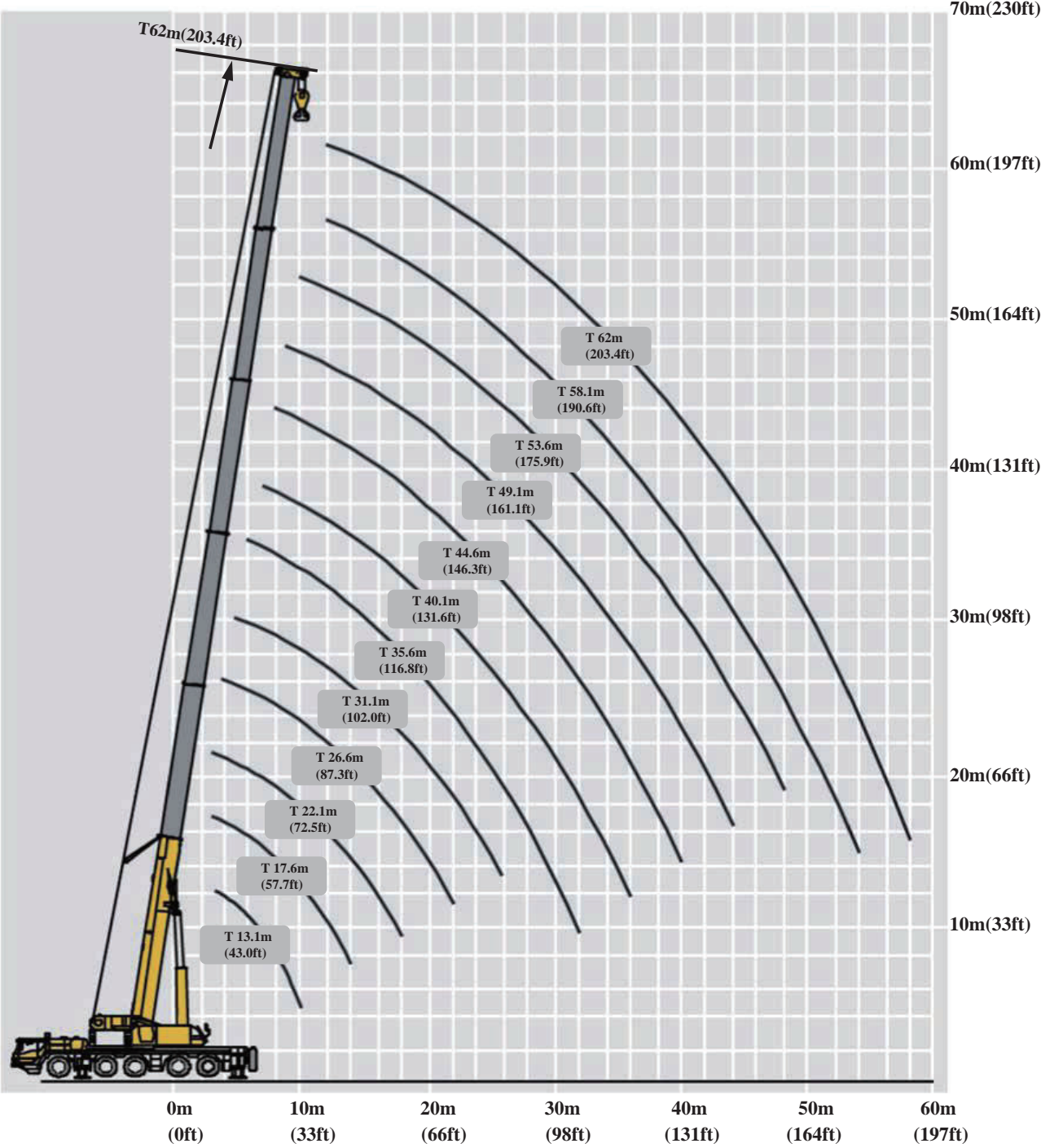
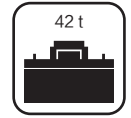
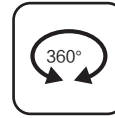
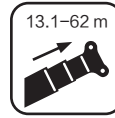




