160													160

CODES 231 241 251

FIXED JIB



8,750



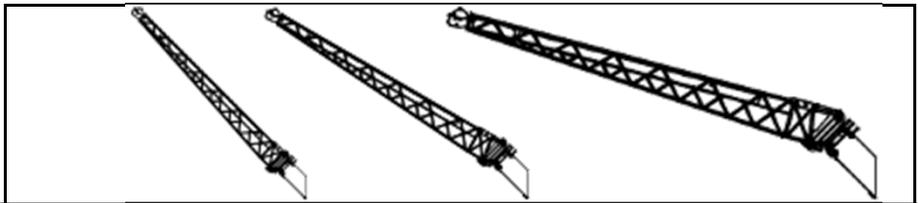
20'-0"



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 231				CODE 241				CODE 251				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5270 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4840 (51)	4280 (56)	3770 (60)	3250 (62)	5070 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	4400 (49)	3900 (54)	3410 (58)	2920 (60)	4650 (52)	4150 (57)	3690 (60)	3210 (64)	4760 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	3800 (46)	3540 (51)	3080 (56)	2610 (58)	4190 (49)	3770 (54)	3330 (58)	2900 (62)	4420 (54)	3970 (56)	3540 (60)	3090 (64)	110
115	3250 (44)	3110 (49)	2760 (54)	2290 (57)	3610 (46)	3420 (52)	3000 (56)	2590 (60)	3830 (51)	3600 (54)	3190 (58)	2750 (62)	115
120	2760 (41)	2610 (47)	2460 (51)	1990 (55)	3070 (43)	2970 (49)	2690 (54)	2290 (58)	3260 (48)	3200 (51)	2860 (56)	2420 (60)	120
125	2310 (37)	2160 (44)	2030 (49)	1700 (53)	2580 (40)	2490 (47)	2380 (52)	2020 (56)	2730 (45)	2690 (48)	2540 (53)	2090 (58)	125
130	1890 (34)	1750 (41)	1620 (47)	1400 (51)	2130 (37)	2040 (44)	1950 (49)	1740 (54)	2250 (42)	2210 (45)	2160 (51)	1790 (55)	130
135	1510 (30)	1360 (38)	1240 (44)	1100 (49)	1700 (33)	1620 (41)	1540 (47)	1460 (52)	1790 (38)	1770 (42)	1730 (48)	1330 (53)	135
140	1150 (26)	1010 (35)	890 (42)		1310 (28)	1240 (38)	1160 (44)	1080 (49)	1350 (33)	1350 (39)	1320 (46)	1100 (51)	140
145	820 (21)				930 (22)	880 (34)	810 (41)		920 (28)	960 (35)	940 (43)	900 (48)	145
150													150
155													155
160													160

CODES 232 242 252

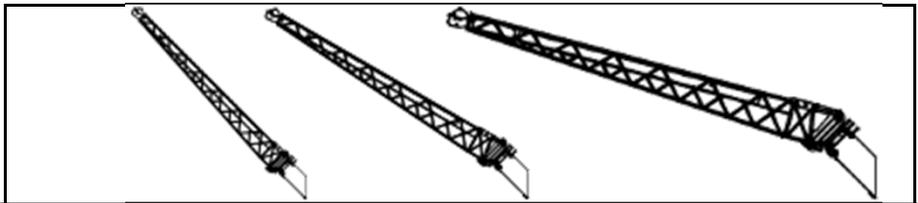
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 232				CODE 242				CODE 252				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5270 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4830 (51)	4280 (56)	3770 (60)	3250 (62)	5070 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	4180 (49)	3900 (54)	3410 (58)	2920 (60)	4610 (52)	4150 (57)	3690 (60)	3210 (64)	4760 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	3580 (46)	3440 (51)	3080 (56)	2610 (58)	3970 (49)	3770 (54)	3330 (58)	2900 (62)	4230 (54)	3970 (56)	3540 (60)	3090 (64)	110
115	3050 (44)	2900 (49)	2760 (54)	2290 (57)	3400 (46)	3300 (52)	3000 (56)	2590 (60)	3620 (51)	3560 (54)	3190 (58)	2750 (62)	115
120	2560 (41)	2420 (47)	2290 (51)	1990 (55)	2880 (43)	2780 (49)	2680 (54)	2290 (58)	3060 (48)	3010 (51)	2860 (56)	2420 (60)	120
125	2120 (37)	1970 (44)	1850 (49)	1700 (53)	2390 (40)	2300 (47)	2210 (52)	2020 (56)	2550 (45)	2500 (48)	2440 (53)	2090 (58)	125
130	1710 (34)	1570 (41)	1440 (47)	1330 (51)	1950 (37)	1860 (44)	1770 (49)	1690 (54)	2070 (42)	2030 (45)	1980 (51)	1790 (55)	130
135	1330 (30)	1190 (38)	1070 (44)	950 (49)	1530 (33)	1450 (41)	1370 (47)	1290 (52)	1620 (38)	1600 (42)	1550 (48)	1330 (53)	135
140	980 (26)	850 (35)			1140 (28)	1070 (38)	990 (44)	920 (49)	1190 (33)	1190 (39)	1150 (46)	1100 (51)	140
145										800 (35)			145
150													150
155													155
160													160

CODES 233 243 253

FIXED JIB



6,250



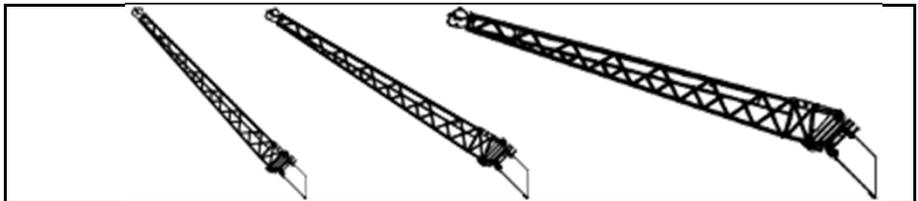
20'-0"



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 233				CODE 243				CODE 253				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5270 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4590 (51)	4280 (56)	3770 (60)	3250 (62)	5070 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	3950 (49)	3800 (54)	3410 (58)	2920 (60)	4380 (52)	4150 (57)	3690 (60)	3210 (64)	4670 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	3370 (46)	3220 (51)	3080 (56)	2610 (58)	3760 (49)	3650 (54)	3330 (58)	2900 (62)	4010 (54)	3950 (56)	3540 (60)	3090 (64)	110
115	2840 (44)	2700 (49)	2570 (54)	2290 (57)	3200 (46)	3090 (52)	3000 (56)	2590 (60)	3420 (51)	3350 (54)	3190 (58)	2750 (62)	115
120	2370 (41)	2220 (47)	2090 (51)	1980 (55)	2680 (43)	2580 (49)	2490 (54)	2290 (58)	2870 (48)	2810 (51)	2750 (56)	2420 (60)	120
125	1930 (37)	1790 (44)	1660 (49)	1540 (53)	2210 (40)	2110 (47)	2020 (52)	1940 (56)	2360 (45)	2310 (48)	2260 (53)	2090 (58)	125
130	1530 (34)	1390 (41)	1260 (47)	1150 (51)	1770 (37)	1680 (44)	1590 (49)	1510 (54)	1890 (42)	1850 (45)	1800 (51)	1750 (55)	130
135	1160 (30)	1020 (38)	890 (44)		1360 (33)	1280 (41)	1200 (47)	1120 (52)	1440 (38)	1420 (42)	1380 (48)	1330 (53)	135
140	820 (26)				980 (28)	910 (38)	830 (44)		1020 (33)	1020 (39)	990 (46)	940 (51)	140
145													145
150													150
155													155
160													160

