

Load Rating Chart

Model TC50128X

Manitex

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

LMI OPERATING CODES

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
1A	MAIN BOOM	100% EXTENDED	OVER REAR	10000	13
1B	MAIN BOOM	100% EXTENDED	OVER REAR	8750	14
1C	MAIN BOOM	100% EXTENDED	OVER REAR	7500	15
1D	MAIN BOOM	100% EXTENDED	OVER REAR	6250	16
1E	MAIN BOOM	100% EXTENDED	OVER REAR	5000	17
1F	MAIN BOOM	100% EXTENDED	OVER REAR	3750	18
1G	MAIN BOOM	100% EXTENDED	OVER REAR	2500	19
1H	MAIN BOOM	100% EXTENDED	OVER REAR	1250	20
1J	MAIN BOOM	100% EXTENDED	OVER REAR	0	21
3A	MAIN BOOM	100% EXTENDED	FULL 360°	10000	22
3B	MAIN BOOM	100% EXTENDED	FULL 360°	8750	23
3C	MAIN BOOM	100% EXTENDED	FULL 360°	7500	24
3D	MAIN BOOM	100% EXTENDED	FULL 360°	6250	25
3E	MAIN BOOM	100% EXTENDED	FULL 360°	5000	26
3F	MAIN BOOM	100% EXTENDED	FULL 360°	3750	27
3G	MAIN BOOM	100% EXTENDED	FULL 360°	2500	28
3H	MAIN BOOM	100% EXTENDED	FULL 360°	1250	29
3J	MAIN BOOM	100% EXTENDED	FULL 360°	0	30
4A	MAIN BOOM	50% EXTENDED	FULL 360°	10000	31
4B	MAIN BOOM	50% EXTENDED	FULL 360°	8750	32
4C	MAIN BOOM	50% EXTENDED	FULL 360°	7500	33
4D	MAIN BOOM	50% EXTENDED	FULL 360°	6250	34
4E	MAIN BOOM	50% EXTENDED	FULL 360°	5000	35
4F	MAIN BOOM	50% EXTENDED	FULL 360°	3750	36
4G	MAIN BOOM	50% EXTENDED	FULL 360°	2500	37
4H	MAIN BOOM	50% EXTENDED	FULL 360°	1250	38
4J	MAIN BOOM	50% EXTENDED	FULL 360°	0	39
5A	MAIN BOOM	RETRACTED	FULL 360°	10000	40
5B	MAIN BOOM	RETRACTED	FULL 360°	8750	41
5C	MAIN BOOM	RETRACTED	FULL 360°	7500	42
5D	MAIN BOOM	RETRACTED	FULL 360°	6250	43
5E	MAIN BOOM	RETRACTED	FULL 360°	5000	44
5F	MAIN BOOM	RETRACTED	FULL 360°	3750	45
5G	MAIN BOOM	RETRACTED	FULL 360°	2500	46
5H	MAIN BOOM	RETRACTED	FULL 360°	1250	47
5J	MAIN BOOM	RETRACTED	FULL 360°	0	48
7A	RETRACTED JIB 0° OFFSET	100% EXTENDED	OVER REAR	10000	
7B	RETRACTED JIB 0° OFFSET	100% EXTENDED	OVER REAR	8750	
7C	RETRACTED JIB 0° OFFSET	100% EXTENDED	OVER REAR	7500	
7D	RETRACTED JIB 0° OFFSET	100% EXTENDED	OVER REAR	6250	
7E	RETRACTED JIB 0° OFFSET	100% EXTENDED	OVER REAR	5000	
7F	RETRACTED JIB 0° OFFSET	100% EXTENDED	OVER REAR	3750	
7G	RETRACTED JIB 0° OFFSET	100% EXTENDED	OVER REAR	2500	
7H	RETRACTED JIB 0° OFFSET	100% EXTENDED	OVER REAR	1250	

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
7J	RETRACTED JIB 0° OFFSET	100% EXTENDED	OVER REAR	0	
8A	RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	10000	
8B	RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	8750	
8C	RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	7500	
8D	RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	6250	
8E	RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	5000	
8F	RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	3750	
8G	RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	2500	
8H	RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	1250	
8J	RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	0	
9A	RETRACTED JIB 15° OFFSET	100% EXTENDED	OVER REAR	10000	
9B	RETRACTED JIB 15° OFFSET	100% EXTENDED	OVER REAR	8750	
9C	RETRACTED JIB 15° OFFSET	100% EXTENDED	OVER REAR	7500	
9D	RETRACTED JIB 15° OFFSET	100% EXTENDED	OVER REAR	6250	
9E	RETRACTED JIB 15° OFFSET	100% EXTENDED	OVER REAR	5000	
9F	RETRACTED JIB 15° OFFSET	100% EXTENDED	OVER REAR	3750	
9G	RETRACTED JIB 15° OFFSET	100% EXTENDED	OVER REAR	2500	
9H	RETRACTED JIB 15° OFFSET	100% EXTENDED	OVER REAR	1250	
9J	RETRACTED JIB 15° OFFSET	100% EXTENDED	OVER REAR	0	
10A	RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	10000	
10B	RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	8750	
10C	RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	7500	
10D	RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	6250	
10E	RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	5000	
10F	RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	3750	
10G	RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	2500	
10H	RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	1250	
10J	RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	0	
11A	RETRACTED JIB 30° OFFSET	100% EXTENDED	OVER REAR	10000	
11B	RETRACTED JIB 30° OFFSET	100% EXTENDED	OVER REAR	8750	
11C	RETRACTED JIB 30° OFFSET	100% EXTENDED	OVER REAR	7500	
11D	RETRACTED JIB 30° OFFSET	100% EXTENDED	OVER REAR	6250	
11E	RETRACTED JIB 30° OFFSET	100% EXTENDED	OVER REAR	5000	
11F	RETRACTED JIB 30° OFFSET	100% EXTENDED	OVER REAR	3750	
11G	RETRACTED JIB 30° OFFSET	100% EXTENDED	OVER REAR	2500	
11H	RETRACTED JIB 30° OFFSET	100% EXTENDED	OVER REAR	1250	
11J	RETRACTED JIB 30° OFFSET	100% EXTENDED	OVER REAR	0	
12A	RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	10000	
12B	RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	8750	
12C	RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	7500	
12D	RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	6250	
12E	RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	5000	
12F	RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	3750	
12G	RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	2500	
12H	RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	1250	
12J	RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	0	

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
13A	EXTENDED JIB 0° OFFSET	100% EXTENDED	OVER REAR	10000	
13B	EXTENDED JIB 0° OFFSET	100% EXTENDED	OVER REAR	8750	
13C	EXTENDED JIB 0° OFFSET	100% EXTENDED	OVER REAR	7500	
13D	EXTENDED JIB 0° OFFSET	100% EXTENDED	OVER REAR	6250	
13E	EXTENDED JIB 0° OFFSET	100% EXTENDED	OVER REAR	5000	
13F	EXTENDED JIB 0° OFFSET	100% EXTENDED	OVER REAR	3750	
13G	EXTENDED JIB 0° OFFSET	100% EXTENDED	OVER REAR	2500	
13H	EXTENDED JIB 0° OFFSET	100% EXTENDED	OVER REAR	1250	
13J	EXTENDED JIB 0° OFFSET	100% EXTENDED	OVER REAR	0	
14A	EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	10000	
14B	EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	8750	
14C	EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	7500	
14D	EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	6250	
14E	EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	5000	
14F	EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	3750	
14G	EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	2500	
14H	EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	1250	
14J	EXTENDED JIB 0° OFFSET	100% EXTENDED	FULL 360°	0	
15A	EXTENDED JIB 15° OFFSET	100% EXTENDED	OVER REAR	10000	
15B	EXTENDED JIB 15° OFFSET	100% EXTENDED	OVER REAR	8750	
15C	EXTENDED JIB 15° OFFSET	100% EXTENDED	OVER REAR	7500	
15D	EXTENDED JIB 15° OFFSET	100% EXTENDED	OVER REAR	6250	
15E	EXTENDED JIB 15° OFFSET	100% EXTENDED	OVER REAR	5000	
15F	EXTENDED JIB 15° OFFSET	100% EXTENDED	OVER REAR	3750	
15G	EXTENDED JIB 15° OFFSET	100% EXTENDED	OVER REAR	2500	
15H	EXTENDED JIB 15° OFFSET	100% EXTENDED	OVER REAR	1250	
15J	EXTENDED JIB 15° OFFSET	100% EXTENDED	OVER REAR	0	
16A	EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	10000	
16B	EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	8750	
16C	EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	7500	
16D	EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	6250	
16E	EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	5000	
16F	EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	3750	
16G	EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	2500	
16H	EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	1250	
16J	EXTENDED JIB 15° OFFSET	100% EXTENDED	FULL 360°	0	
17A	EXTENDED JIB 30° OFFSET	100% EXTENDED	OVER REAR	10000	
17B	EXTENDED JIB 30° OFFSET	100% EXTENDED	OVER REAR	8750	
17C	EXTENDED JIB 30° OFFSET	100% EXTENDED	OVER REAR	7500	
17D	EXTENDED JIB 30° OFFSET	100% EXTENDED	OVER REAR	6250	
17E	EXTENDED JIB 30° OFFSET	100% EXTENDED	OVER REAR	5000	
17F	EXTENDED JIB 30° OFFSET	100% EXTENDED	OVER REAR	3750	
17G	EXTENDED JIB 30° OFFSET	100% EXTENDED	OVER REAR	2500	
17H	EXTENDED JIB 30° OFFSET	100% EXTENDED	OVER REAR	1250	
17J	EXTENDED JIB 30° OFFSET	100% EXTENDED	OVER REAR	0	
18A	EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	10000	

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
18B	EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	8750	
18C	EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	7500	
18D	EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	6250	
18E	EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	5000	
18F	EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	3750	
18G	EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	2500	
18H	EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	1250	
18J	EXTENDED JIB 30° OFFSET	100% EXTENDED	FULL 360°	0	
19A	RETRACTED JIB 0° OFFSET	50% EXTENDED	FULL 360°	10000	
19B	RETRACTED JIB 0° OFFSET	50% EXTENDED	FULL 360°	8750	
19C	RETRACTED JIB 0° OFFSET	50% EXTENDED	FULL 360°	7500	
19D	RETRACTED JIB 0° OFFSET	50% EXTENDED	FULL 360°	6250	
19E	RETRACTED JIB 0° OFFSET	50% EXTENDED	FULL 360°	5000	
19F	RETRACTED JIB 0° OFFSET	50% EXTENDED	FULL 360°	3750	
19G	RETRACTED JIB 0° OFFSET	50% EXTENDED	FULL 360°	2500	
19H	RETRACTED JIB 0° OFFSET	50% EXTENDED	FULL 360°	1250	
19J	RETRACTED JIB 0° OFFSET	50% EXTENDED	FULL 360°	0	
20A	RETRACTED JIB 15° OFFSET	50% EXTENDED	FULL 360°	10000	
20B	RETRACTED JIB 15° OFFSET	50% EXTENDED	FULL 360°	8750	
20C	RETRACTED JIB 15° OFFSET	50% EXTENDED	FULL 360°	7500	
20D	RETRACTED JIB 15° OFFSET	50% EXTENDED	FULL 360°	6250	
20E	RETRACTED JIB 15° OFFSET	50% EXTENDED	FULL 360°	5000	
20F	RETRACTED JIB 15° OFFSET	50% EXTENDED	FULL 360°	3750	
20G	RETRACTED JIB 15° OFFSET	50% EXTENDED	FULL 360°	2500	
20H	RETRACTED JIB 15° OFFSET	50% EXTENDED	FULL 360°	1250	
20J	RETRACTED JIB 15° OFFSET	50% EXTENDED	FULL 360°	0	
21A	RETRACTED JIB 30° OFFSET	50% EXTENDED	FULL 360°	10000	
21B	RETRACTED JIB 30° OFFSET	50% EXTENDED	FULL 360°	8750	
21C	RETRACTED JIB 30° OFFSET	50% EXTENDED	FULL 360°	7500	
21D	RETRACTED JIB 30° OFFSET	50% EXTENDED	FULL 360°	6250	
21E	RETRACTED JIB 30° OFFSET	50% EXTENDED	FULL 360°	5000	
21F	RETRACTED JIB 30° OFFSET	50% EXTENDED	FULL 360°	3750	
21G	RETRACTED JIB 30° OFFSET	50% EXTENDED	FULL 360°	2500	
21H	RETRACTED JIB 30° OFFSET	50% EXTENDED	FULL 360°	1250	
21J	RETRACTED JIB 30° OFFSET	50% EXTENDED	FULL 360°	0	
22A	EXTENDED JIB 0° OFFSET	50% EXTENDED	FULL 360°	10000	
22B	EXTENDED JIB 0° OFFSET	50% EXTENDED	FULL 360°	8750	
22C	EXTENDED JIB 0° OFFSET	50% EXTENDED	FULL 360°	7500	
22D	EXTENDED JIB 0° OFFSET	50% EXTENDED	FULL 360°	6250	
22E	EXTENDED JIB 0° OFFSET	50% EXTENDED	FULL 360°	5000	
22F	EXTENDED JIB 0° OFFSET	50% EXTENDED	FULL 360°	3750	
22G	EXTENDED JIB 0° OFFSET	50% EXTENDED	FULL 360°	2500	
22H	EXTENDED JIB 0° OFFSET	50% EXTENDED	FULL 360°	1250	
22J	EXTENDED JIB 0° OFFSET	50% EXTENDED	FULL 360°	0	
23A	EXTENDED JIB 15° OFFSET	50% EXTENDED	FULL 360°	10000	
23B	EXTENDED JIB 15° OFFSET	50% EXTENDED	FULL 360°	8750	