BOOM



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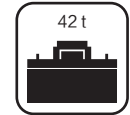
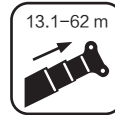
COUNTERWEIGHT IN THE FRONT POSITION UNITS: METRIC TONS





	13.1	17.6	22.1	26.6	31.1	35.6	40.1	44.6	49.1	53.6	58.1	62	
3	136.0**	83.0	83.0										3
3.5	101.0*	83.0	83.0										3.5
4	93.0*	83.0	83.0	67.0									4
4.5	86.0*	83.0	82.0	67.0									4.5
5	81.0	79.0	77.0	67.0	58.0								5
6	71.0	69.0	68.0	66.0	58.0	50.0							6
7	62.0	62.0	61.0	59.0	58.0	50.0	42.0						7
8	55.0	56.0	55.0	53.0	53.0	48.8	42.0	32.7					8
9	47.0	50.0	50.0	48.0	48.0	46.3	42.0	32.7	25.1				9
10	38.0	44.8	44.9	44.0	44.0	44.0	40.3	31.9	25.1	18.7			10
12		36.1	36.3	36.0	36.7	37.4	34.0	27.6	25.1	17.8	14.7	11.8	12
14		27.0	30.1	29.8	30.5	31.2	29.6	24.1	22.6	16.8	14.6	11.8	14
16			24.3	24.0	24.8	25.7	25.3	21.4	20.1	15.8	14.5	11.8	16
18			20.1	19.8	20.6	21.4	21.0	19.1	17.8	14.7	14.2	11.7	18
20				16.5	17.4	18.1	17.8	17.2	16.1	13.9	12.9	11.7	20
22				14.0	14.8	15.6	15.2	15.2	14.6	12.8	11.6	10.6	22
24				10.0	12.8	13.5	13.2	13.2	13.2	11.7	10.5	9.6	24
26					11.1	11.8	11.5	11.5	11.7	10.7	9.6	8.8	26
28					9.6	10.4	10.0	10.0	10.2	9.8	8.9	8.1	28
30						9.2	8.8	8.8	9.0	9.0	8.2	7.5	30
32						8.0	7.8	7.7	7.9	8.3	7.6	6.8	32
34							6.8	6.8	7.0	7.3	7.0	6.4	34
36							6.0	6.0	6.2	6.5	6.5	5.9	36
38								5.3	5.5	5.8	6.1	5.5	38
40								4.7	4.9	5.2	5.6	5.1	40
42									4.3	4.6	5.0	4.7	42
44									3.8	4.1	4.5	4.3	44
46										3.6	4.0	4.0	46
48										3.2	3.6	3.6	48
50											3.2	3.2	50
52											2.8	2.9	52
54											2.5	2.6	54
56												2.3	56
58												1.6	58

** Capacity class; * with the additional sheave of boom.

COUNTERWEIGHT IN THE REAR POSITION
UNITS: METRIC TONS

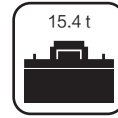
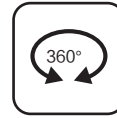