CODES 234 244 254

FIXED JIB



5,000



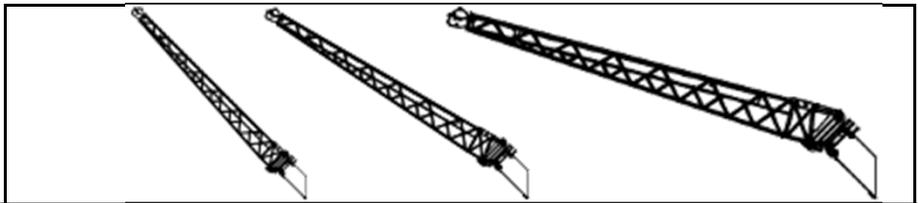
20'-0"



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 234				CODE 244				CODE 254				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5060 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4350 (51)	4200 (56)	3770 (60)	3250 (62)	4830 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	3720 (49)	3570 (54)	3410 (58)	2920 (60)	4150 (52)	4040 (57)	3690 (60)	3210 (64)	4450 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	3150 (46)	3010 (51)	2870 (56)	2610 (58)	3540 (49)	3440 (54)	3330 (58)	2900 (62)	3800 (54)	3730 (56)	3540 (60)	3090 (64)	110
115	2640 (44)	2490 (49)	2360 (54)	2250 (57)	2990 (46)	2890 (52)	2790 (56)	2590 (60)	3210 (51)	3150 (54)	3080 (58)	2750 (62)	115
120	2170 (41)	2030 (47)	1900 (51)	1780 (55)	2480 (43)	2380 (49)	2290 (54)	2200 (58)	2670 (48)	2620 (51)	2560 (56)	2420 (60)	120
125	1740 (37)	1600 (44)	1470 (49)	1360 (53)	2020 (40)	1920 (47)	1830 (52)	1750 (56)	2170 (45)	2120 (48)	2070 (53)	2010 (58)	125
130	1350 (34)	1210 (41)	1080 (47)	970 (51)	1590 (37)	1500 (44)	1410 (49)	1330 (54)	1710 (42)	1670 (45)	1620 (51)	1570 (55)	130
135	990 (30)	850 (38)			1190 (33)	1110 (41)	1020 (47)	940 (52)	1270 (38)	1250 (42)	1210 (48)	1160 (53)	135
140					810 (28)				860 (33)	860 (39)	820 (46)		140
145													145
150													150
155													155
160													160

CODES 235 245 255

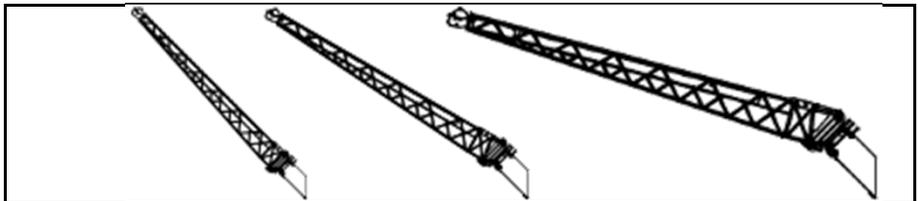
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 235				CODE 245				CODE 255				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5580 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	4800 (54)	4650 (58)	4150 (62)	3600 (64)	5330 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4110 (51)	3960 (56)	3770 (60)	3250 (62)	4590 (54)	4480 (59)	4060 (62)	3560 (66)	4920 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	3500 (49)	3350 (54)	3210 (58)	2920 (60)	3930 (52)	3820 (57)	3690 (60)	3210 (64)	4220 (57)	4150 (59)	3920 (62)	3430 (66)	105
110	2940 (46)	2790 (51)	2660 (56)	2540 (58)	3330 (49)	3220 (54)	3120 (58)	2900 (62)	3580 (54)	3520 (56)	3450 (60)	3090 (64)	110
115	2430 (44)	2290 (49)	2160 (54)	2040 (57)	2780 (46)	2680 (52)	2590 (56)	2500 (60)	3010 (51)	2940 (54)	2880 (58)	2750 (62)	115
120	1980 (41)	1830 (47)	1700 (51)	1580 (55)	2290 (43)	2190 (49)	2100 (54)	2010 (58)	2470 (48)	2420 (51)	2360 (56)	2300 (60)	120
125	1560 (37)	1410 (44)	1280 (49)	1170 (53)	1830 (40)	1740 (47)	1650 (52)	1560 (56)	1980 (45)	1940 (48)	1880 (53)	1830 (58)	125
130	1170 (34)	1030 (41)	900 (47)		1410 (37)	1320 (44)	1230 (49)	1150 (54)	1530 (42)	1490 (45)	1440 (51)	1390 (55)	130
135	820 (30)				1020 (33)	930 (41)	850 (47)		1100 (38)	1080 (42)	1040 (48)	990 (53)	135
140													140
145													145
150													150
155													155
160													160

CODES 236 246 256

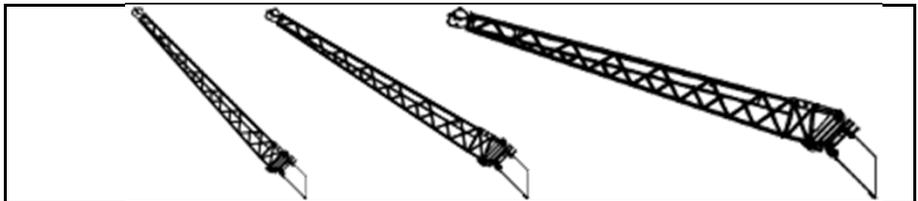
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 236				CODE 246				CODE 256				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6170 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5310 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	4550 (54)	4400 (58)	4150 (62)	3600 (64)	5080 (57)	4960 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	3870 (51)	3720 (56)	3590 (60)	3250 (62)	4350 (54)	4240 (59)	4060 (62)	3560 (66)	4680 (59)	4600 (61)	4300 (65)	3760 (68)	100
105	3270 (49)	3120 (54)	2990 (58)	2870 (60)	3700 (52)	3590 (57)	3490 (60)	3210 (64)	3990 (57)	3920 (59)	3850 (62)	3430 (66)	105
110	2720 (46)	2570 (51)	2440 (56)	2330 (58)	3110 (49)	3010 (54)	2910 (58)	2820 (62)	3370 (54)	3300 (56)	3230 (60)	3090 (64)	110
115	2230 (44)	2080 (49)	1950 (54)	1840 (57)	2580 (46)	2480 (52)	2380 (56)	2290 (60)	2800 (51)	2740 (54)	2670 (58)	2610 (62)	115
120	1780 (41)	1630 (47)	1510 (51)	1390 (55)	2090 (43)	1990 (49)	1900 (54)	1810 (58)	2280 (48)	2220 (51)	2160 (56)	2100 (60)	120
125	1370 (37)	1230 (44)	1100 (49)	980 (53)	1640 (40)	1550 (47)	1460 (52)	1370 (56)	1800 (45)	1750 (48)	1700 (53)	1640 (58)	125
130	990 (34)	850 (41)			1230 (37)	1140 (44)	1050 (49)	970 (54)	1350 (42)	1310 (45)	1260 (51)	1210 (55)	130
135					840 (33)				930 (38)	910 (42)	860 (48)	810 (53)	135
140													140
145													145
150													150
155													155
160													160

CODES 237 247 257

FIXED JIB



1,250



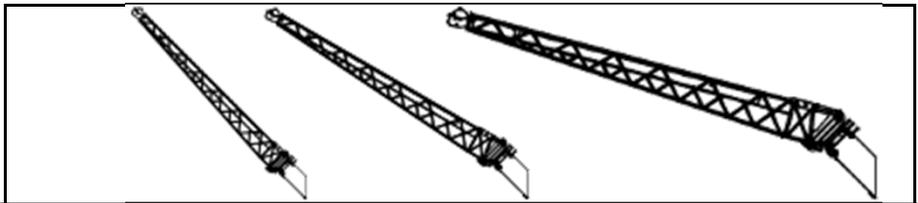
20'-0"