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
23C	EXTENDED JIB 15° OFFSET	50% EXTENDED	FULL 360°	7500	
23D	EXTENDED JIB 15° OFFSET	50% EXTENDED	FULL 360°	6250	
23E	EXTENDED JIB 15° OFFSET	50% EXTENDED	FULL 360°	5000	
23F	EXTENDED JIB 15° OFFSET	50% EXTENDED	FULL 360°	3750	
23G	EXTENDED JIB 15° OFFSET	50% EXTENDED	FULL 360°	2500	
23H	EXTENDED JIB 15° OFFSET	50% EXTENDED	FULL 360°	1250	
23J	EXTENDED JIB 15° OFFSET	50% EXTENDED	FULL 360°	0	
24A	EXTENDED JIB 30° OFFSET	50% EXTENDED	FULL 360°	10000	
24B	EXTENDED JIB 30° OFFSET	50% EXTENDED	FULL 360°	8750	
24C	EXTENDED JIB 30° OFFSET	50% EXTENDED	FULL 360°	7500	
24D	EXTENDED JIB 30° OFFSET	50% EXTENDED	FULL 360°	6250	
24E	EXTENDED JIB 30° OFFSET	50% EXTENDED	FULL 360°	5000	
24F	EXTENDED JIB 30° OFFSET	50% EXTENDED	FULL 360°	3750	
24G	EXTENDED JIB 30° OFFSET	50% EXTENDED	FULL 360°	2500	
24H	EXTENDED JIB 30° OFFSET	50% EXTENDED	FULL 360°	1250	
24J	EXTENDED JIB 30° OFFSET	50% EXTENDED	FULL 360°	0	
25A	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	10000	
25B	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	8750	
25C	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	7500	
25D	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	6250	
25E	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	5000	
25F	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	3750	
25G	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	2500	
25H	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	1250	
25J	PERSONNEL LIFTING MAIN BOOM	100% EXTENDED	FULL 360°	0	
26A	PERSONNEL LIFTING RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	10000	
26B	PERSONNEL LIFTING RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	8750	
26C	PERSONNEL LIFTING RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	7500	
26D	PERSONNEL LIFTING RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	6250	
26E	PERSONNEL LIFTING RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	5000	
26F	PERSONNEL LIFTING RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	3750	
26G	PERSONNEL LIFTING RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	2500	
26H	PERSONNEL LIFTING RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	1250	
26J	PERSONNEL LIFTING RETRACTED JIB 0° OFFSET	100% EXTENDED	FULL 360°	0	
27A	PERSONNEL LIFTING RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	10000	
27B	PERSONNEL LIFTING RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	8750	
27C	PERSONNEL LIFTING RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	7500	
27D	PERSONNEL LIFTING RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	6250	
27E	PERSONNEL LIFTING RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	5000	
27F	PERSONNEL LIFTING RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	3750	
27G	PERSONNEL LIFTING RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	2500	
27H	PERSONNEL LIFTING RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	1250	
27J	PERSONNEL LIFTING RETRACTED JIB 15° OFFSET	100% EXTENDED	FULL 360°	0	
28A	PERSONNEL LIFTING RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	10000	
28B	PERSONNEL LIFTING RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	8750	
28C	PERSONNEL LIFTING RETRACTED JIB 30° OFFSET	100% EXTENDED	FULL 360°	7500	

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
28D----	PERSONNEL LIFTING RETRACTED JIB 30° OFFSET-	100% EXTENDED-----	FULL 360°-----	6250-----	
28E----	PERSONNEL LIFTING RETRACTED JIB 30° OFFSET-	100% EXTENDED-----	FULL 360°-----	5000-----	
28F----	PERSONNEL LIFTING RETRACTED JIB 30° OFFSET-	100% EXTENDED-----	FULL 360°-----	3750-----	
28G----	PERSONNEL LIFTING RETRACTED JIB 30° OFFSET-	100% EXTENDED-----	FULL 360°-----	2500-----	
28H----	PERSONNEL LIFTING RETRACTED JIB 30° OFFSET-	100% EXTENDED-----	FULL 360°-----	1250-----	
28J----	PERSONNEL LIFTING RETRACTED JIB 30° OFFSET-	100% EXTENDED-----	FULL 360°-----	0-----	
29A----	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET----	100% EXTENDED-----	FULL 360°-----	10000-----	
29B----	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET----	100% EXTENDED-----	FULL 360°-----	8750-----	
29C----	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET----	100% EXTENDED-----	FULL 360°-----	7500-----	
29D----	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET----	100% EXTENDED-----	FULL 360°-----	6250-----	
29E----	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET----	100% EXTENDED-----	FULL 360°-----	5000-----	
29F----	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET----	100% EXTENDED-----	FULL 360°-----	3750-----	
29G----	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET----	100% EXTENDED-----	FULL 360°-----	2500-----	
29H----	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET----	100% EXTENDED-----	FULL 360°-----	1250-----	
29J----	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET----	100% EXTENDED-----	FULL 360°-----	0-----	
30A----	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET--	100% EXTENDED-----	FULL 360°-----	10000-----	
30B----	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET--	100% EXTENDED-----	FULL 360°-----	8750-----	
30C----	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET--	100% EXTENDED-----	FULL 360°-----	7500-----	
30D----	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET--	100% EXTENDED-----	FULL 360°-----	6250-----	
30E----	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET--	100% EXTENDED-----	FULL 360°-----	5000-----	
30F----	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET--	100% EXTENDED-----	FULL 360°-----	3750-----	
30G----	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET--	100% EXTENDED-----	FULL 360°-----	2500-----	
30H----	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET--	100% EXTENDED-----	FULL 360°-----	1250-----	
30J----	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET--	100% EXTENDED-----	FULL 360°-----	0-----	
31A----	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET--	100% EXTENDED-----	FULL 360°-----	10000-----	
31B----	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET--	100% EXTENDED-----	FULL 360°-----	8750-----	
31C----	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET--	100% EXTENDED-----	FULL 360°-----	7500-----	
31D----	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET--	100% EXTENDED-----	FULL 360°-----	6250-----	
31E----	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET--	100% EXTENDED-----	FULL 360°-----	5000-----	
31F----	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET--	100% EXTENDED-----	FULL 360°-----	3750-----	
31G----	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET--	100% EXTENDED-----	FULL 360°-----	2500-----	
31H----	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET--	100% EXTENDED-----	FULL 360°-----	1250-----	
31J----	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET--	100% EXTENDED-----	FULL 360°-----	0-----	
1001A-	MAIN BOOM LINE LIFTER HORIZONTAL-----	100% EXTENDED-----	FULL 360°-----	10000-----	
1001B-	MAIN BOOM LINE LIFTER HORIZONTAL-----	100% EXTENDED-----	FULL 360°-----	8750-----	
1001C-	MAIN BOOM LINE LIFTER HORIZONTAL-----	100% EXTENDED-----	FULL 360°-----	7500-----	
1001D-	MAIN BOOM LINE LIFTER HORIZONTAL-----	100% EXTENDED-----	FULL 360°-----	6250-----	
1001E-	MAIN BOOM LINE LIFTER HORIZONTAL-----	100% EXTENDED-----	FULL 360°-----	5000-----	
1001F-	MAIN BOOM LINE LIFTER HORIZONTAL-----	100% EXTENDED-----	FULL 360°-----	3750-----	
1001G-	MAIN BOOM LINE LIFTER HORIZONTAL-----	100% EXTENDED-----	FULL 360°-----	2500-----	
1001H-	MAIN BOOM LINE LIFTER HORIZONTAL-----	100% EXTENDED-----	FULL 360°-----	1250-----	
1001J-	MAIN BOOM LINE LIFTER HORIZONTAL-----	100% EXTENDED-----	FULL 360°-----	0-----	
1002A-	MAIN BOOM LINE LIFTER VERTICAL-----	100% EXTENDED-----	FULL 360°-----	10000-----	
1002B-	MAIN BOOM LINE LIFTER VERTICAL-----	100% EXTENDED-----	FULL 360°-----	8750-----	
1002C-	MAIN BOOM LINE LIFTER VERTICAL-----	100% EXTENDED-----	FULL 360°-----	7500-----	
1002D-	MAIN BOOM LINE LIFTER VERTICAL-----	100% EXTENDED-----	FULL 360°-----	6250-----	

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION	CWT (LBS)	PAGE
1002E-	MAIN BOOM LINE LIFTER VERTICAL-----	100% EXTENDED-----	FULL 360°-----	5000-----	
1002F-	MAIN BOOM LINE LIFTER VERTICAL-----	100% EXTENDED-----	FULL 360°-----	3750-----	
1002G-	MAIN BOOM LINE LIFTER VERTICAL-----	100% EXTENDED-----	FULL 360°-----	2500-----	
1002H-	MAIN BOOM LINE LIFTER VERTICAL-----	100% EXTENDED-----	FULL 360°-----	1250-----	
1002J-	MAIN BOOM LINE LIFTER VERTICAL-----	100% EXTENDED-----	FULL 360°-----	0-----	
1003A-	MAIN BOOM LINE LIFTER MULTI-ANGLE-----	100% EXTENDED-----	FULL 360°-----	10000-----	
1003B-	MAIN BOOM LINE LIFTER MULTI-ANGLE-----	100% EXTENDED-----	FULL 360°-----	8750-----	
1003C-	MAIN BOOM LINE LIFTER MULTI-ANGLE-----	100% EXTENDED-----	FULL 360°-----	7500-----	
1003D-	MAIN BOOM LINE LIFTER MULTI-ANGLE-----	100% EXTENDED-----	FULL 360°-----	6250-----	
1003E-	MAIN BOOM LINE LIFTER MULTI-ANGLE-----	100% EXTENDED-----	FULL 360°-----	5000-----	
1003F-	MAIN BOOM LINE LIFTER MULTI-ANGLE-----	100% EXTENDED-----	FULL 360°-----	3750-----	
1003G-	MAIN BOOM LINE LIFTER MULTI-ANGLE-----	100% EXTENDED-----	FULL 360°-----	2500-----	
1003H-	MAIN BOOM LINE LIFTER MULTI-ANGLE-----	100% EXTENDED-----	FULL 360°-----	1250-----	
1003J-	MAIN BOOM LINE LIFTER MULTI-ANGLE-----	100% EXTENDED-----	FULL 360°-----	0-----	