	13.1	17.6	22.1	26.6	31.1	35.6	40.1	44.6	49.1	53.6	58.1	62	
3	136.0**	83.0	83.0										3
3.5	101.0*	83.0	83.0										3.5
4	93.0*	83.0	83.0	67.0									4
4.5	86.0*	83.0	82.0	67.0									4.5
5	81.0	79.0	77.0	67.0	58.0								5
6	71.0	69.0	68.0	66.0	58.0	50.0							6
7	62.0	62.0	61.0	59.0	58.0	50.0	42.0						7
8	55.0	56.0	55.0	53.0	53.0	48.8	42.0	32.7					8
9	47.0	50.0	50.0	48.0	48.0	46.3	42.0	32.7	25.1				9
10	38.0	45.6	45.0	44.0	44.0	44.0	40.3	31.9	25.1	18.7			10
12		36.8	37.0	36.7	37.4	38.0	34.0	27.6	25.1	17.8	14.7	11.8	12
14		27.0	30.2	29.8	30.7	31.5	29.6	24.1	22.6	16.8	14.6	11.8	14
16			24.3	24.0	24.8	25.7	25.3	21.4	20.1	15.8	14.5	11.8	16
18			20.1	19.8	20.6	21.4	21.0	19.1	17.8	14.7	14.2	11.7	18
20				16.5	17.4	18.1	17.8	17.2	16.1	13.9	12.9	11.7	20
22				14.0	14.8	15.6	15.2	15.2	14.6	12.8	11.6	10.6	22
24				10.0	12.8	13.5	13.2	13.2	13.2	11.7	10.5	9.6	24
26					11.1	11.8	11.5	11.5	11.7	10.7	9.6	8.8	26
28					10.3	10.4	10.1	10.0	10.2	9.8	8.9	8.1	28
30						9.2	8.8	8.8	9.0	9.0	8.2	7.5	30
32						8.0	7.8	7.8	8.0	8.3	7.6	6.8	32
34							6.9	6.9	7.1	7.4	7.0	6.4	34
36							6.1	6.1	6.3	6.6	6.5	5.9	36
38								5.4	5.6	5.9	6.1	5.5	38
40								4.7	4.9	5.3	5.6	5.1	40
42									4.4	4.7	5.1	4.7	42
44									3.9	4.2	4.5	4.3	44
46										3.7	4.1	4.0	46
48										3.3	3.6	3.7	48
50											3.3	3.3	50
52											2.9	2.9	52
54											2.6	2.6	54
56												2.3	56
58												1.6	58

** Capacity class; * with the additional sheave of boom.

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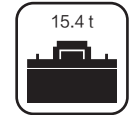
COUNTERWEIGHT IN THE FRONT POSITION UNITS: METRIC TONS





	13.1	17.6	22.1	26.6	31.1	35.6	40.1	44.6	49.1	53.6	58.1	62	
3	134.3**	83.0	83.0										3
3.5	101.0*	83.0	83.0										3.5
4	93.0*	83.0	83.0	67.0									4
4.5	86.0*	83.0	82.0	67.0									4.5
5	80.1	79.0	77.0	67.0	58.0								5
6	65.6	66.3	66.5	66.0	58.0	50.0							6
7	55.2	55.9	56.1	55.7	56.5	50.0	42.0						7
8	47.4	48.1	48.3	47.9	48.6	48.8	42.0	32.7					8
9	38.6	39.6	39.9	39.4	40.4	41.5	41.0	32.7	25.1				9
10	31.3	32.4	32.7	32.1	33.2	34.3	33.8	31.9	25.1	18.7			10
12		22.7	23.0	22.5	23.5	24.5	24.0	24.0	24.3	17.8	14.7	11.8	12
14		16.9	17.1	16.7	17.6	18.5	18.1	18.1	18.3	16.8	14.6	11.8	14
16			13.2	12.8	13.7	14.5	14.1	14.1	14.3	14.7	14.5	11.8	16
18			10.4	10.0	10.8	11.7	11.3	11.3	11.5	11.8	12.3	11.7	18
20				7.9	8.7	9.5	9.1	9.1	9.3	9.7	10.1	10.1	20
22				6.2	7.0	7.8	7.5	7.4	7.6	8.0	8.4	8.4	22
24				4.9	5.7	6.5	6.1	6.1	6.3	6.6	7.0	7.1	24
26					4.6	5.4	5.0	5.0	5.2	5.5	5.9	6.0	26
28					3.7	4.5	4.1	4.1	4.3	4.6	5.0	5.0	28
30						3.7	3.3	3.3	3.5	3.8	4.2	4.3	30
32							3.0	2.6	2.6	2.8	3.1	3.5	32
34								2.1	2.1	2.3	2.6	2.9	34
36									1.6	1.5	1.7	2.1	36
38										1.1	1.3	1.6	38
40												1.2	40
42													42