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 237				CODE 247				CODE 257				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	5880 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5040 (56)	4890 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	4300 (54)	4140 (58)	4010 (62)	3600 (64)	4820 (57)	4710 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	3630 (51)	3480 (56)	3350 (60)	3230 (62)	4110 (54)	4000 (59)	3900 (62)	3560 (66)	4440 (59)	4360 (61)	4290 (65)	3760 (68)	100
105	3040 (49)	2890 (54)	2760 (58)	2640 (60)	3470 (52)	3360 (57)	3260 (60)	3170 (64)	3770 (57)	3690 (59)	3620 (62)	3430 (66)	105
110	2510 (46)	2360 (51)	2230 (56)	2110 (58)	2900 (49)	2790 (54)	2690 (58)	2600 (62)	3150 (54)	3090 (56)	3020 (60)	2950 (64)	110
115	2020 (44)	1880 (49)	1750 (54)	1630 (57)	2370 (46)	2270 (52)	2180 (56)	2090 (60)	2600 (51)	2530 (54)	2470 (58)	2410 (62)	115
120	1580 (41)	1440 (47)	1310 (51)	1190 (55)	1900 (43)	1800 (49)	1700 (54)	1620 (58)	2080 (48)	2030 (51)	1970 (56)	1910 (60)	120
125	1180 (37)	1040 (44)	910 (49)		1460 (40)	1360 (47)	1270 (52)	1190 (56)	1610 (45)	1560 (48)	1510 (53)	1450 (58)	125
130	810 (34)				1050 (37)	960 (44)	870 (49)		1170 (42)	1130 (45)	1080 (51)	1030 (55)	130
135													135
140													140
145													145
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155													155
160													160

CODES 238 248 258

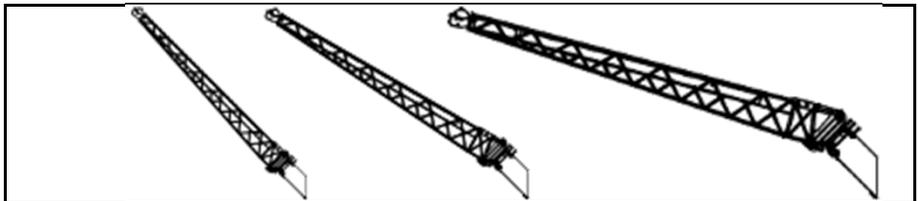
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 238				CODE 248				CODE 258				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6540 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	5600 (59)	5440 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	4770 (56)	4620 (60)	4480 (64)	3950 (65)	5350 (59)	5230 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	4040 (54)	3890 (58)	3760 (62)	3600 (64)	4570 (57)	4450 (61)	4350 (64)	3910 (67)	4940 (61)	4860 (63)	4700 (67)	4090 (69)	95
100	3400 (51)	3240 (56)	3110 (60)	2990 (62)	3870 (54)	3760 (59)	3660 (62)	3560 (66)	4200 (59)	4130 (61)	4050 (65)	3760 (68)	100
105	2820 (49)	2670 (54)	2530 (58)	2420 (60)	3250 (52)	3140 (57)	3040 (60)	2950 (64)	3540 (57)	3470 (59)	3400 (62)	3330 (66)	105
110	2290 (46)	2140 (51)	2010 (56)	1900 (58)	2680 (49)	2580 (54)	2480 (58)	2390 (62)	2940 (54)	2870 (56)	2800 (60)	2740 (64)	110
115	1820 (44)	1670 (49)	1540 (54)	1430 (57)	2170 (46)	2070 (52)	1970 (56)	1880 (60)	2390 (51)	2330 (54)	2260 (58)	2200 (62)	115
120	1390 (41)	1240 (47)	1110 (51)	1000 (55)	1700 (43)	1600 (49)	1510 (54)	1420 (58)	1890 (48)	1830 (51)	1770 (56)	1710 (60)	120
125	990 (37)	850 (44)			1270 (40)	1170 (47)	1080 (52)	1000 (56)	1420 (45)	1380 (48)	1320 (53)	1260 (58)	125
130					870 (37)				990 (42)	950 (45)	900 (51)	850 (55)	130
135													135
140													140
145													145
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155													155
160													160

CODES 300 310 320

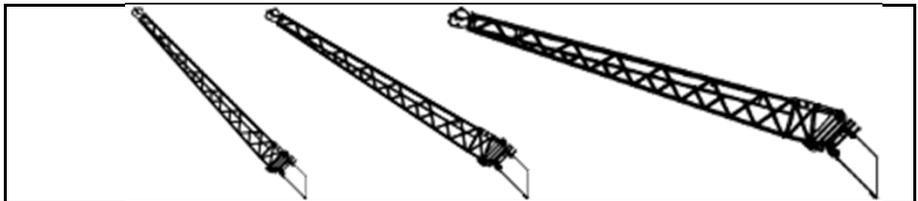
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 300				CODE 310				CODE 320				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	7470 (69)	7300 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	6130 (67)	5970 (70)	5700 (72)	4800 (74)	7070 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	5010 (65)	4850 (68)	4710 (70)	4590 (72)	5850 (68)	5730 (71)	5620 (73)	5520 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	4060 (63)	3900 (66)	3760 (69)	3640 (70)	4820 (66)	4700 (69)	4590 (72)	4490 (74)	5390 (70)	5300 (71)	5220 (74)	5140 (76)	75
80	3240 (61)	3090 (64)	2950 (67)	2830 (69)	3930 (64)	3810 (67)	3700 (70)	3610 (73)	4440 (68)	4350 (69)	4270 (72)	4200 (74)	80
85	2530 (59)	2380 (62)	2240 (65)	2120 (67)	3160 (61)	3040 (65)	2930 (68)	2840 (71)	3610 (66)	3530 (67)	3450 (70)	3380 (73)	85
90	1910 (56)	1750 (60)	1620 (64)	1500 (65)	2480 (59)	2360 (63)	2260 (66)	2160 (69)	2890 (64)	2800 (65)	2720 (68)	2650 (71)	90
95	1350 (54)	1200 (58)	1070 (62)	950 (64)	1870 (57)	1760 (61)	1660 (64)	1560 (67)	2240 (61)	2160 (63)	2080 (67)	2010 (69)	95
100	860 (51)				1330 (54)	1220 (59)	1120 (62)	1030 (66)	1660 (59)	1580 (61)	1510 (65)	1440 (68)	100
105					850 (52)				1140 (57)	1060 (59)	990 (62)	930 (66)	105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 301 311 321

FIXED JIB



8,750



17'-6"

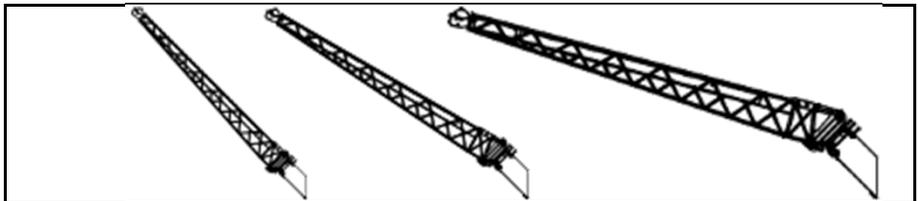


360°

RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 301				CODE 311				CODE 321				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	7070 (69)	6910 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	5770 (67)	5610 (70)	5470 (72)	4800 (74)	6710 (70)	6580 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	4680 (65)	4520 (68)	4380 (70)	4260 (72)	5520 (68)	5400 (71)	5290 (73)	5190 (76)	6160 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	3750 (63)	3600 (66)	3460 (69)	3340 (70)	4510 (66)	4390 (69)	4280 (72)	4190 (74)	5080 (70)	4990 (71)	4910 (74)	4840 (76)	75
80	2960 (61)	2800 (64)	2660 (67)	2540 (69)	3650 (64)	3530 (67)	3420 (70)	3320 (73)	4160 (68)	4070 (69)	3990 (72)	3910 (74)	80
85	2260 (59)	2110 (62)	1970 (65)	1850 (67)	2890 (61)	2770 (65)	2670 (68)	2570 (71)	3350 (66)	3260 (67)	3180 (70)	3110 (73)	85
90	1660 (56)	1500 (60)	1370 (64)	1250 (65)	2230 (59)	2110 (63)	2010 (66)	1910 (69)	2640 (64)	2550 (65)	2470 (68)	2400 (71)	90
95	1120 (54)	970 (58)	830 (62)		1640 (57)	1520 (61)	1420 (64)	1330 (67)	2000 (61)	1920 (63)	1850 (67)	1780 (69)	95
100					1110 (54)	1000 (59)	900 (62)	810 (66)	1440 (59)	1360 (61)	1290 (65)	1220 (68)	100
105									930 (57)	850 (59)			105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 302 312 322