PRELIMINARY

WARNING

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

INFORMATION

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

DEFINITIONS

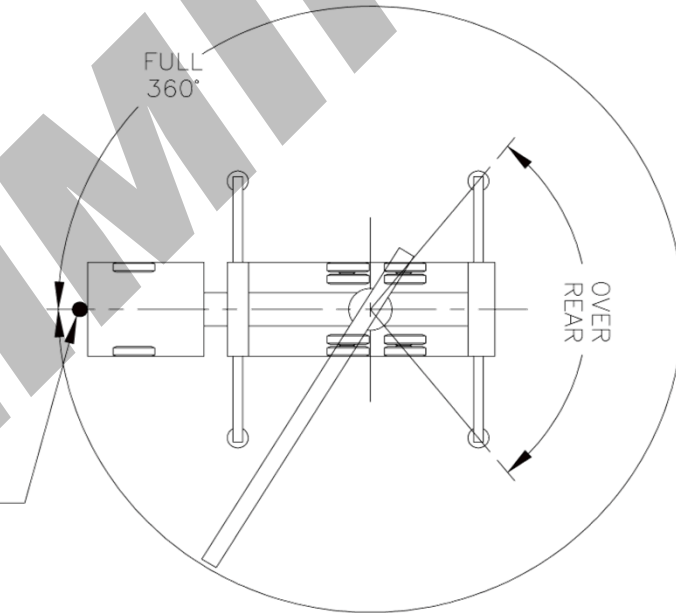
1. OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION TO THE CENTER OF THE VERTICAL HOIST LINE OR TACKLE WITH LOAD APPLIED.
2. LOADED BOOM ANGLE IS THE INCLUDED ANGLE BETWEEN THE HORIZONTAL AND LONGITUDINAL AXES OF THE BOOM BASE AFTER LIFTING RATED LOAD AT THE RATED RADIUS.

ALLOWABLE LINE PULL										WARNING
1 PART LINE	2 PART LINE	3 PART LINE	4 PART LINE	5 PART LINE	6 PART LINE	7 PART LINE	8 PART LINE	9 PART LINE	10 PART LINE	
										<p>ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE.</p> <p>REFER TO THE OWNER'S MANUAL.</p> <p>KEEP AT LEAST 3 WRAPS OF LOAD LINE ON THE DRUM AT ALL TIMES.</p>
10000 LBS	20000 LBS	30000 LBS	40000 LBS	50000 LBS	60000 LBS	70000 LBS	80000 LBS	90000 LBS	100000 LBS	

AREA OF OPERATIONS

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

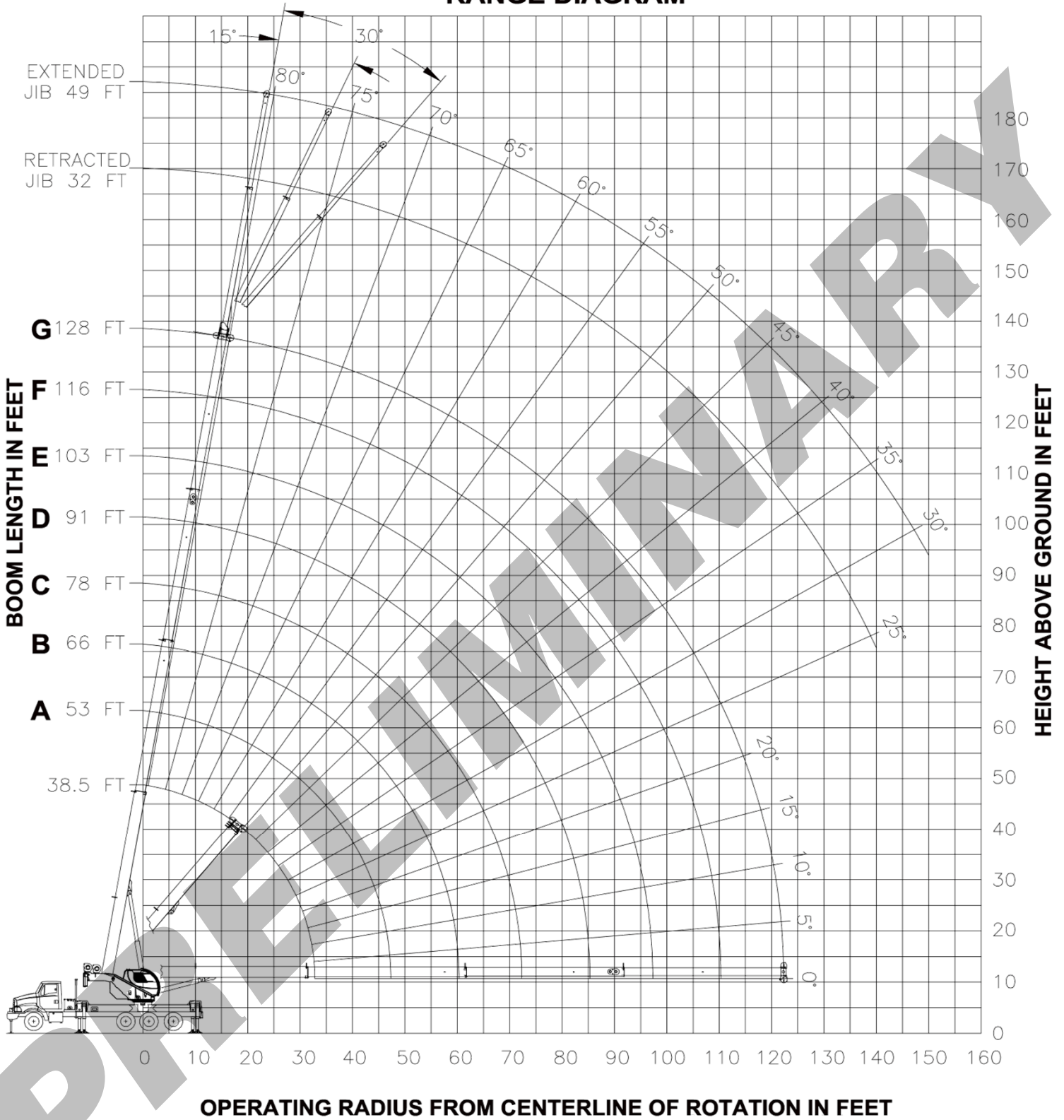
FOR CRANES WITHOUT A FRONT BUMPER STABILIZER, ADJUST THE OUTRIGGERS UNTIL FRONT TIRES ARE BARELY TOUCHING THE GROUND BEFORE WORKING IN THE "FULL 360°" AREA.



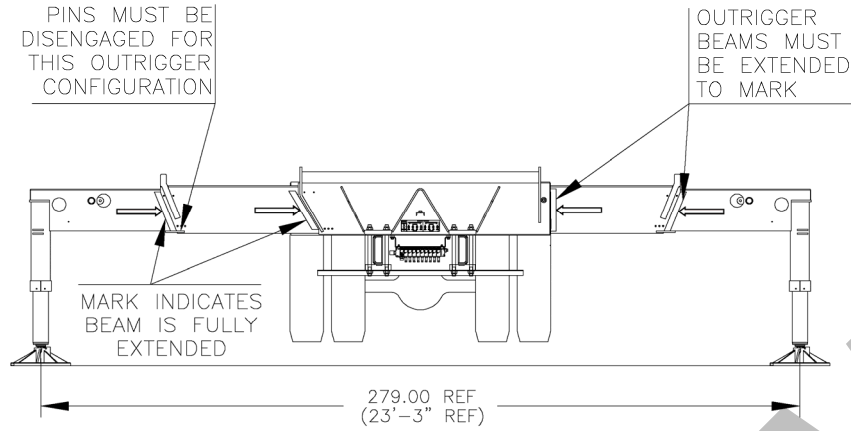
DEDUCTIONS FROM RATED LOADS FOR LOAD HANDLING DEVICES SUPPLIED BY MANITEX

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

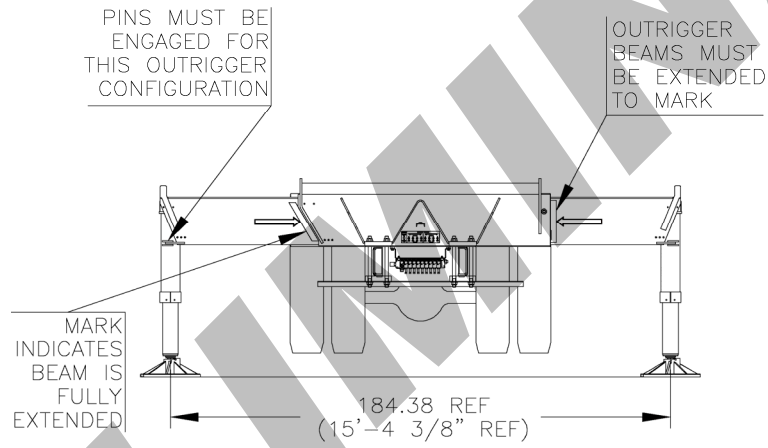
- RANGE DIAGRAM -



FULLY EXTENDED OUTRIGGERS

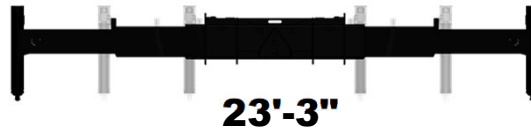


MID SPAN OUTRIGGERS



CODE 1A

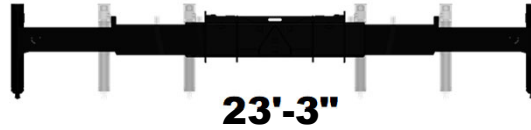
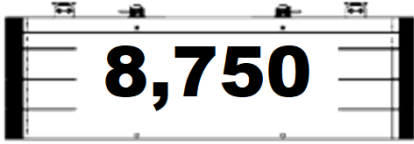
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32700	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	28100	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	23380	48°	22520	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	18340	42°	20110	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	17360	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	15040	41°	13850	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	12560	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	11450	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	9840	36.5°	8770	46°	8060	53°	7430	58°	6910	70
75									30°	8000	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	7320	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	6140	42.5°	5650	49°	5250	85
90											25°	5630	38°	5160	46°	4790	90
95											15.5°	5160	33.5°	4720	42°	4370	95
100													28.5°	4310	38.5°	3980	100
105													21.5°	3940	34°	3620	105
110													7.5°	3610	29.5°	3300	110
115															23.5°	2990	115
120															15°	2710	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	13100	0°	9750	0°	9100	0°	5250	0°	4900	0°	2750	0°	3350	0°	1400	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 1B

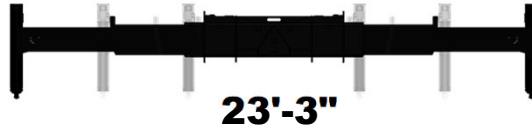
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32700	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	28100	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	23380	48°	22520	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	18340	42°	20110	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	17360	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	15040	41°	13850	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	12560	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	11450	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	9840	36.5°	8770	46°	8060	53°	7430	58°	6910	70
75									30°	8000	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	7320	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	6140	42.5°	5650	49°	5250	85
90											25°	5630	38°	5160	46°	4790	90
95											15.5°	5160	33.5°	4720	42°	4370	95
100													28.5°	4310	38.5°	3980	100
105													21.5°	3940	34°	3620	105
110													7.5°	3610	29.5°	3300	110
115															23.5°	2990	115
120															15°	2710	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	13100	0°	9750	0°	9100	0°	5250	0°	4900	0°	2750	0°	3350	0°	1400	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 1C