** Capacity class; * with the additional sheave of boom.

COUNTERWEIGHT IN THE REAR POSITION
UNITS: METRIC TONS

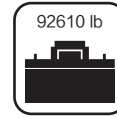
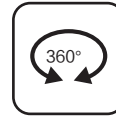
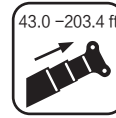




	13.1	17.6	22.1	26.6	31.1	35.6	40.1	44.6	49.1	53.6	58.1	62	
3	136.0**	83.0	83.0										3
3.5	101.0*	83.0	83.0										3.5
4	93.0*	83.0	83.0	67.0									4
4.5	86.0*	83.0	82.0	67.0									4.5
5	81.0	79.0	77.0	67.0	58.0								5
6	66.7	67.4	67.5	66.0	58.0	50.0							6
7	56.1	56.8	57.0	56.6	57.4	50.0	42.0						7
8	48.2	48.9	49.1	48.7	49.4	48.8	42.0	32.7					8
9	39.6	40.6	40.9	40.3	41.4	42.5	42.0	32.7	25.1				9
10	32.2	33.3	33.6	33.0	34.1	35.2	34.7	31.9	25.1	18.7			10
12		23.4	23.7	23.2	24.2	25.2	24.7	24.7	24.9	17.8	14.7	11.8	12
14		17.4	17.7	17.2	18.2	19.1	18.6	18.6	18.9	16.8	14.6	11.8	14
16			13.7	13.2	14.1	15.0	14.6	14.6	14.8	15.2	14.5	11.8	16
18			10.8	10.4	11.2	12.1	11.7	11.6	11.9	12.2	12.7	11.8	18
20				8.2	9.0	9.9	9.5	9.5	9.7	10.0	10.4	10.5	20
22				6.5	7.3	8.1	7.8	7.7	8.0	8.3	8.7	8.8	22
24				5.1	6.0	6.8	6.4	6.4	6.6	6.9	7.3	7.4	24
26					4.8	5.6	5.3	5.2	5.5	5.8	6.2	6.2	26
28					3.9	4.7	4.3	4.3	4.5	4.8	5.2	5.3	28
30						3.9	3.5	3.5	3.7	4.0	4.4	4.5	30
32							3.2	2.8	2.8	3.0	3.3	3.7	32
34								2.2	2.2	2.4	2.8	3.1	34
36								1.7	1.7	1.9	2.2	2.6	36
38									1.3	1.5	1.8	2.1	38
40										1.0	1.4	1.7	40
42												1.4	42
44												1.0	44

** Capacity class; * with the additional sheave of boom.

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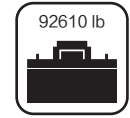
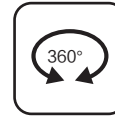
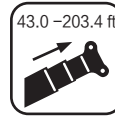
COUNTERWEIGHT IN THE FRONT POSITION (1,000 lb)