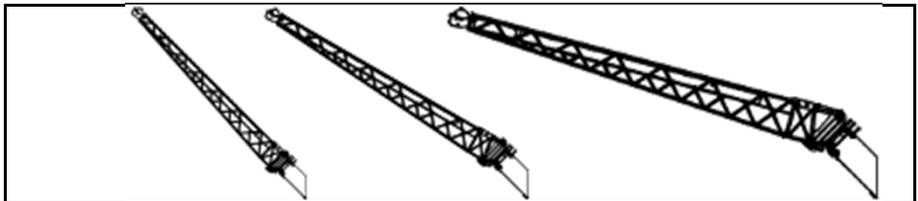
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 302				CODE 312				CODE 322				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8220 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	6680 (69)	6510 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	5410 (67)	5250 (70)	5110 (72)	4800 (74)	6340 (70)	6220 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	4350 (65)	4190 (68)	4050 (70)	3930 (72)	5190 (68)	5070 (71)	4960 (73)	4860 (76)	5830 (72)	5740 (73)	5650 (75)	5380 (77)	70
75	3450 (63)	3290 (66)	3150 (69)	3030 (70)	4210 (66)	4090 (69)	3980 (72)	3880 (74)	4780 (70)	4690 (71)	4610 (74)	4530 (76)	75
80	2670 (61)	2520 (64)	2380 (67)	2260 (69)	3360 (64)	3240 (67)	3130 (70)	3040 (73)	3870 (68)	3780 (69)	3700 (72)	3630 (74)	80
85	2000 (59)	1840 (62)	1710 (65)	1590 (67)	2620 (61)	2510 (65)	2400 (68)	2310 (71)	3080 (66)	3000 (67)	2920 (70)	2840 (73)	85
90	1410 (56)	1250 (60)	1120 (64)	1000 (65)	1980 (59)	1860 (63)	1760 (66)	1660 (69)	2390 (64)	2300 (65)	2230 (68)	2150 (71)	90
95	880 (54)				1400 (57)	1290 (61)	1190 (64)	1090 (67)	1770 (61)	1690 (63)	1610 (67)	1540 (69)	95
100					890 (54)				1210 (59)	1140 (61)	1060 (65)	1000 (68)	100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 303 313 323

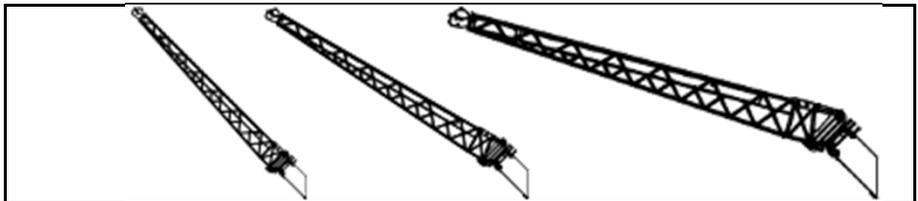
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 303				CODE 313				CODE 323				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	7780 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	6280 (69)	6120 (71)	5700 (73)	4800 (75)	7330 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	5050 (67)	4890 (70)	4750 (72)	4620 (74)	5980 (70)	5860 (72)	5750 (75)	5650 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	4020 (65)	3860 (68)	3720 (70)	3600 (72)	4860 (68)	4740 (71)	4630 (73)	4530 (76)	5500 (72)	5410 (73)	5320 (75)	5250 (77)	70
75	3140 (63)	2980 (66)	2850 (69)	2720 (70)	3900 (66)	3780 (69)	3670 (72)	3580 (74)	4470 (70)	4380 (71)	4300 (74)	4230 (76)	75
80	2390 (61)	2230 (64)	2100 (67)	1970 (69)	3080 (64)	2960 (67)	2850 (70)	2750 (73)	3590 (68)	3500 (69)	3420 (72)	3350 (74)	80
85	1730 (59)	1580 (62)	1440 (65)	1320 (67)	2360 (61)	2240 (65)	2130 (68)	2040 (71)	2820 (66)	2730 (67)	2650 (70)	2580 (73)	85
90	1160 (56)	1000 (60)	870 (64)		1730 (59)	1610 (63)	1510 (66)	1410 (69)	2140 (64)	2050 (65)	1980 (68)	1900 (71)	90
95					1170 (57)	1050 (61)	950 (64)	860 (67)	1530 (61)	1450 (63)	1380 (67)	1310 (69)	95
100									990 (59)	910 (61)	840 (65)		100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
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145													145
150													150

CODES 304 314 324

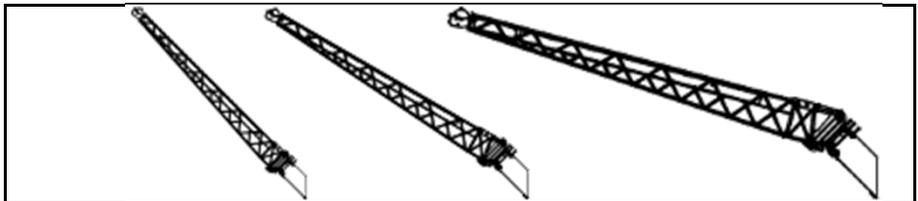
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 304				CODE 314				CODE 324				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	7340 (70)	7180 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	5890 (69)	5720 (71)	5580 (73)	4800 (75)	6930 (72)	6810 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	4690 (67)	4530 (70)	4390 (72)	4260 (74)	5620 (70)	5500 (72)	5390 (75)	5290 (77)	6340 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	3690 (65)	3530 (68)	3390 (70)	3260 (72)	4530 (68)	4400 (71)	4300 (73)	4200 (76)	5170 (72)	5070 (73)	4990 (75)	4920 (77)	70
75	2830 (63)	2680 (66)	2540 (69)	2420 (70)	3600 (66)	3470 (69)	3370 (72)	3270 (74)	4170 (70)	4080 (71)	3990 (74)	3920 (76)	75
80	2100 (61)	1950 (64)	1810 (67)	1690 (69)	2790 (64)	2670 (67)	2570 (70)	2470 (73)	3300 (68)	3210 (69)	3130 (72)	3060 (74)	80
85	1470 (59)	1310 (62)	1180 (65)	1060 (67)	2090 (61)	1970 (65)	1870 (68)	1770 (71)	2550 (66)	2460 (67)	2380 (70)	2310 (73)	85
90	910 (56)				1480 (59)	1360 (63)	1260 (66)	1160 (69)	1890 (64)	1800 (65)	1730 (68)	1650 (71)	90
95					930 (57)	820 (61)			1300 (61)	1220 (63)	1140 (67)	1070 (69)	95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 305 315 325