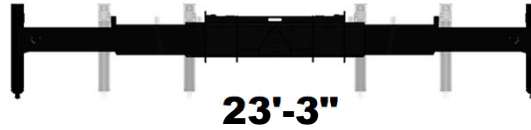
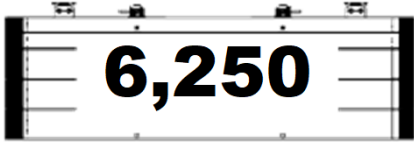
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32700	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	28100	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	23380	48°	22520	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	18340	42°	20110	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	17360	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	15040	41°	13850	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	12560	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	11450	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	9840	36.5°	8770	46°	8060	53°	7430	58°	6910	70
75									30°	8000	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	7320	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	6140	42.5°	5650	49°	5250	85
90											25°	5630	38°	5160	46°	4790	90
95											15.5°	5160	33.5°	4720	42°	4370	95
100													28.5°	4310	38.5°	3980	100
105													21.5°	3940	34°	3620	105
110													7.5°	3610	29.5°	3300	110
115															23.5°	2990	115
120															15°	2710	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	13100	0°	9750	0°	9100	0°	5250	0°	4900	0°	2750	0°	3350	0°	1400	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 1D

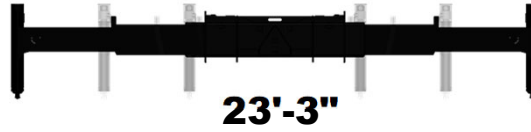
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32700	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	27670	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	23200	48°	22520	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	18340	42°	20110	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	17360	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	15040	41°	13850	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	12560	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	11450	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	9840	36.5°	8770	46°	8060	53°	7430	58°	6910	70
75									30°	8000	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	7320	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	6140	42.5°	5650	49°	5250	85
90											25°	5630	38°	5160	46°	4790	90
95											15.5°	5160	33.5°	4720	42°	4370	95
100													28.5°	4310	38.5°	3980	100
105													21.5°	3940	34°	3620	105
110													7.5°	3610	29.5°	3300	110
115															23.5°	2990	115
120															15°	2710	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	13100	0°	9750	0°	9100	0°	5250	0°	4900	0°	2750	0°	3350	0°	1400	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 1E

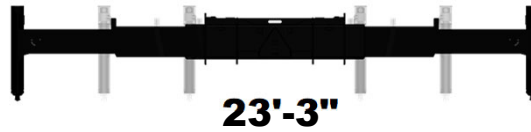
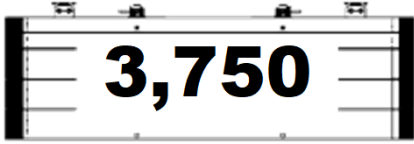
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32700	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	27230	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	22820	48°	22520	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	18340	42°	19830	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	17110	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	14870	41°	13850	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	12560	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	11450	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	9840	36.5°	8770	46°	8060	53°	7430	58°	6910	70
75									30°	8000	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	7320	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	6140	42.5°	5650	49°	5250	85
90											25°	5630	38°	5160	46°	4790	90
95											15.5°	5160	33.5°	4720	42°	4370	95
100													28.5°	4310	38.5°	3980	100
105													21.5°	3940	34°	3620	105
110													7.5°	3610	29.5°	3300	110
115															23.5°	2990	115
120															15°	2710	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	13100	0°	9750	0°	9100	0°	5250	0°	4900	0°	2750	0°	3350	0°	1400	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 1F

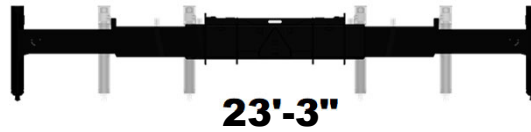
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32630	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	26790	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	22430	48°	22520	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	18340	42°	19490	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	16800	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	14550	41°	13850	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	12560	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	11110	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	9700	36.5°	8770	46°	8060	53°	7430	58°	6910	70
75									30°	8000	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	7320	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	6140	42.5°	5650	49°	5250	85
90											25°	5630	38°	5160	46°	4790	90
95											15.5°	5160	33.5°	4720	42°	4370	95
100													28.5°	4310	38.5°	3980	100
105													21.5°	3940	34°	3620	105
110													7.5°	3610	29.5°	3300	110
115															23.5°	2990	115
120															15°	2710	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	13100	0°	9750	0°	9100	0°	5150	0°	4900	0°	2750	0°	3350	0°	1400	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 1G

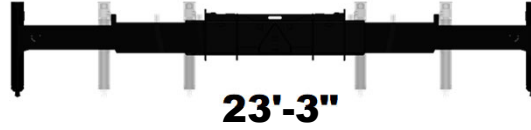
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32120	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	26350	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	22050	48°	22470	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	18340	42°	19150	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	16500	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	14070	41°	13850	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	12350	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	10710	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	9330	36.5°	8770	46°	8060	53°	7430	58°	6910	70
75									30°	8000	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	7320	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	6140	42.5°	5650	49°	5250	85
90											25°	5630	38°	5160	46°	4790	90
95											15.5°	5160	33.5°	4720	42°	4370	95
100													28.5°	4310	38.5°	3980	100
105													21.5°	3940	34°	3620	105
110													7.5°	3610	29.5°	3300	110
115															23.5°	2990	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	13100	0°	9750	0°	9100	0°	4950	0°	4900	0°	2750	0°	3350	0°		
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 1H

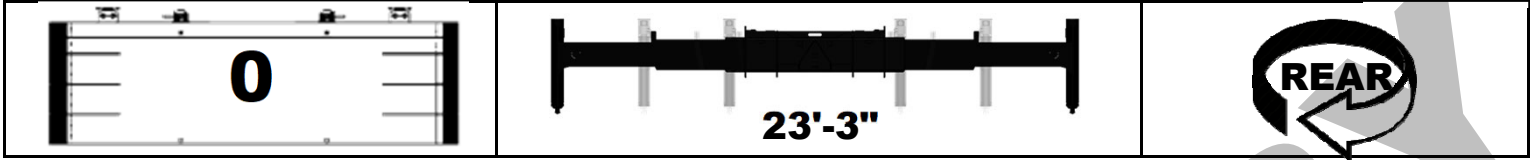
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	38810	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	31600	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	25920	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	21670	48°	22090	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	18340	42°	18810	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	16010	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	13580	41°	13850	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	11910	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	10310	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	8970	36.5°	8770	46°	8060	53°	7430	58°	6910	70
75									30°	8000	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	7080	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	6140	42.5°	5650	49°	5250	85
90											25°	5630	38°	5160	46°	4790	90
95											15.5°	4980	33.5°	4720	42°	4370	95
100													28.5°	4310	38.5°	3980	100
105													21.5°	3940	34°	3620	105
110													7.5°	3500	29.5°	3300	110
115															23.5°	2990	115
120															15°	2710	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	13100	0°	9750	0°	9100	0°	4750	0°	4900	0°	2650	0°	3250	0°	1400	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 1J

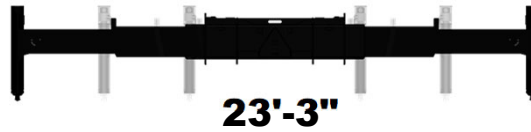
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH		38.5 FT	53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	38180	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	31090	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	25480	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	21290	48°	21700	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	17990	42°	18470	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	15460	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	13090	41°	13370	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	11470	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	9910	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	8600	36.5°	8770	46°	8060	53°	7430	58°	6910	70
75									30°	7720	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	6770	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	6090	42.5°	5650	49°	5250	85
90											25°	5360	38°	5160	46°	4790	90
95											15.5°	4720	33.5°	4720	42°	4370	95
100													28.5°	4270	38.5°	3980	100
105													21.5°	3760	34°	3620	105
110													7.5°	3280	29.5°	3300	110
115															23.5°	2970	115
120															15°	2590	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	13100	0°	9600	0°	9100	0°	4550	0°	4900	0°	2500	0°	3050	0°	1350	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 3A

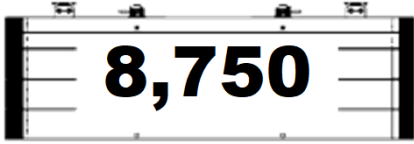
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32700	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	28100	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	22950	48°	22520	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	18340	42°	19080	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	15850	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	13340	41°	13630	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	11650	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	10020	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	8660	36.5°	8770	46°	8060	53°	7430	58°	6910	70
75									30°	7760	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	6780	37°	6720	46°	6180	52°	5750	80
85									7°	5290	31.5°	6080	42.5°	5650	49°	5250	85
90											25°	5350	38°	5160	46°	4790	90
95											15.5°	4690	33.5°	4720	42°	4370	95
100													28.5°	4240	38.5°	3980	100
105													21.5°	3720	34°	3620	105
110													7.5°	3240	29.5°	3300	110
115															23.5°	2920	115
120															15°	2530	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	13100	0°	9750	0°	9100	0°	4600	0°	4900	0°	2500	0°	3000	0°	1350	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 3B

MAIN BOOM



8,750



23'-3"



360°

LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32700	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	28100	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	22110	48°	22520	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	17850	42°	18370	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	15230	46.5°	15330	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	12800	41°	13080	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	11160	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	9580	41.5°	9630	50°	8860	56°	8160	60.5°	7570	65
70							16°	8260	36.5°	8480	46°	8060	53°	7430	58°	6910	70
75									30°	7380	41.5°	7350	49.5°	6780	55°	6300	75
80									22°	6430	37°	6580	46°	6180	52°	5750	80
85									7°	5290	31.5°	5760	42.5°	5650	49°	5250	85
90											25°	5050	38°	5160	46°	4790	90
95											15.5°	4400	33.5°	4530	42°	4370	95
100													28.5°	3970	38.5°	3980	100
105													21.5°	3470	34°	3550	105
110													7.5°	3000	29.5°	3100	110
115															23.5°	2690	115
120															15°	2310	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	13100	0°	9500	0°	9100	0°	4400	0°	4900	0°	2300	0°	2800	0°	1200	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 3C

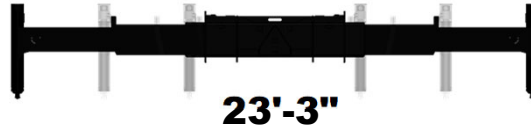
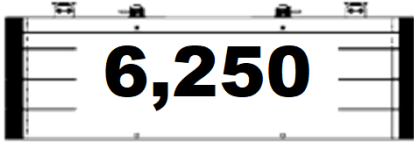
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32700	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	27120	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	21280	48°	21780	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	17140	42°	17660	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	14610	46.5°	14890	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	12250	41°	12540	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	10670	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	9140	41.5°	9340	50°	8860	56°	8160	60.5°	7570	65
70							16°	7850	36.5°	8080	46°	8060	53°	7430	58°	6910	70
75									30°	7010	41.5°	7140	49.5°	6780	55°	6300	75
80									22°	6090	37°	6230	46°	6180	52°	5750	80
85									7°	5260	31.5°	5440	42.5°	5550	49°	5250	85
90											25°	4740	38°	4860	46°	4790	90
95											15.5°	4120	33.5°	4250	42°	4320	95
100													28.5°	3700	38.5°	3780	100
105													21.5°	3210	34°	3300	105
110													7.5°	2760	29.5°	2860	110
115															23.5°	2460	115
120															15°	2100	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	13100	0°	9150	0°	9100	0°	4150	0°	4900	0°	2200	0°	2550	0°	1100	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 3D