	43.0	57.7	72.5	87.3	102.0	116.8	131.6	146.3	161.1	175.9	190.6	203.4	
9.8	300.0**	183.0	183.0										9.8
11.5	222.7**	183.0	183.0										11.5
13.1	205.0**	183.0	183.0	147.7									13.1
14.8	189.6**	183.0	180.8	147.7									14.8
16.4	178.6	174.2	169.8	147.7	127.9								16.4
19.7	156.6	152.1	149.9	145.5	127.9	110.3							19.7
23.0	136.7	136.7	134.5	130.1	127.9	110.3	92.6						23.0
26.2	121.3	123.5	121.3	116.9	116.9	107.6	92.6	72.1					26.2
29.5	103.6	110.3	110.3	105.8	105.8	102.1	92.6	72.1	55.3				29.5
32.8	83.8	98.8	99.0	97.0	97.0	97.0	88.9	70.3	55.3	41.2			32.8
39.4		79.6	80.0	79.4	80.9	82.5	75.0	60.9	55.3	39.2	32.4	26.0	39.4
45.9		59.5	66.4	65.7	67.3	68.8	65.3	53.1	49.8	37.0	32.2	26.0	45.9
52.5			53.6	52.9	54.7	56.7	55.8	47.2	44.3	34.8	32.0	26.0	52.5
59.1			44.3	43.7	45.4	47.2	46.3	42.1	39.2	32.4	31.3	25.8	59.1
65.6				36.4	38.4	39.9	39.2	37.9	35.5	30.6	28.4	25.8	65.6
72.2				30.9	32.6	34.4	33.5	33.5	32.2	28.2	25.6	23.4	72.2
78.7				22.1	28.2	29.8	29.1	29.1	29.1	25.8	23.2	21.2	78.7
85.3					24.5	26.0	25.4	25.4	25.8	23.6	21.2	19.4	85.3
91.9					21.2	22.9	22.1	22.1	22.5	21.6	19.6	17.9	91.9
98.4						20.3	19.4	19.4	19.8	19.8	18.1	16.5	98.4
105.0						17.6	17.2	17.0	17.4	18.3	16.8	15.0	105.0
111.6							15.0	15.0	15.4	16.1	15.4	14.1	111.6
118.1							13.2	13.2	13.7	14.3	14.3	13.0	118.1
124.7								11.7	12.1	12.8	13.5	12.1	124.7
131.2								10.4	10.8	11.5	12.3	11.2	131.2
137.8									9.5	10.1	11.0	10.4	137.8
144.4									8.4	9.0	9.9	9.5	144.4
150.9										7.9	8.8	8.8	150.9
157.5										7.1	7.9	7.9	157.5
164.1											7.1	7.1	164.1
170.6											6.2	6.4	170.6
177.2											5.5	5.7	177.2
183.7												5.1	183.7
190.3												3.5	190.3

** Capacity class; * with the additional sheave of boom.

COUNTERWEIGHT IN THE REAR POSITION
(1,000 lb)

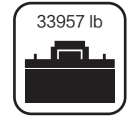
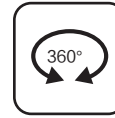
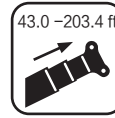


	43.0	57.7	72.5	87.3	102.0	116.8	131.6	146.3	161.1	175.9	190.6	203.4	
9.8	300.0**	183.0	183.0										9.8
11.5	222.7*	183.0	183.0										11.5
13.1	205.0*	183.0	183.0	147.7									13.1
14.8	189.6*	183.0	180.8	147.7									14.8
16.4	178.6	174.2	169.8	147.7	127.9								16.4
19.7	156.6	152.1	149.9	145.5	127.9	110.3							19.7
23.0	136.7	136.7	134.5	130.1	127.9	110.3	92.6						23.0
26.2	121.3	123.5	121.3	116.9	116.9	107.5	92.6	72.1					26.2
29.5	103.6	110.3	110.3	105.8	105.8	102.2	92.6	72.1	55.3				29.5
32.8	83.8	100.5	99.2	97.0	97.0	97.0	88.8	70.4	55.3	41.2			32.8
39.4		81.1	81.6	80.9	82.5	83.8	75.0	61.0	55.3	39.2	32.4	25.9	39.4
45.9		59.5	66.6	65.7	67.7	69.5	65.3	53.0	49.8	37.0	32.2	26.0	45.9
52.5			53.6	52.9	54.7	56.7	55.8	47.3	44.3	34.7	32.0	26.0	52.5
59.1			44.3	43.7	45.4	47.2	46.3	42.1	39.2	32.4	31.2	25.8	59.1
65.6				36.4	38.4	39.9	39.2	37.9	35.5	30.5	28.4	25.8	65.6
72.2				30.9	32.6	34.4	33.5	33.5	32.1	28.2	25.5	23.4	72.2
78.7				22.1	28.2	29.8	29.1	29.1	29.1	25.8	23.2	21.2	78.7
85.3					24.5	26.0	25.4	25.4	25.8	23.6	21.2	19.4	85.3
91.9					22.7	22.9	22.3	22.1	22.5	21.6	19.6	17.9	91.9
98.4						20.3	19.4	19.4	19.8	19.8	18.1	16.5	98.4
105.0						17.6	17.2	17.2	17.6	18.3	16.7	15.0	105.0
111.6							15.2	15.2	15.7	16.3	15.4	14.1	111.6
118.1							13.5	13.5	13.9	14.6	14.3	13.0	118.1
124.7								11.9	12.3	13.0	13.3	12.1	124.7
131.2								10.4	10.8	11.7	12.3	11.2	131.2
137.8									9.7	10.4	11.2	10.3	137.8
144.4									8.6	9.3	9.9	9.5	144.4
150.9										8.2	9.0	8.8	150.9
157.5										7.3	7.9	8.2	157.5
164.1											7.3	7.3	164.1
170.6											6.4	6.4	170.6
177.2											5.7	5.7	177.2
183.7												5.1	183.7
190.3												3.5	190.3