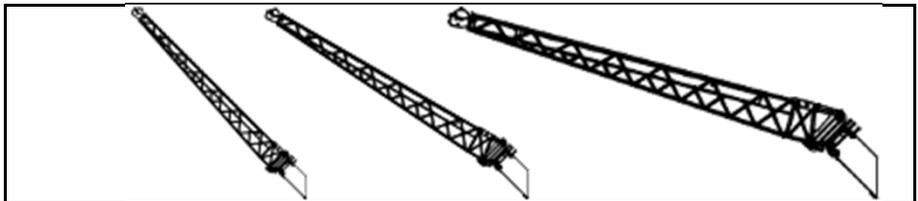
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 305				CODE 315				CODE 325				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	6900 (70)	6740 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	5490 (69)	5330 (71)	5180 (73)	4800 (75)	6540 (72)	6410 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	4330 (67)	4170 (70)	4030 (72)	3900 (74)	5260 (70)	5140 (72)	5030 (75)	4930 (77)	5980 (74)	5890 (75)	5810 (77)	5600 (79)	65
70	3350 (65)	3200 (68)	3060 (70)	2930 (72)	4200 (68)	4070 (71)	3960 (73)	3870 (76)	4840 (72)	4740 (73)	4660 (75)	4590 (77)	70
75	2530 (63)	2370 (66)	2230 (69)	2110 (70)	3290 (66)	3170 (69)	3060 (72)	2960 (74)	3860 (70)	3770 (71)	3690 (74)	3610 (76)	75
80	1820 (61)	1660 (64)	1530 (67)	1400 (69)	2510 (64)	2390 (67)	2280 (70)	2190 (73)	3020 (68)	2930 (69)	2850 (72)	2780 (74)	80
85	1200 (59)	1050 (62)	910 (65)		1830 (61)	1710 (65)	1600 (68)	1510 (71)	2280 (66)	2200 (67)	2120 (70)	2050 (73)	85
90					1230 (59)	1110 (63)	1010 (66)	910 (69)	1640 (64)	1550 (65)	1480 (68)	1410 (71)	90
95									1060 (61)	980 (63)	910 (67)	840 (69)	95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 306 316 326

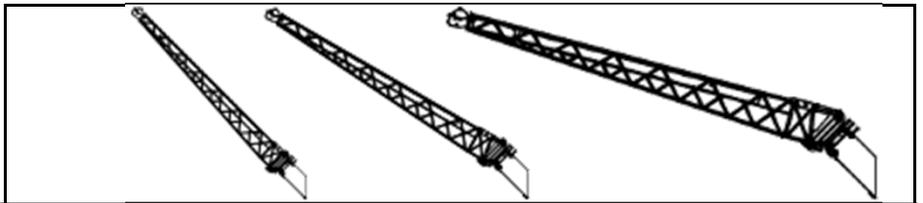
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 306				CODE 316				CODE 326				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8170 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	6460 (70)	6300 (73)	5700 (74)	4800 (76)	7640 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	5090 (69)	4930 (71)	4790 (73)	4660 (75)	6140 (72)	6010 (74)	5900 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	3970 (67)	3810 (70)	3670 (72)	3540 (74)	4900 (70)	4780 (72)	4670 (75)	4570 (77)	5620 (74)	5530 (75)	5450 (77)	5370 (79)	65
70	3020 (65)	2870 (68)	2730 (70)	2600 (72)	3870 (68)	3740 (71)	3630 (73)	3540 (76)	4500 (72)	4410 (73)	4330 (75)	4260 (77)	70
75	2220 (63)	2070 (66)	1930 (69)	1810 (70)	2980 (66)	2860 (69)	2750 (72)	2660 (74)	3550 (70)	3460 (71)	3380 (74)	3310 (76)	75
80	1530 (61)	1380 (64)	1240 (67)	1120 (69)	2220 (64)	2100 (67)	2000 (70)	1900 (73)	2730 (68)	2650 (69)	2560 (72)	2490 (74)	80
85	930 (59)				1560 (61)	1440 (65)	1340 (68)	1240 (71)	2020 (66)	1930 (67)	1850 (70)	1780 (73)	85
90					980 (59)	860 (63)			1390 (64)	1300 (65)	1230 (68)	1160 (71)	90
95									830 (61)				95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 307 317 327

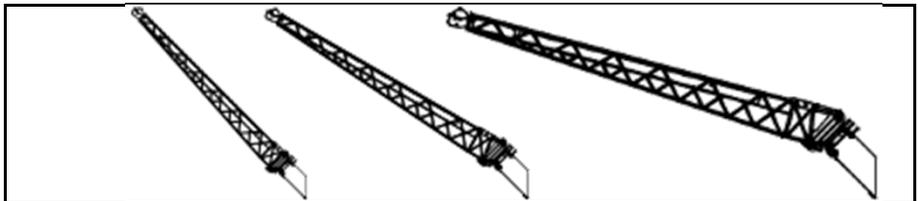
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 307				CODE 317				CODE 327				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	7670 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	6030 (70)	5860 (73)	5700 (74)	4800 (76)	7210 (73)	7080 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	4700 (69)	4540 (71)	4390 (73)	4270 (75)	5740 (72)	5620 (74)	5510 (76)	5410 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	3610 (67)	3450 (70)	3310 (72)	3180 (74)	4540 (70)	4420 (72)	4310 (75)	4210 (77)	5260 (74)	5170 (75)	5080 (77)	5010 (79)	65
70	2690 (65)	2530 (68)	2400 (70)	2270 (72)	3530 (68)	3410 (71)	3300 (73)	3210 (76)	4170 (72)	4080 (73)	4000 (75)	3930 (77)	70
75	1920 (63)	1760 (66)	1620 (69)	1500 (70)	2680 (66)	2560 (69)	2450 (72)	2350 (74)	3250 (70)	3160 (71)	3080 (74)	3000 (76)	75
80	1250 (61)	1090 (64)	960 (67)	840 (69)	1940 (64)	1820 (67)	1710 (70)	1620 (73)	2450 (68)	2360 (69)	2280 (72)	2210 (74)	80
85					1290 (61)	1180 (65)	1070 (68)	980 (71)	1750 (66)	1670 (67)	1590 (70)	1510 (73)	85
90									1140 (64)	1050 (65)	980 (68)	910 (71)	90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 308 318 328

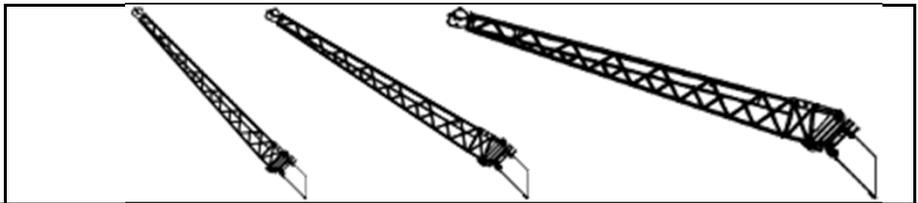
FIXED JIB



RADIUS (FT)	0° OFFSET CODE 308				15° OFFSET CODE 318				30° OFFSET CODE 328				RADIUS (FT)
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	7180 (72)	7010 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	5590 (70)	5420 (73)	5280 (74)	4800 (76)	6770 (73)	6640 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	4300 (69)	4140 (71)	4000 (73)	3870 (75)	5350 (72)	5220 (74)	5110 (76)	5010 (78)	6160 (76)	6070 (76)	5900 (78)		60
65	3250 (67)	3090 (70)	2940 (72)	2820 (74)	4180 (70)	4060 (72)	3950 (75)	3850 (77)	4900 (74)	4810 (75)	4720 (77)	4650 (79)	65
70	2360 (65)	2200 (68)	2060 (70)	1940 (72)	3200 (68)	3080 (71)	2970 (73)	2870 (76)	3840 (72)	3750 (73)	3670 (75)	3590 (77)	70
75	1610 (63)	1450 (66)	1320 (69)	1190 (70)	2370 (66)	2250 (69)	2140 (72)	2050 (74)	2940 (70)	2850 (71)	2770 (74)	2700 (76)	75
80	960 (61)	810 (64)			1650 (64)	1530 (67)	1430 (70)	1330 (73)	2160 (68)	2080 (69)	2000 (72)	1920 (74)	80
85					1030 (61)	910 (65)	810 (68)		1490 (66)	1400 (67)	1320 (70)	1250 (73)	85
90									890 (64)	800 (65)			90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