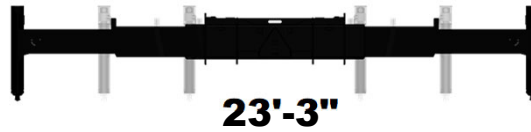
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32700	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	26110	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	20440	48°	20940	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	16430	42°	16950	52°	17070	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	13990	46.5°	14270	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	11700	41°	11990	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9790	35°	10180	46.5°	10340	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	8690	41.5°	8900	50°	8860	56°	8160	60.5°	7570	65
70							16°	7450	36.5°	7670	46°	7800	53°	7430	58°	6910	70
75									30°	6630	41.5°	6770	49.5°	6780	55°	6300	75
80									22°	5740	37°	5880	46°	5990	52°	5750	80
85									7°	4940	31.5°	5120	42.5°	5220	49°	5250	85
90											25°	4440	38°	4550	46°	4630	90
95											15.5°	3840	33.5°	3960	42°	4040	95
100													28.5°	3440	38.5°	3510	100
105													21.5°	2960	34°	3040	105
110													7.5°	2510	29.5°	2620	110
115															23.5°	2230	115
120															15°	1880	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	13100	0°	8750	0°	9100	0°	3950	0°	4600	0°	2050	0°	2300	0°	1000	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 3E

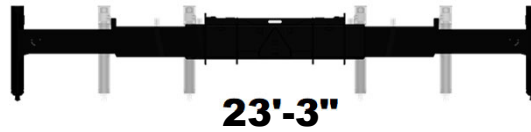
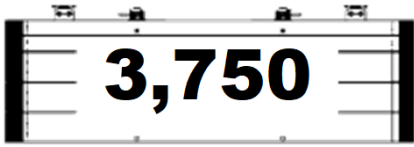
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32700	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	25100	54°	25490	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	19610	48°	20110	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	15720	42°	16240	52°	16520	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	13380	46.5°	13660	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	11160	41°	11450	50.5°	11380	57°	10500	62°	9890	66°	9130	55
60					7°	9350	35°	9690	46.5°	9890	53.5°	9760	59°	8970	63.5°	8320	60
65							27°	8250	41.5°	8460	50°	8590	56°	8160	60.5°	7570	65
70							16°	7040	36.5°	7270	46°	7400	53°	7430	58°	6910	70
75									30°	6260	41.5°	6400	49.5°	6500	55°	6300	75
80									22°	5390	37°	5540	46°	5640	52°	5710	80
85									7°	4620	31.5°	4790	42.5°	4900	49°	4970	85
90											25°	4140	38°	4250	46°	4320	90
95											15.5°	3550	33.5°	3680	42°	3750	95
100													28.5°	3170	38.5°	3240	100
105													21.5°	2710	34°	2790	105
110													7.5°	2270	29.5°	2380	110
115															23.5°	2010	115
120															15°	1660	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	13100	0°	8350	0°	8700	0°	3750	0°	4300	0°	1850	0°	2100	0°	850	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 3F

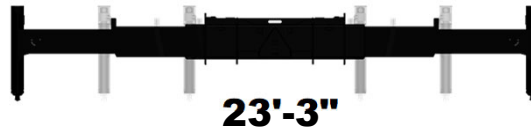
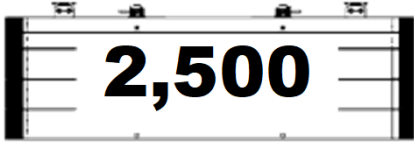
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	30200	49.5°	32250	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	24080	54°	24600	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	18770	48°	19270	56.5°	19160	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	15010	42°	15530	52°	15810	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	12760	46.5°	13040	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	10610	41°	10900	50.5°	11100	57°	10500	62°	9890	66°	9130	55
60					7°	8860	35°	9200	46.5°	9400	53.5°	9530	59°	8970	63.5°	8320	60
65							27°	7800	41.5°	8010	50°	8140	56°	8160	60.5°	7570	65
70							16°	6630	36.5°	6860	46°	6990	53°	7090	58°	6910	70
75									30°	5890	41.5°	6020	49.5°	6120	55°	6200	75
80									22°	5050	37°	5190	46°	5290	52°	5370	80
85									7°	4290	31.5°	4470	42.5°	4580	49°	4650	85
90											25°	3840	38°	3950	46°	4020	90
95											15.5°	3270	33.5°	3390	42°	3470	95
100													28.5°	2900	38.5°	2980	100
105													21.5°	2450	34°	2540	105
110													7.5°	2030	29.5°	2140	110
115															23.5°	1780	115
120															15°	1440	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	13100	0°	8000	0°	8250	0°	3500	0°	4000	0°	1700	0°	1850	0°	750	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 3G

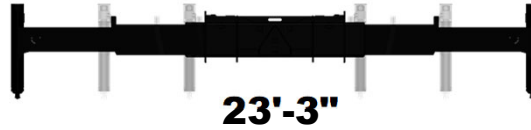
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	39000	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	29760	49.5°	30960	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	23070	54°	23580	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	17930	48°	18440	56.5°	18720	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	14300	42°	14820	52°	15100	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	12140	46.5°	12420	55°	12620	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	10060	41°	10350	50.5°	10550	57°	10500	62°	9890	66°	9130	55
60					7°	8370	35°	8710	46.5°	8910	53.5°	9040	59°	8970	63.5°	8320	60
65							27°	7360	41.5°	7570	50°	7700	56°	7800	60.5°	7570	65
70							16°	6230	36.5°	6450	46°	6590	53°	6690	58°	6760	70
75									30°	5510	41.5°	5650	49.5°	5750	55°	5820	75
80									22°	4700	37°	4840	46°	4950	52°	5020	80
85									7°	3970	31.5°	4150	42.5°	4250	49°	4330	85
90											25°	3530	38°	3650	46°	3720	90
95											15.5°	2980	33.5°	3110	42°	3180	95
100													28.5°	2630	38.5°	2710	100
105													21.5°	2200	34°	2280	105
110													7.5°	1790	29.5°	1900	110
115															23.5°	1550	115
120															15°	1220	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	12900	0°	7600	0°	7800	0°	3300	0°	3700	0°	1550	0°	1650	0°	650	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 3H

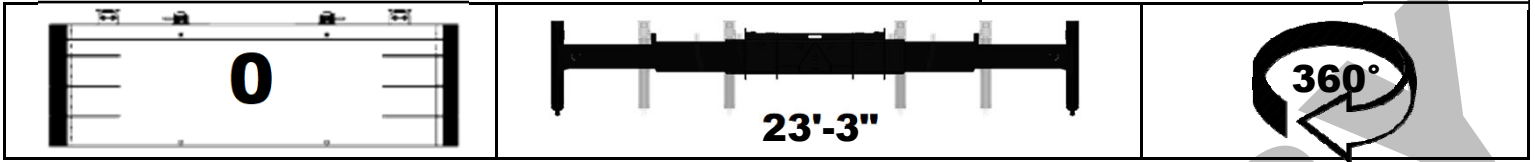
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	38810	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	28470	49.5°	29670	59°	29140	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	22050	54°	22570	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	17100	48°	17600	56.5°	17890	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	13590	42°	14110	52°	14390	59°	14050	64°	12900	68°	11780	71°	10800	45
50					34.5°	11520	46.5°	11800	55°	12010	60.5°	11610	65°	10640	68.5°	10000	50
55					25°	9520	41°	9810	50.5°	10010	57°	10140	62°	9890	66°	9130	55
60					7°	7880	35°	8220	46.5°	8420	53.5°	8550	59°	8650	63.5°	8320	60
65							27°	6920	41.5°	7120	50°	7250	56°	7360	60.5°	7430	65
70							16°	5820	36.5°	6050	46°	6180	53°	6280	58°	6350	70
75									30°	5140	41.5°	5270	49.5°	5380	55°	5450	75
80									22°	4350	37°	4500	46°	4600	52°	4670	80
85									7°	3650	31.5°	3820	42.5°	3930	49°	4000	85
90											25°	3230	38°	3340	46°	3420	90
95											15.5°	2700	33.5°	2830	42°	2900	95
100													28.5°	2360	38.5°	2440	100
105													21.5°	1940	34°	2030	105
110													7.5°	1550	29.5°	1660	110
115															23.5°	1320	115
120															15°	1000	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	12350	0°	7250	0°	7350	0°	3100	0°	3400	0°	1400	0°	1400	0°	500	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 3J

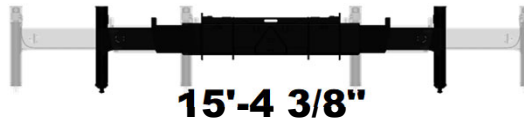
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH		38.5 FT	53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	47700	62.5°	45700	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	38180	56°	38400	64°	33450	69°	27890	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	27180	49.5°	28380	59°	28940	65°	24230	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	21040	54°	21550	61°	21310	66°	17710	70.5°	16070	73°	14480	75.5°	12760	35
40			32°	16260	48°	16760	56.5°	17050	62.5°	15740	67.5°	14360	70.5°	13050	73°	11760	40
45			18.5°	12880	42°	13400	52°	13680	59°	13890	64°	12900	68°	11780	71°	10800	45
50					34.5°	10910	46.5°	11190	55°	11390	60.5°	11520	65°	10640	68.5°	10000	50
55					25°	8970	41°	9260	50.5°	9460	57°	9590	62°	9700	66°	9130	55
60					7°	7390	35°	7730	46.5°	7930	53.5°	8060	59°	8160	63.5°	8240	60
65							27°	6470	41.5°	6680	50°	6810	56°	6910	60.5°	6990	65
70							16°	5420	36.5°	5640	46°	5770	53°	5880	58°	5950	70
75									30°	4760	41.5°	4900	49.5°	5000	55°	5070	75
80									22°	4010	37°	4150	46°	4250	52°	4330	80
85									7°	3320	31.5°	3500	42.5°	3610	49°	3680	85
90											25°	2930	38°	3040	46°	3110	90
95											15.5°	2410	33.5°	2540	42°	2620	95
100													28.5°	2090	38.5°	2170	100
105													21.5°	1690	34°	1770	105
110													7.5°	1310	29.5°	1420	110
115															23.5°	1090	115
120															15°	780	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	11750	0°	6850	0°	6900	0°	2850	0°	3100	0°	1250	0°	1200	0°	400	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 4A

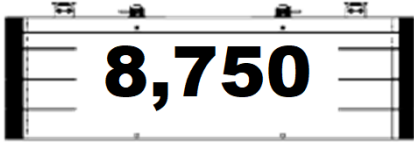
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	39100	62.5°	40210	69°	39300	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	25850	56°	26840	64°	27330	69°	27630	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	18480	49.5°	19450	59°	19900	65°	20170	69.5°	20000	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	14760	54°	15190	61°	15450	66°	15640	70.5°	15780	73°	14480	75.5°	12760	35
40			32°	11500	48°	11930	56.5°	12180	62.5°	12370	67.5°	12490	70.5°	12600	73°	11760	40
45			18.5°	9080	42°	9540	52°	9790	59°	9970	64°	10090	68°	10190	71°	10260	45
50					34.5°	7700	46.5°	7950	55°	8130	60.5°	8250	65°	8350	68.5°	8420	50
55					25°	6240	41°	6500	50.5°	6680	57°	6800	62°	6900	66°	6960	55
60					7°	5020	35°	5330	46.5°	5510	53.5°	5630	59°	5720	63.5°	5790	60
65							27°	4350	41.5°	4540	50°	4660	56°	4750	60.5°	4810	65
70							16°	3510	36.5°	3720	46°	3840	53°	3930	58°	4000	70
75									30°	3020	41.5°	3140	49.5°	3240	55°	3300	75
80									22°	2410	37°	2540	46°	2630	52°	2700	80
85									7°	1850	31.5°	2010	42.5°	2110	49°	2180	85
90											25°	1540	38°	1650	46°	1710	90
95											15.5°	1120	33.5°	1240	42°	1310	95
100													28.5°	870	38.5°	940	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	8000	0°	4800	0°	4650	0°	1850	0°	1700	0°	550	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 4B