** Capacity class; * with the additional sheave of boom.

LOAD CHARTS

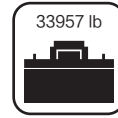
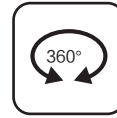
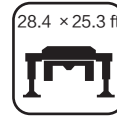
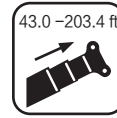
COUNTERWEIGHT IN THE FRONT POSITION (1,000 lb)





	43.0	57.7	72.5	87.3	102.0	116.8	131.6	146.3	161.1	175.9	190.6	203.4	
9.8	296.1**	183.0	183.0										9.8
11.5	222.7**	183.0	183.0										11.5
13.1	205.0**	183.0	183.0	147.7									13.1
14.8	189.6**	183.0	180.8	147.7									14.8
16.4	176.6	174.2	169.8	147.7	127.9								16.4
19.7	144.6	146.2	146.6	145.5	127.9	110.3							19.7
23.0	121.7	123.3	123.7	122.8	124.6	110.3	92.6						23.0
26.2	104.5	106.1	106.5	105.6	107.2	107.6	92.6	72.1					26.2
29.5	85.1	87.3	88.0	86.9	89.1	91.5	90.4	72.1	55.3				29.5
32.8	69.0	71.4	72.1	70.8	73.2	75.6	74.5	70.3	55.3	41.2			32.8
39.4		50.1	50.7	49.6	51.8	54.0	52.9	52.9	53.6	39.2	32.4	26.0	39.4
45.9		37.3	37.7	36.8	38.8	40.8	39.9	39.9	40.4	37.0	32.2	26.0	45.9
52.5			29.1	28.2	30.2	32.0	31.1	31.1	31.5	32.4	32.0	26.0	52.5
59.1			22.9	22.1	23.8	25.8	24.9	24.9	25.4	26.0	27.1	25.8	59.1
65.6				17.4	19.2	20.9	20.1	20.1	20.5	21.4	22.3	22.3	65.6
72.2				13.7	15.4	17.2	16.5	16.3	16.8	17.6	18.5	18.5	72.2
78.7				10.8	12.6	14.3	13.5	13.5	13.9	14.6	15.4	15.7	78.7
85.3					10.1	11.9	11.0	11.0	11.5	12.1	13.0	13.2	85.3
91.9					8.2	9.9	9.0	9.0	9.5	10.1	11.0	11.0	91.9
98.4						8.2	7.3	7.3	7.7	8.4	9.3	9.5	98.4
105.0						6.6	5.7	5.7	6.2	6.8	7.7	7.9	105.0
111.6							4.6	4.6	5.1	5.7	6.4	6.6	111.6
118.1							3.5	3.3	3.7	4.6	5.3	5.5	118.1
124.7								2.4	2.9	3.5	4.4	4.4	124.7
131.2										2.6	3.5	3.5	131.2
137.8											2.6	2.9	137.8