CODES 330 340 350

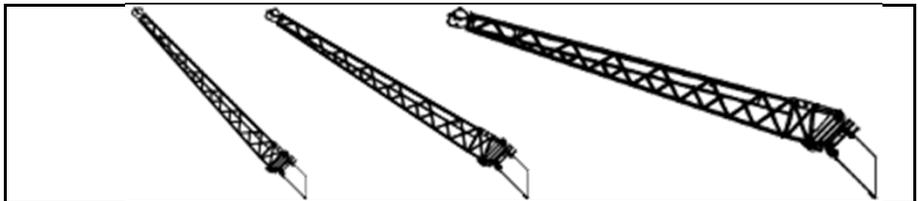
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 330				CODE 340				CODE 350				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5270 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4840 (51)	4280 (56)	3770 (60)	3250 (62)	5070 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	4430 (49)	3900 (54)	3410 (58)	2920 (60)	4650 (52)	4150 (57)	3690 (60)	3210 (64)	4760 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	4010 (46)	3540 (51)	3080 (56)	2610 (58)	4260 (49)	3770 (54)	3330 (58)	2900 (62)	4420 (54)	3970 (56)	3540 (60)	3090 (64)	110
115	3460 (44)	3200 (49)	2760 (54)	2290 (57)	3810 (46)	3420 (52)	3000 (56)	2590 (60)	4030 (51)	3600 (54)	3190 (58)	2750 (62)	115
120	2950 (41)	2810 (47)	2460 (51)	1990 (55)	3260 (43)	3080 (49)	2690 (54)	2290 (58)	3450 (48)	3240 (51)	2860 (56)	2420 (60)	120
125	2490 (37)	2350 (44)	2180 (49)	1700 (53)	2760 (40)	2670 (47)	2380 (52)	2020 (56)	2920 (45)	2870 (48)	2540 (53)	2090 (58)	125
130	2070 (34)	1920 (41)	1800 (47)	1400 (51)	2300 (37)	2210 (44)	2100 (49)	1740 (54)	2420 (42)	2390 (45)	2250 (51)	1790 (55)	130
135	1670 (30)	1530 (38)	1410 (44)	1100 (49)	1870 (33)	1790 (41)	1710 (47)	1470 (52)	1960 (38)	1940 (42)	1890 (48)	1330 (53)	135
140	1310 (26)	1170 (35)	1050 (42)	860 (47)	1470 (28)	1400 (38)	1320 (44)	1200 (49)	1520 (33)	1520 (39)	1480 (46)	1100 (51)	140
145	980 (21)	840 (32)			1090 (22)	1040 (34)	960 (41)	890 (47)	1080 (28)	1120 (35)	1100 (43)	900 (48)	145
150													150
155													155
160													160

CODES 331 341 351

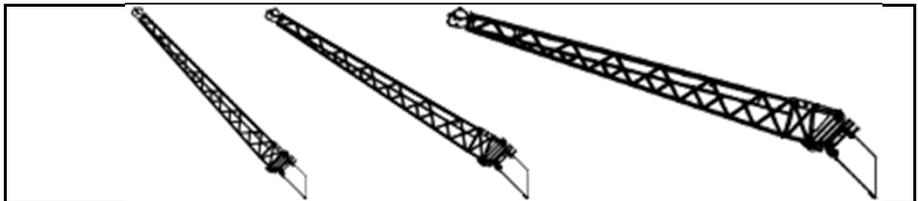
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 331				CODE 341				CODE 351				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5270 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4840 (51)	4280 (56)	3770 (60)	3250 (62)	5070 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	4400 (49)	3900 (54)	3410 (58)	2920 (60)	4650 (52)	4150 (57)	3690 (60)	3210 (64)	4760 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	3800 (46)	3540 (51)	3080 (56)	2610 (58)	4190 (49)	3770 (54)	3330 (58)	2900 (62)	4420 (54)	3970 (56)	3540 (60)	3090 (64)	110
115	3250 (44)	3100 (49)	2760 (54)	2290 (57)	3600 (46)	3420 (52)	3000 (56)	2590 (60)	3820 (51)	3600 (54)	3190 (58)	2750 (62)	115
120	2760 (41)	2610 (47)	2460 (51)	1990 (55)	3070 (43)	2970 (49)	2690 (54)	2290 (58)	3250 (48)	3200 (51)	2860 (56)	2420 (60)	120
125	2300 (37)	2160 (44)	2030 (49)	1700 (53)	2580 (40)	2480 (47)	2380 (52)	2020 (56)	2730 (45)	2680 (48)	2540 (53)	2090 (58)	125
130	1890 (34)	1740 (41)	1620 (47)	1400 (51)	2120 (37)	2030 (44)	1950 (49)	1740 (54)	2240 (42)	2210 (45)	2160 (51)	1790 (55)	130
135	1500 (30)	1360 (38)	1240 (44)	1100 (49)	1700 (33)	1620 (41)	1540 (47)	1460 (52)	1790 (38)	1760 (42)	1720 (48)	1330 (53)	135
140	1150 (26)	1010 (35)	880 (42)		1310 (28)	1240 (38)	1160 (44)	1080 (49)	1350 (33)	1350 (39)	1320 (46)	1100 (51)	140
145	820 (21)				930 (22)	880 (34)	800 (41)		920 (28)	960 (35)	940 (43)	900 (48)	145
150													150
155													155
160													160

CODES 332 342 352

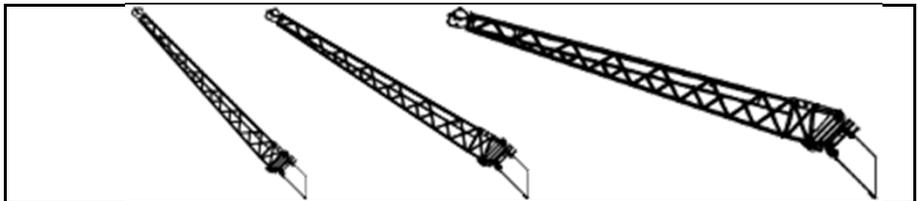
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 332				CODE 342				CODE 352				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5270 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4830 (51)	4280 (56)	3770 (60)	3250 (62)	5070 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	4170 (49)	3900 (54)	3410 (58)	2920 (60)	4600 (52)	4150 (57)	3690 (60)	3210 (64)	4760 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	3580 (46)	3430 (51)	3080 (56)	2610 (58)	3970 (49)	3770 (54)	3330 (58)	2900 (62)	4230 (54)	3970 (56)	3540 (60)	3090 (64)	110
115	3050 (44)	2900 (49)	2760 (54)	2290 (57)	3400 (46)	3290 (52)	3000 (56)	2590 (60)	3620 (51)	3550 (54)	3190 (58)	2750 (62)	115
120	2560 (41)	2410 (47)	2290 (51)	1990 (55)	2870 (43)	2770 (49)	2680 (54)	2290 (58)	3060 (48)	3000 (51)	2860 (56)	2420 (60)	120
125	2120 (37)	1970 (44)	1840 (49)	1700 (53)	2390 (40)	2300 (47)	2200 (52)	2020 (56)	2540 (45)	2500 (48)	2440 (53)	2090 (58)	125
130	1710 (34)	1560 (41)	1440 (47)	1320 (51)	1940 (37)	1860 (44)	1770 (49)	1690 (54)	2060 (42)	2030 (45)	1980 (51)	1790 (55)	130
135	1330 (30)	1190 (38)	1060 (44)	950 (49)	1530 (33)	1450 (41)	1370 (47)	1280 (52)	1610 (38)	1590 (42)	1550 (48)	1330 (53)	135
140	980 (26)	840 (35)			1140 (28)	1070 (38)	990 (44)	910 (49)	1180 (33)	1190 (39)	1150 (46)	1100 (51)	140
145										800 (35)			145
150													150
155													155
160													160