MAIN BOOM



8,750



15'-4 3/8"

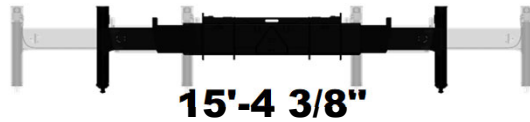


360°

LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	37590	62.5°	38690	69°	39260	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	24780	56°	25770	64°	26250	69°	26550	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	17650	49.5°	18620	59°	19070	65°	19340	69.5°	19550	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	14080	54°	14510	61°	14770	66°	14960	70.5°	15090	73°	14480	75.5°	12760	35
40			32°	10920	48°	11360	56.5°	11600	62.5°	11790	67.5°	11920	70.5°	12020	73°	11760	40
45			18.5°	8580	42°	9040	52°	9290	59°	9470	64°	9590	68°	9690	71°	9760	45
50					34.5°	7260	46.5°	7510	55°	7690	60.5°	7810	65°	7910	68.5°	7980	50
55					25°	5850	41°	6110	50.5°	6290	57°	6410	62°	6500	66°	6570	55
60					7°	4660	35°	4970	46.5°	5150	53.5°	5270	59°	5360	63.5°	5430	60
65							27°	4020	41.5°	4210	50°	4330	56°	4420	60.5°	4490	65
70							16°	3210	36.5°	3420	46°	3540	53°	3630	58°	3700	70
75									30°	2740	41.5°	2860	49.5°	2960	55°	3020	75
80									22°	2150	37°	2280	46°	2380	52°	2440	80
85									7°	1610	31.5°	1770	42.5°	1870	49°	1930	85
90											25°	1320	38°	1420	46°	1490	90
95											15.5°	910	33.5°	1020	42°	1090	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	7650	0°	4550	0°	4350	0°	1700	0°	1500	0°	450	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 4C

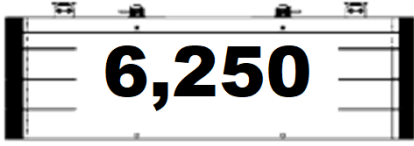
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH		38.5 FT	53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	36070	62.5°	37180	69°	37740	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	23700	56°	24690	64°	25180	69°	25470	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	16810	49.5°	17780	59°	18230	65°	18500	69.5°	18710	72.5°	18080	75.5°	16060	77.5°	13000	30
35			41.5°	13390	54°	13830	61°	14080	66°	14280	70.5°	14410	73°	14480	75.5°	12760	35
40			32°	10350	48°	10780	56.5°	11030	62.5°	11210	67.5°	11340	70.5°	11450	73°	11520	40
45			18.5°	8080	42°	8540	52°	8790	59°	8970	64°	9090	68°	9190	71°	9260	45
50					34.5°	6820	46.5°	7070	55°	7250	60.5°	7370	65°	7470	68.5°	7540	50
55					25°	5460	41°	5720	50.5°	5900	57°	6010	62°	6110	66°	6180	55
60					7°	4310	35°	4610	46.5°	4800	53.5°	4910	59°	5010	63.5°	5070	60
65							27°	3700	41.5°	3890	50°	4010	56°	4100	60.5°	4160	65
70							16°	2910	36.5°	3120	46°	3240	53°	3330	58°	3400	70
75									30°	2460	41.5°	2590	49.5°	2680	55°	2750	75
80									22°	1890	37°	2020	46°	2120	52°	2180	80
85									7°	1370	31.5°	1530	42.5°	1630	49°	1690	85
90											25°	1090	38°	1200	46°	1260	90
95													33.5°	810	42°	880	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	7250	0°	4300	0°	4000	0°	1550	0°	1250	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 4D

MAIN BOOM



6,250



15'-4 3/8"

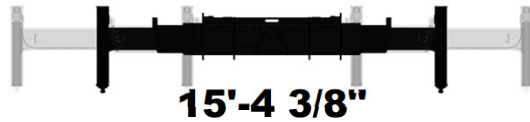


360°

LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	34560	62.5°	35670	69°	36230	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	22630	56°	23610	64°	24100	69°	24400	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	15980	49.5°	16950	59°	17400	65°	17670	69.5°	17880	72.5°	18020	75.5°	16060	77.5°	13000	30
35			41.5°	12710	54°	13150	61°	13400	66°	13600	70.5°	13730	73°	13840	75.5°	12760	35
40			32°	9770	48°	10200	56.5°	10450	62.5°	10640	67.5°	10760	70.5°	10870	73°	10950	40
45			18.5°	7580	42°	8040	52°	8290	59°	8470	64°	8590	68°	8690	71°	8760	45
50					34.5°	6380	46.5°	6630	55°	6810	60.5°	6930	65°	7030	68.5°	7100	50
55					25°	5060	41°	5320	50.5°	5500	57°	5620	62°	5710	66°	5780	55
60					7°	3950	35°	4260	46.5°	4440	53.5°	4560	59°	4650	63.5°	4720	60
65							27°	3370	41.5°	3560	50°	3680	56°	3770	60.5°	3840	65
70							16°	2610	36.5°	2820	46°	2940	53°	3040	58°	3100	70
75									30°	2190	41.5°	2310	49.5°	2410	55°	2470	75
80									22°	1630	37°	1770	46°	1860	52°	1930	80
85									7°	1130	31.5°	1290	42.5°	1390	49°	1450	85
90											25°	860	38°	970	46°	1040	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	6900	0°	4000	0°	3650	0°	1350	0°	1050	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 4E

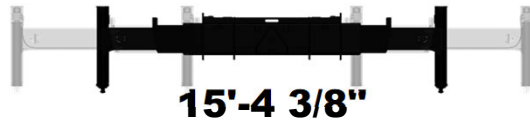
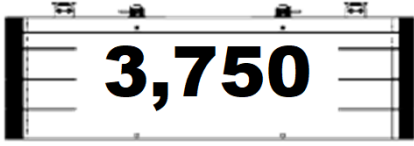
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	59000	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	33050	62.5°	34160	69°	34720	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	21550	56°	22540	64°	23020	69°	23320	72.5°	22620	75.5°	20160	78°	17660			25
30	23.5°	15140	49.5°	16120	59°	16560	65°	16840	69.5°	17040	72.5°	17190	75.5°	16060	77.5°	13000	30
35			41.5°	12030	54°	12460	61°	12720	66°	12910	70.5°	13050	73°	13160	75.5°	12760	35
40			32°	9190	48°	9630	56.5°	9870	62.5°	10060	67.5°	10190	70.5°	10290	73°	10370	40
45			18.5°	7080	42°	7540	52°	7790	59°	7970	64°	8090	68°	8190	71°	8260	45
50					34.5°	5940	46.5°	6190	55°	6370	60.5°	6490	65°	6590	68.5°	6660	50
55					25°	4670	41°	4930	50.5°	5110	57°	5230	62°	5320	66°	5390	55
60					7°	3590	35°	3900	46.5°	4090	53.5°	4200	59°	4300	63.5°	4360	60
65							27°	3050	41.5°	3240	50°	3360	56°	3450	60.5°	3510	65
70							16°	2310	36.5°	2520	46°	2640	53°	2740	58°	2800	70
75									30°	1910	41.5°	2030	49.5°	2130	55°	2190	75
80									22°	1380	37°	1510	46°	1600	52°	1670	80
85									7°	890	31.5°	1050	42.5°	1150	49°	1210	85
90															46°	810	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	6550	0°	3750	0°	3350	0°	1200	0°	800	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 4F

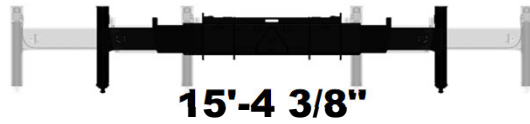
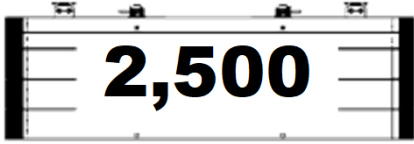
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH		38.5 FT	53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	56970	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	31180	62.5°	32290	69°	32850	73°	32140	76°	26010	78.5°	22790					20
25	38.5°	20230	56°	21220	64°	21700	69°	22000	72.5°	22230	75.5°	20160	78°	17660			25
30	23.5°	14120	49.5°	15090	59°	15540	65°	15810	69.5°	16020	72.5°	16170	75.5°	16060	77.5°	13000	30
35			41.5°	11200	54°	11630	61°	11890	66°	12080	70.5°	12220	73°	12330	75.5°	12410	35
40			32°	8490	48°	8920	56.5°	9170	62.5°	9360	67.5°	9490	70.5°	9590	73°	9670	40
45			18.5°	6480	42°	6940	52°	7180	59°	7360	64°	7490	68°	7590	71°	7660	45
50					34.5°	5410	46.5°	5660	55°	5840	60.5°	5960	65°	6050	68.5°	6120	50
55					25°	4190	41°	4450	50.5°	4630	57°	4750	62°	4840	66°	4910	55
60					7°	3160	35°	3470	46.5°	3650	53.5°	3770	59°	3860	63.5°	3930	60
65							27°	2650	41.5°	2840	50°	2960	56°	3050	60.5°	3120	65
70							16°	1950	36.5°	2160	46°	2280	53°	2370	58°	2440	70
75									30°	1580	41.5°	1700	49.5°	1790	55°	1860	75
80									22°	1060	37°	1200	46°	1290	52°	1360	80
85											31.5°	760	42.5°	850	49°	920	85
90																	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	6100	0°	3450	0°	2950	0°	1000	0°	0	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 4G

MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	54440	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	29670	62.5°	30780	69°	31340	73°	31690	76°	26010	78.5°	22790					20
25	38.5°	19160	56°	20140	64°	20630	69°	20930	72.5°	21160	75.5°	20160	78°	17660			25
30	23.5°	13290	49.5°	14260	59°	14710	65°	14980	69.5°	15190	72.5°	15330	75.5°	15460	77.5°	13000	30
35			41.5°	10520	54°	10950	61°	11210	66°	11400	70.5°	11540	73°	11650	75.5°	11730	35
40			32°	7920	48°	8350	56.5°	8600	62.5°	8780	67.5°	8910	70.5°	9010	73°	9090	40
45			18.5°	5980	42°	6440	52°	6680	59°	6860	64°	6990	68°	7090	71°	7160	45
50					34.5°	4970	46.5°	5220	55°	5400	60.5°	5520	65°	5610	68.5°	5680	50
55					25°	3800	41°	4060	50.5°	4240	57°	4360	62°	4450	66°	4520	55
60					7°	2810	35°	3110	46.5°	3300	53.5°	3410	59°	3510	63.5°	3570	60
65							27°	2330	41.5°	2520	50°	2640	56°	2730	60.5°	2790	65
70							16°	1650	36.5°	1860	46°	1980	53°	2080	58°	2140	70
75									30°	1300	41.5°	1420	49.5°	1520	55°	1580	75
80									22°	810	37°	940	46°	1030	52°	1100	80
85																	85
90																	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	5750	0°	3150	0°	2600	0°	850	0°	0	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 4H

MAIN BOOM



1,250



15'-4 3/8"

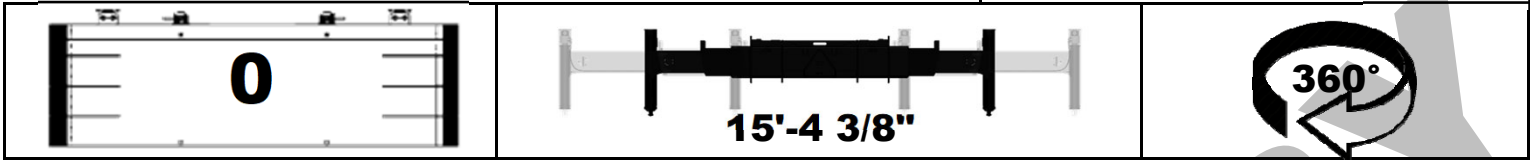


360°

LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH		38.5 FT	53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	51900	68.5°	51000	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	28160	62.5°	29270	69°	29830	73°	30180	76°	26010	78.5°	22790					20
25	38.5°	18080	56°	19070	64°	19560	69°	19850	72.5°	20090	75.5°	20160	78°	17660			25
30	23.5°	12460	49.5°	13430	59°	13880	65°	14150	69.5°	14360	72.5°	14500	75.5°	14620	77.5°	13000	30
35			41.5°	9840	54°	10270	61°	10530	66°	10720	70.5°	10850	73°	10970	75.5°	11050	35
40			32°	7340	48°	7770	56.5°	8020	62.5°	8210	67.5°	8330	70.5°	8440	73°	8520	40
45			18.5°	5480	42°	5940	52°	6180	59°	6370	64°	6490	68°	6590	71°	6660	45
50					34.5°	4530	46.5°	4780	55°	4960	60.5°	5080	65°	5170	68.5°	5240	50
55					25°	3400	41°	3660	50.5°	3840	57°	3960	62°	4060	66°	4120	55
60					7°	2450	35°	2760	46.5°	2940	53.5°	3060	59°	3150	63.5°	3220	60
65							27°	2000	41.5°	2190	50°	2310	56°	2410	60.5°	2470	65
70							16°	1350	36.5°	1560	46°	1680	53°	1780	58°	1840	70
75									30°	1020	41.5°	1150	49.5°	1240	55°	1310	75
80													46°	780	52°	840	80
85																	85
90																	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	5400	0°	2900	0°	2250	0°	700	0°	0	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 4J

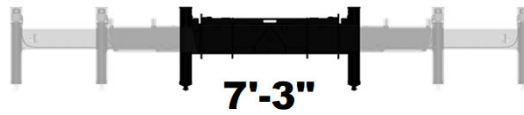
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		78 FT		91 FT		103 FT		116 FT		128 FT		LENGTH
6	73.5°	100000															6
8	70.5°	86600															8
10	67°	76400	74.5°	51000	78°	51000											10
12	64°	68400	72.5°	51000	76.5°	51000	79°	41710									12
15	59°	49360	68.5°	50800	73.5°	46650	77°	37880	79°	30000							15
20	49.5°	26650	62.5°	27760	69°	28320	73°	28670	76°	26010	78.5°	22790					20
25	38.5°	17010	56°	18000	64°	18480	69°	18780	72.5°	19010	75.5°	19170	78°	17660			25
30	23.5°	11620	49.5°	12590	59°	13040	65°	13310	69.5°	13520	72.5°	13670	75.5°	13790	77.5°	13000	30
35			41.5°	9160	54°	9590	61°	9840	66°	10040	70.5°	10170	73°	10290	75.5°	10370	35
40			32°	6760	48°	7200	56.5°	7450	62.5°	7630	67.5°	7760	70.5°	7860	73°	7940	40
45			18.5°	4980	42°	5440	52°	5690	59°	5870	64°	5990	68°	6090	71°	6160	45
50					34.5°	4090	46.5°	4340	55°	4520	60.5°	4640	65°	4730	68.5°	4800	50
55					25°	3010	41°	3270	50.5°	3450	57°	3570	62°	3660	66°	3730	55
60					7°	2100	35°	2400	46.5°	2590	53.5°	2700	59°	2800	63.5°	2860	60
65							27°	1680	41.5°	1870	50°	1990	56°	2080	60.5°	2150	65
70							16°	1060	36.5°	1260	46°	1380	53°	1480	58°	1540	70
75											41.5°	870	49.5°	960	55°	1030	75
80																	80
85																	85
90																	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	5000	0°	2650	0°	1950	0°	550	0°	0	0°	0	0°	0	0°	0	
		1230		890		720		610		520		460		410		370	STOWED
		2840		2620		2500		2430		2370		2330		2300		2280	RET
		3170		2860		2700		2600		2520		2460		2410		2380	EXT

CODE 5A

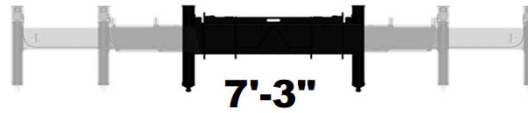
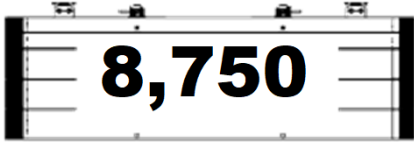
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		79 FT		92 FT		105 FT		118 FT		131 FT		
6	73.5°	100000															6
8	70.5°	72980															8
10	67°	48040	74.5°	49260	78°	49890											10
12	64°	35010	72.5°	36060	76.5°	36610	79°	36960									12
15	59°	24040	68.5°	24960	73.5°	25440	77°	25730	79°	25970							15
20	49.5°	14670	62.5°	15500	69°	15910	73°	16170	76°	16370	78.5°	16500					20
25	38.5°	9650	56°	10450	64°	10840	69°	11070	72.5°	11250	75.5°	11380	78°	11480			25
30	23.5°	6480	49.5°	7310	59°	7680	65°	7900	69.5°	8080	72.5°	8190	75.5°	8290	77.5°	8360	30
35			41.5°	5150	54°	5530	61°	5740	66°	5910	70.5°	6020	73°	6110	75.5°	6180	35
40			32°	3580	48°	3960	56.5°	4180	62.5°	4340	67.5°	4440	70.5°	4530	73°	4600	40
45			18.5°	2350	42°	2760	52°	2980	59°	3140	64°	3250	68°	3330	71°	3400	45
50					34.5°	1820	46.5°	2040	55°	2200	60.5°	2310	65°	2390	68.5°	2450	50
55							41°	1280	50.5°	1450	57°	1550	62°	1640	66°	1690	55
60									46.5°	820	53.5°	930	59°	1010	63.5°	1070	60
65																	65
70																	70
75																	75
80																	80
85																	85
90																	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	2900	0°	1250	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		1570		1140		920		770		660		580		520		460	STOWED
		3510		3240		3100		3010		2940		2890		2850		2820	RET
		3910		3530		3340		3200		3110		3040		2980		2940	EXT
	2620		2420		2320		2250		2200		2170		2140		2120		FIXED

CODE 5B

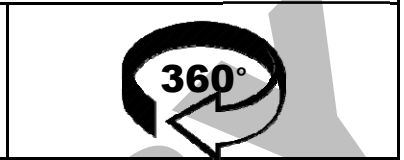
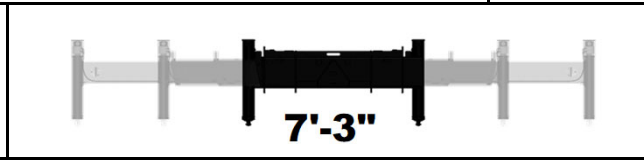
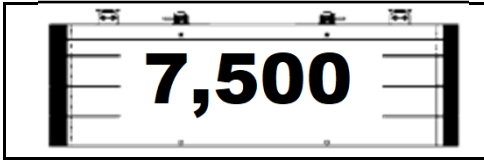
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		79 FT		92 FT		105 FT		118 FT		131 FT		
6	73.5°	100000															6
8	70.5°	69650															8
10	67°	45750	74.5°	46970	78°	47610											10
12	64°	33270	72.5°	34320	76.5°	34870	79°	35220									12
15	59°	22760	68.5°	23680	73.5°	24160	77°	24450	79°	24690							15
20	49.5°	13780	62.5°	14610	69°	15020	73°	15280	76°	15480	78.5°	15610					20
25	38.5°	8970	56°	9770	64°	10150	69°	10390	72.5°	10570	75.5°	10690	78°	10800			25
30	23.5°	5930	49.5°	6750	59°	7130	65°	7350	69.5°	7520	72.5°	7640	75.5°	7730	77.5°	7800	30
35			41.5°	4690	54°	5060	61°	5280	66°	5440	70.5°	5560	73°	5650	75.5°	5710	35
40			32°	3180	48°	3560	56.5°	3770	62.5°	3940	67.5°	4040	70.5°	4130	73°	4190	40
45			18.5°	2000	42°	2410	52°	2630	59°	2790	64°	2900	68°	2980	71°	3040	45
50					34.5°	1510	46.5°	1730	55°	1890	60.5°	2000	65°	2080	68.5°	2140	50
55					25°	760	41°	1000	50.5°	1160	57°	1270	62°	1350	66°	1410	55
60															63.5°	810	60
65																	65
70																	70
75																	75
80																	80
85																	85
90																	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	2650	0°	1100	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		1570		1140		920		770		660		580		520		460	STOWED
		3510		3240		3100		3010		2940		2890		2850		2820	RET
		3910		3530		3340		3200		3110		3040		2980		2940	EXT
	2620		2420		2320		2250		2200		2170		2140		2120		FIXED

CODE 5C

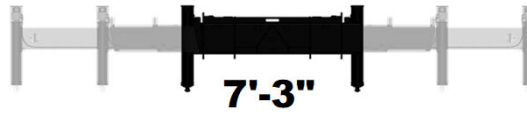
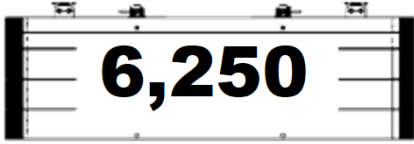
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		79 FT		92 FT		105 FT		118 FT		131 FT		
6	73.5°	100000															6
8	70.5°	66320															8
10	67°	43470	74.5°	44680	78°	45320											10
12	64°	31530	72.5°	32580	76.5°	33130	79°	33480									12
15	59°	21480	68.5°	22400	73.5°	22880	77°	23170	79°	23410							15
20	49.5°	12890	62.5°	13720	69°	14130	73°	14390	76°	14590	78.5°	14720					20
25	38.5°	8290	56°	9090	64°	9470	69°	9710	72.5°	9890	75.5°	10010	78°	10120			25
30	23.5°	5380	49.5°	6200	59°	6580	65°	6800	69.5°	6970	72.5°	7090	75.5°	7180	77.5°	7250	30
35			41.5°	4220	54°	4600	61°	4820	66°	4980	70.5°	5090	73°	5180	75.5°	5250	35
40			32°	2780	48°	3160	56.5°	3370	62.5°	3540	67.5°	3640	70.5°	3730	73°	3790	40
45			18.5°	1650	42°	2060	52°	2280	59°	2440	64°	2540	68°	2630	71°	2690	45
50							46.5°	1420	55°	1580	60.5°	1680	65°	1770	68.5°	1820	50
55									50.5°	880	57°	980	62°	1070	66°	1130	55
60																	60
65																	65
70																	70
75																	75
80																	80
85																	85
90																	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	2400	0°	900	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		1570		1140		920		770		660		580		520		460	STOWED
		3510		3240		3100		3010		2940		2890		2850		2820	RET
		3910		3530		3340		3200		3110		3040		2980		2940	EXT
	2620		2420		2320		2250		2200		2170		2140		2120	FIXED	