CODES 333 343 353

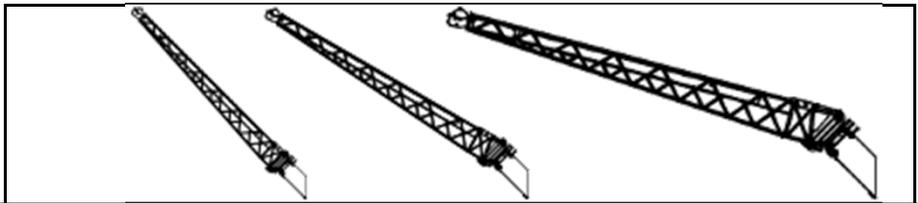
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 333				CODE 343				CODE 353				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5270 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4590 (51)	4280 (56)	3770 (60)	3250 (62)	5070 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	3940 (49)	3800 (54)	3410 (58)	2920 (60)	4380 (52)	4150 (57)	3690 (60)	3210 (64)	4670 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	3370 (46)	3220 (51)	3080 (56)	2610 (58)	3760 (49)	3650 (54)	3330 (58)	2900 (62)	4010 (54)	3940 (56)	3540 (60)	3090 (64)	110
115	2840 (44)	2690 (49)	2560 (54)	2290 (57)	3190 (46)	3090 (52)	2990 (56)	2590 (60)	3410 (51)	3350 (54)	3190 (58)	2750 (62)	115
120	2360 (41)	2220 (47)	2090 (51)	1970 (55)	2680 (43)	2580 (49)	2480 (54)	2290 (58)	2860 (48)	2810 (51)	2750 (56)	2420 (60)	120
125	1930 (37)	1780 (44)	1660 (49)	1540 (53)	2200 (40)	2110 (47)	2020 (52)	1930 (56)	2360 (45)	2310 (48)	2250 (53)	2090 (58)	125
130	1530 (34)	1380 (41)	1260 (47)	1140 (51)	1760 (37)	1680 (44)	1590 (49)	1510 (54)	1880 (42)	1850 (45)	1800 (51)	1750 (55)	130
135	1160 (30)	1020 (38)	890 (44)		1360 (33)	1280 (41)	1190 (47)	1110 (52)	1440 (38)	1420 (42)	1380 (48)	1330 (53)	135
140	820 (26)				970 (28)	900 (38)	830 (44)		1020 (33)	1020 (39)	990 (46)	940 (51)	140
145													145
150													150
155													155
160													160

CODES 334 344 354

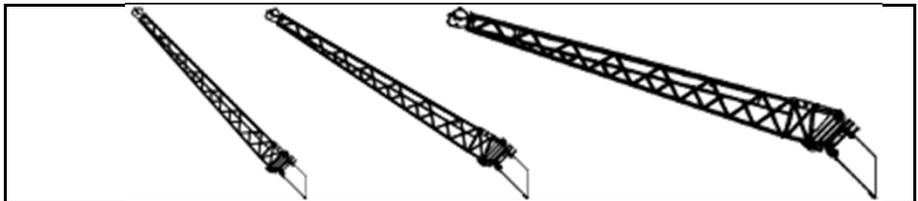
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 334				CODE 344				CODE 354				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5740 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	5050 (54)	4690 (58)	4150 (62)	3600 (64)	5390 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4350 (51)	4200 (56)	3770 (60)	3250 (62)	4830 (54)	4560 (59)	4060 (62)	3560 (66)	4940 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	3720 (49)	3570 (54)	3410 (58)	2920 (60)	4150 (52)	4040 (57)	3690 (60)	3210 (64)	4440 (57)	4350 (59)	3920 (62)	3430 (66)	105
110	3150 (46)	3000 (51)	2870 (56)	2610 (58)	3540 (49)	3430 (54)	3330 (58)	2900 (62)	3800 (54)	3730 (56)	3540 (60)	3090 (64)	110
115	2640 (44)	2490 (49)	2360 (54)	2240 (57)	2990 (46)	2880 (52)	2790 (56)	2590 (60)	3210 (51)	3140 (54)	3080 (58)	2750 (62)	115
120	2170 (41)	2020 (47)	1890 (51)	1780 (55)	2480 (43)	2380 (49)	2290 (54)	2200 (58)	2670 (48)	2610 (51)	2550 (56)	2420 (60)	120
125	1740 (37)	1600 (44)	1470 (49)	1350 (53)	2020 (40)	1920 (47)	1830 (52)	1750 (56)	2170 (45)	2120 (48)	2070 (53)	2010 (58)	125
130	1350 (34)	1210 (41)	1080 (47)	960 (51)	1580 (37)	1500 (44)	1410 (49)	1330 (54)	1700 (42)	1670 (45)	1620 (51)	1570 (55)	130
135	990 (30)	850 (38)			1180 (33)	1100 (41)	1020 (47)	940 (52)	1270 (38)	1250 (42)	1210 (48)	1160 (53)	135
140					810 (28)				850 (33)	850 (39)	820 (46)		140
145													145
150													150
155													155
160													160

CODES 335 345 355

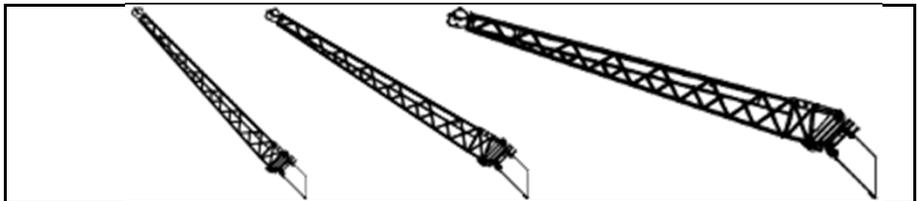
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 335				CODE 345				CODE 355				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6250 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5580 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	4800 (54)	4650 (58)	4150 (62)	3600 (64)	5330 (57)	4980 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	4110 (51)	3960 (56)	3770 (60)	3250 (62)	4590 (54)	4470 (59)	4060 (62)	3560 (66)	4920 (59)	4750 (61)	4300 (65)	3760 (68)	100
105	3490 (49)	3340 (54)	3210 (58)	2920 (60)	3920 (52)	3810 (57)	3690 (60)	3210 (64)	4220 (57)	4140 (59)	3920 (62)	3430 (66)	105
110	2940 (46)	2790 (51)	2660 (56)	2540 (58)	3330 (49)	3220 (54)	3120 (58)	2900 (62)	3580 (54)	3510 (56)	3450 (60)	3090 (64)	110
115	2430 (44)	2280 (49)	2150 (54)	2040 (57)	2780 (46)	2680 (52)	2580 (56)	2490 (60)	3000 (51)	2940 (54)	2880 (58)	2750 (62)	115
120	1970 (41)	1830 (47)	1700 (51)	1580 (55)	2280 (43)	2190 (49)	2090 (54)	2010 (58)	2470 (48)	2420 (51)	2360 (56)	2300 (60)	120
125	1550 (37)	1410 (44)	1280 (49)	1170 (53)	1830 (40)	1730 (47)	1640 (52)	1560 (56)	1980 (45)	1930 (48)	1880 (53)	1820 (58)	125
130	1170 (34)	1030 (41)	900 (47)		1410 (37)	1320 (44)	1230 (49)	1150 (54)	1530 (42)	1490 (45)	1440 (51)	1390 (55)	130
135	810 (30)				1010 (33)	930 (41)	850 (47)		1100 (38)	1080 (42)	1030 (48)	980 (53)	135
140													140
145													145
150													150
155													155
160													160