CODE 5D

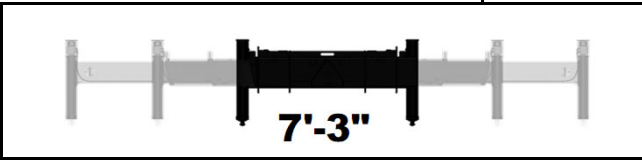
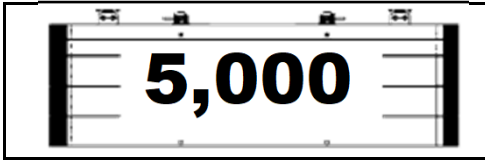
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		79 FT		92 FT		105 FT		118 FT		131 FT		
6	73.5°	100000															6
8	70.5°	62990															8
10	67°	41180	74.5°	42400	78°	43040											10
12	64°	29790	72.5°	30840	76.5°	31390	79°	31740									12
15	59°	20200	68.5°	21120	73.5°	21600	77°	21890	79°	22130							15
20	49.5°	12000	62.5°	12830	69°	13240	73°	13500	76°	13700	78.5°	13830					20
25	38.5°	7610	56°	8400	64°	8790	69°	9030	72.5°	9210	75.5°	9330	78°	9430			25
30	23.5°	4830	49.5°	5650	59°	6020	65°	6250	69.5°	6420	72.5°	6530	75.5°	6630	77.5°	6700	30
35			41.5°	3760	54°	4130	61°	4350	66°	4520	70.5°	4630	73°	4720	75.5°	4780	35
40			32°	2380	48°	2760	56.5°	2970	62.5°	3130	67.5°	3240	70.5°	3330	73°	3390	40
45					42°	1710	52°	1930	59°	2090	64°	2190	68°	2280	71°	2340	45
50					34.5°	880	46.5°	1100	55°	1260	60.5°	1370	65°	1450	68.5°	1510	50
55													62°	780	66°	840	55
60																	60
65																	65
70																	70
75																	75
80																	80
85																	85
90																	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	2150	0°	700	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		1570		1140		920		770		660		580		520		460	STOWED
		3510		3240		3100		3010		2940		2890		2850		2820	RET
		3910		3530		3340		3200		3110		3040		2980		2940	EXT
	2620		2420		2320		2250		2200		2170		2140		2120		FIXED

CODE 5E

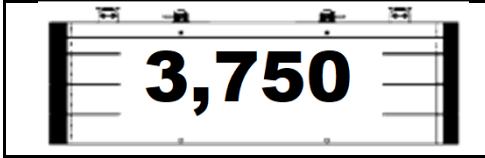
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		79 FT		92 FT		105 FT		118 FT		131 FT		
6	73.5°	100000															6
8	70.5°	59650															8
10	67°	38900	74.5°	40110	78°	40750											10
12	64°	28050	72.5°	29100	76.5°	29650	79°	30000									12
15	59°	18910	68.5°	19840	73.5°	20310	77°	20610	79°	20840							15
20	49.5°	11110	62.5°	11940	69°	12350	73°	12610	76°	12810	78.5°	12940					20
25	38.5°	6920	56°	7720	64°	8110	69°	8340	72.5°	8520	75.5°	8650	78°	8750			25
30	23.5°	4270	49.5°	5100	59°	5470	65°	5690	69.5°	5870	72.5°	5980	75.5°	6080	77.5°	6150	30
35			41.5°	3290	54°	3670	61°	3890	66°	4050	70.5°	4160	73°	4250	75.5°	4320	35
40			32°	1970	48°	2360	56.5°	2570	62.5°	2730	67.5°	2840	70.5°	2930	73°	2990	40
45					42°	1360	52°	1570	59°	1730	64°	1840	68°	1930	71°	1990	45
50							46.5°	790	55°	950	60.5°	1050	65°	1140	68.5°	1200	50
55																	55
60																	60
65																	65
70																	70
75																	75
80																	80
85																	85
90																	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	1900	0°	500	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		1570		1140		920		770		660		580		520		460	STOWED
		3510		3240		3100		3010		2940		2890		2850		2820	RET
		3910		3530		3340		3200		3110		3040		2980		2940	EXT
	2620		2420		2320		2250		2200		2170		2140		2120	FIXED	

CODE 5F

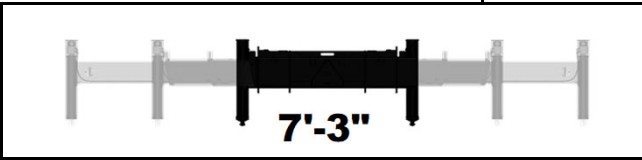
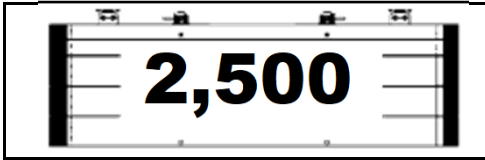
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		79 FT		92 FT		105 FT		118 FT		131 FT		
6	73.5°	100000															6
8	70.5°	56320															8
10	67°	36610	74.5°	37830	78°	38470											10
12	64°	26310	72.5°	27360	76.5°	27910	79°	28260									12
15	59°	17630	68.5°	18560	73.5°	19030	77°	19330	79°	19560							15
20	49.5°	10220	62.5°	11050	69°	11460	73°	11720	76°	11920	78.5°	12050					20
25	38.5°	6240	56°	7040	64°	7430	69°	7660	72.5°	7840	75.5°	7970	78°	8070			25
30	23.5°	3720	49.5°	4540	59°	4920	65°	5140	69.5°	5310	72.5°	5430	75.5°	5520	77.5°	5590	30
35			41.5°	2830	54°	3200	61°	3420	66°	3590	70.5°	3700	73°	3790	75.5°	3850	35
40			32°	1570	48°	1960	56.5°	2170	62.5°	2330	67.5°	2440	70.5°	2530	73°	2590	40
45					42°	1000	52°	1220	59°	1380	64°	1490	68°	1570	71°	1630	45
50													65°	820	68.5°	880	50
55																	55
60																	60
65																	65
70																	70
75																	75
80																	80
85																	85
90																	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	1650	0°		0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		1570		1140		920		770		660		580		520		460	STOWED
		3510		3240		3100		3010		2940		2890		2850		2820	RET
		3910		3530		3340		3200		3110		3040		2980		2940	EXT
	2620		2420		2320		2250		2200		2170		2140		2120	FIXED	

CODE 5G

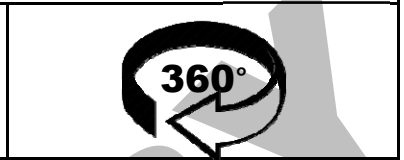
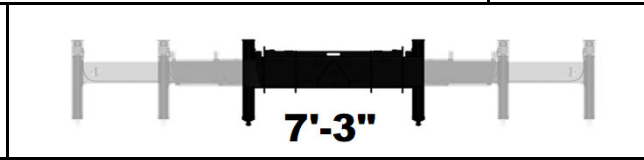
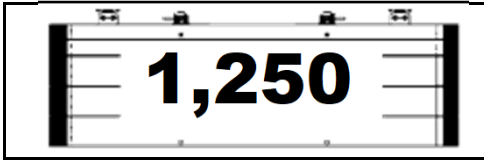
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		79 FT		92 FT		105 FT		118 FT		131 FT		
6	73.5°	100000															6
8	70.5°	52990															8
10	67°	34320	74.5°	35540	78°	36180											10
12	64°	24570	72.5°	25620	76.5°	26170	79°	26520									12
15	59°	16350	68.5°	17280	73.5°	17750	77°	18050	79°	18280							15
20	49.5°	9330	62.5°	10160	69°	10570	73°	10830	76°	11030	78.5°	11160					20
25	38.5°	5560	56°	6360	64°	6750	69°	6980	72.5°	7160	75.5°	7290	78°	7390			25
30	23.5°	3170	49.5°	3990	59°	4370	65°	4590	69.5°	4760	72.5°	4880	75.5°	4970	77.5°	5040	30
35			41.5°	2370	54°	2740	61°	2960	66°	3120	70.5°	3230	73°	3320	75.5°	3390	35
40			32°	1170	48°	1550	56.5°	1770	62.5°	1930	67.5°	2040	70.5°	2130	73°	2190	40
45							52°	870	59°	1030	64°	1140	68°	1220	71°	1280	45
50																	50
55																	55
60																	60
65																	65
70																	70
75																	75
80																	80
85																	85
90																	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	1400	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		1570		1140		920		770		660		580		520		460	STOWED
		3510		3240		3100		3010		2940		2890		2850		2820	RET
		3910		3530		3340		3200		3110		3040		2980		2940	EXT
	2620		2420		2320		2250		2200		2170		2140		2120	FIXED	

CODE 5H

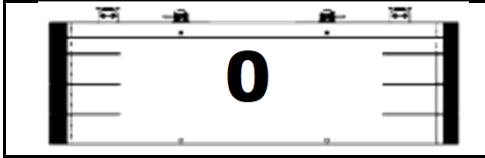
MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		79 FT		92 FT		105 FT		118 FT		131 FT		
6	73.5°	96950															6
8	70.5°	49660															8
10	67°	32040	74.5°	33260	78°	33890											10
12	64°	22830	72.5°	23880	76.5°	24430	79°	24780									12
15	59°	15070	68.5°	16000	73.5°	16470	77°	16770	79°	17000							15
20	49.5°	8440	62.5°	9270	69°	9680	73°	9940	76°	10140	78.5°	10270					20
25	38.5°	4880	56°	5680	64°	6060	69°	6300	72.5°	6480	75.5°	6600	78°	6710			25
30	23.5°	2620	49.5°	3440	59°	3810	65°	4040	69.5°	4210	72.5°	4320	75.5°	4420	77.5°	4490	30
35			41.5°	1900	54°	2270	61°	2490	66°	2660	70.5°	2770	73°	2860	75.5°	2930	35
40			32°	770	48°	1150	56.5°	1370	62.5°	1530	67.5°	1640	70.5°	1730	73°	1790	40
45											64°	780	68°	870	71°	930	45
50																	50
55																	55
60																	60
65																	65
70																	70
75																	75
80																	80
85																	85
90																	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	1150	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		1570		1140		920		770		660		580		520		460	STOWED
		3510		3240		3100		3010		2940		2890		2850		2820	RET
		3910		3530		3340		3200		3110		3040		2980		2940	EXT
	2620		2420		2320		2250		2200		2170		2140		2120	FIXED	

CODE 5J

MAIN BOOM



LOAD RADIUS (FT)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	ANGLE	LOAD CAP. (LBS)	LOAD RADIUS (FT)
LENGTH	38.5 FT		53 FT		66 FT		79 FT		92 FT		105 FT		118 FT		131 FT		
6	73.5°	90810															6
8	70.5°	46330															8
10	67°	29750	74.5°	30970	78°	31610											10
12	64°	21090	72.5°	22140	76.5°	22690	79°	23040									12
15	59°	13790	68.5°	14720	73.5°	15190	77°	15490	79°	15720							15
20	49.5°	7550	62.5°	8380	69°	8790	73°	9050	76°	9250	78.5°	9380					20
25	38.5°	4200	56°	5000	64°	5380	69°	5620	72.5°	5800	75.5°	5920	78°	6030			25
30	23.5°	2070	49.5°	2890	59°	3260	65°	3480	69.5°	3660	72.5°	3770	75.5°	3870	77.5°	3940	30
35			41.5°	1440	54°	1810	61°	2030	66°	2190	70.5°	2300	73°	2400	75.5°	2460	35
40							56.5°	970	62.5°	1130	67.5°	1240	70.5°	1330	73°	1390	40
45																	45
50																	50
55																	55
60																	60
65																	65
70																	70
75																	75
80																	80
85																	85
90																	90
95																	95
100																	100
105																	105
110																	110
115																	115
120																	120
125																	125
130																	130
DEDUCTIONS FOR MAIN BOOM CAPACITIES	0°	900	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	0°	0	
		1570		1140		920		770		660		580		520		460	STOWED
		3510		3240		3100		3010		2940		2890		2850		2820	RET
		3910		3530		3340		3200		3110		3040		2980		2940	EXT
	2620		2420		2320		2250		2200		2170		2140		2120	FIXED	