CODES 336 346 356

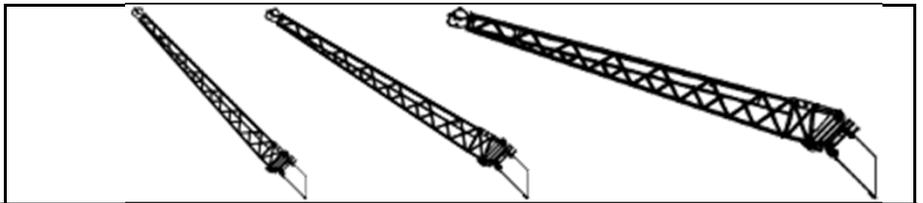
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 336				CODE 346				CODE 356				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	6170 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5310 (56)	5130 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	4550 (54)	4390 (58)	4150 (62)	3600 (64)	5070 (57)	4960 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	3870 (51)	3720 (56)	3590 (60)	3250 (62)	4350 (54)	4230 (59)	4060 (62)	3560 (66)	4680 (59)	4600 (61)	4300 (65)	3760 (68)	100
105	3260 (49)	3120 (54)	2980 (58)	2860 (60)	3700 (52)	3590 (57)	3490 (60)	3210 (64)	3990 (57)	3920 (59)	3850 (62)	3430 (66)	105
110	2720 (46)	2570 (51)	2440 (56)	2320 (58)	3110 (49)	3000 (54)	2910 (58)	2820 (62)	3370 (54)	3300 (56)	3230 (60)	3090 (64)	110
115	2230 (44)	2080 (49)	1950 (54)	1830 (57)	2580 (46)	2470 (52)	2380 (56)	2290 (60)	2800 (51)	2730 (54)	2670 (58)	2610 (62)	115
120	1780 (41)	1630 (47)	1500 (51)	1390 (55)	2090 (43)	1990 (49)	1900 (54)	1810 (58)	2280 (48)	2220 (51)	2160 (56)	2100 (60)	120
125	1370 (37)	1220 (44)	1090 (49)	980 (53)	1640 (40)	1550 (47)	1460 (52)	1370 (56)	1790 (45)	1750 (48)	1690 (53)	1640 (58)	125
130	990 (34)	850 (41)			1230 (37)	1140 (44)	1050 (49)	970 (54)	1350 (42)	1310 (45)	1260 (51)	1210 (55)	130
135					840 (33)				920 (38)	900 (42)	860 (48)	810 (53)	135
140													140
145													145
150													150
155													155
160													160

CODES 337 347 357

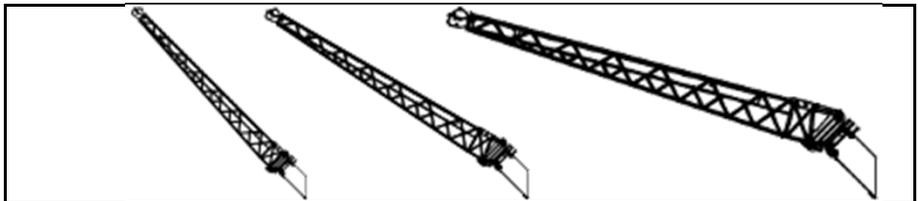
FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 337				CODE 347				CODE 357				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6780 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	5880 (59)	5590 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	5040 (56)	4880 (60)	4560 (64)	3950 (65)	5620 (59)	5420 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	4290 (54)	4140 (58)	4010 (62)	3600 (64)	4820 (57)	4700 (61)	4440 (64)	3910 (67)	5120 (61)	4940 (63)	4700 (67)	4090 (69)	95
100	3630 (51)	3480 (56)	3350 (60)	3230 (62)	4110 (54)	4000 (59)	3890 (62)	3560 (66)	4440 (59)	4360 (61)	4290 (65)	3760 (68)	100
105	3040 (49)	2890 (54)	2760 (58)	2640 (60)	3470 (52)	3360 (57)	3260 (60)	3170 (64)	3760 (57)	3690 (59)	3620 (62)	3430 (66)	105
110	2500 (46)	2360 (51)	2230 (56)	2110 (58)	2890 (49)	2790 (54)	2690 (58)	2600 (62)	3150 (54)	3080 (56)	3010 (60)	2950 (64)	110
115	2020 (44)	1870 (49)	1740 (54)	1630 (57)	2370 (46)	2270 (52)	2170 (56)	2080 (60)	2590 (51)	2530 (54)	2470 (58)	2400 (62)	115
120	1580 (41)	1440 (47)	1310 (51)	1190 (55)	1890 (43)	1790 (49)	1700 (54)	1610 (58)	2080 (48)	2020 (51)	1960 (56)	1910 (60)	120
125	1180 (37)	1030 (44)	910 (49)		1450 (40)	1360 (47)	1270 (52)	1180 (56)	1610 (45)	1560 (48)	1510 (53)	1450 (58)	125
130	810 (34)				1050 (37)	960 (44)	870 (49)		1170 (42)	1130 (45)	1080 (51)	1030 (55)	130
135													135
140													140
145													145
150													150
155													155
160													160

CODES 338 348 358

FIXED JIB



RADIUS (FT)	0° OFFSET				15° OFFSET				30° OFFSET				RADIUS (FT)
	CODE 338				CODE 348				CODE 358				
	MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				MAIN BOOM LENGTH (FT)				
	120	133	146	159	120	133	146	159	120	133	146	159	
25													25
30	8400 (79)												30
35	8400 (77)	7500 (78)											35
40	8400 (76)	7500 (77)	5700 (78)	4800 (79)	7900 (79)								40
45	8400 (74)	7500 (76)	5700 (77)	4800 (78)	7900 (77)	7100 (79)							45
50	8400 (72)	7500 (74)	5700 (76)	4800 (77)	7900 (75)	7100 (77)	6100 (79)		6400 (75)				50
55	8400 (70)	7500 (73)	5700 (74)	4800 (76)	7900 (73)	7100 (76)	6100 (78)	5800 (79)	6400 (78)	6200 (78)			55
60	8400 (69)	7500 (71)	5700 (73)	4800 (75)	7550 (72)	7100 (74)	6100 (76)	5800 (78)	6400 (76)	6200 (76)	5900 (78)		60
65	8020 (67)	7500 (70)	5700 (72)	4800 (74)	7160 (70)	6830 (72)	6100 (75)	5800 (77)	6400 (74)	6200 (75)	5900 (77)	5600 (79)	65
70	7560 (65)	7160 (68)	5700 (70)	4800 (72)	6800 (68)	6510 (71)	6100 (73)	5630 (76)	6280 (72)	6050 (73)	5760 (75)	5380 (77)	70
75	7160 (63)	6630 (66)	5700 (69)	4800 (70)	6460 (66)	6200 (69)	5850 (72)	5350 (74)	6010 (70)	5800 (71)	5520 (74)	5160 (76)	75
80	6540 (61)	6100 (64)	5410 (67)	4670 (69)	6160 (64)	5920 (67)	5600 (70)	4960 (73)	5770 (68)	5560 (69)	5290 (72)	4650 (74)	80
85	5590 (59)	5440 (62)	4970 (65)	4320 (67)	5880 (61)	5660 (65)	5320 (68)	4590 (71)	5540 (66)	5340 (67)	5100 (70)	4760 (73)	85
90	4770 (56)	4610 (60)	4480 (64)	3950 (65)	5350 (59)	5230 (63)	4880 (66)	4240 (69)	5320 (64)	5130 (65)	4910 (68)	4440 (71)	90
95	4040 (54)	3890 (58)	3750 (62)	3600 (64)	4570 (57)	4450 (61)	4350 (64)	3910 (67)	4940 (61)	4860 (63)	4700 (67)	4090 (69)	95
100	3390 (51)	3240 (56)	3110 (60)	2990 (62)	3870 (54)	3760 (59)	3650 (62)	3560 (66)	4200 (59)	4120 (61)	4050 (65)	3760 (68)	100
105	2810 (49)	2660 (54)	2530 (58)	2410 (60)	3240 (52)	3130 (57)	3030 (60)	2940 (64)	3540 (57)	3460 (59)	3390 (62)	3330 (66)	105
110	2290 (46)	2140 (51)	2010 (56)	1890 (58)	2680 (49)	2570 (54)	2470 (58)	2390 (62)	2930 (54)	2870 (56)	2800 (60)	2730 (64)	110
115	1820 (44)	1670 (49)	1540 (54)	1420 (57)	2170 (46)	2060 (52)	1970 (56)	1880 (60)	2390 (51)	2320 (54)	2260 (58)	2200 (62)	115
120	1390 (41)	1240 (47)	1110 (51)	990 (55)	1700 (43)	1600 (49)	1510 (54)	1420 (58)	1880 (48)	1830 (51)	1770 (56)	1710 (60)	120
125	990 (37)	850 (44)			1270 (40)	1170 (47)	1080 (52)	1000 (56)	1420 (45)	1370 (48)	1320 (53)	1260 (58)	125
130					870 (37)				990 (42)	950 (45)	900 (51)	850 (55)	130
135													135
140													140
145													145
150													150
155													155
160													160