** Capacity class; * with the additional sheave of boom.

**COUNTERWEIGHT IN THE REAR POSITION
(1,000 lb)**

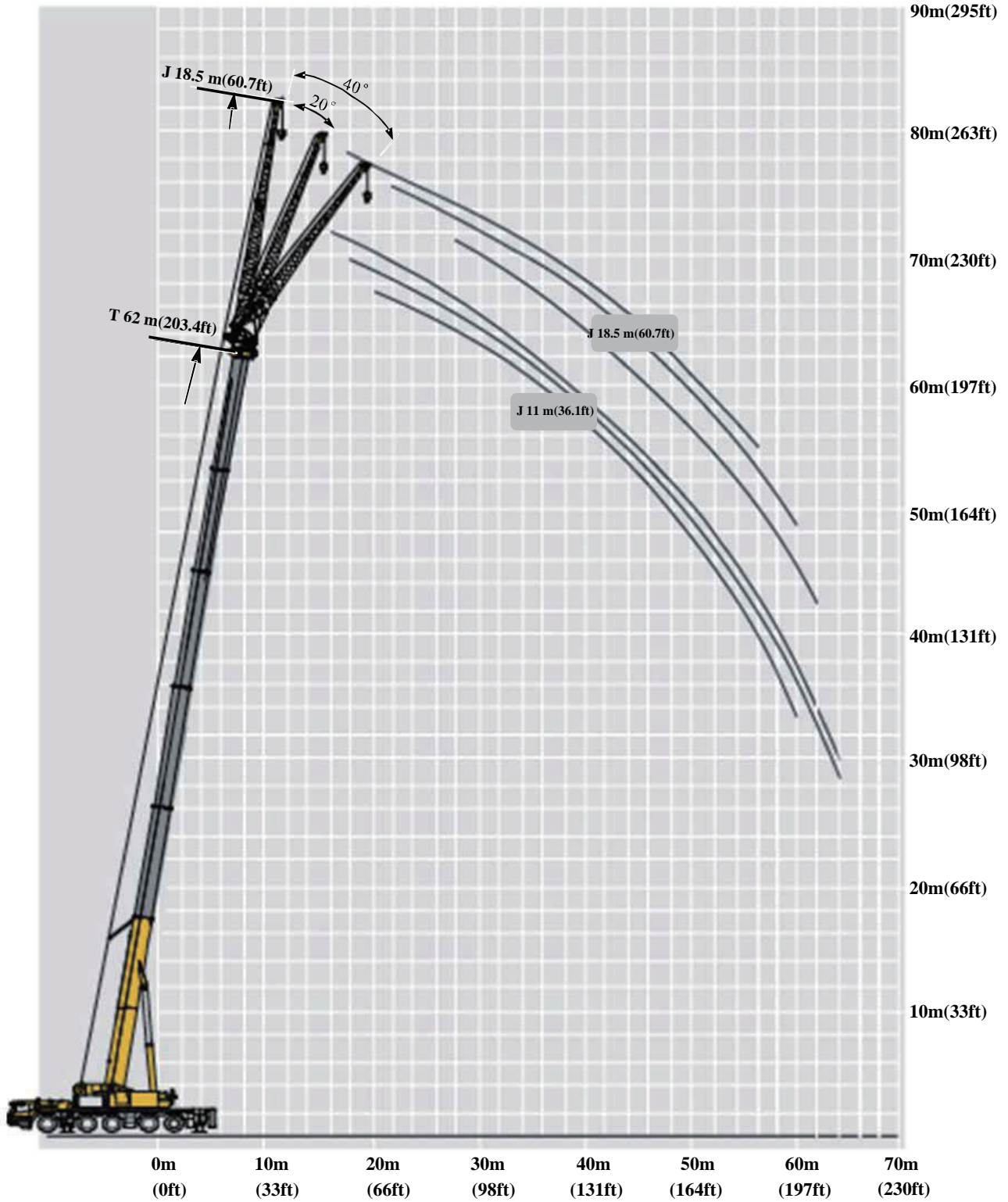


	43.0	57.7	72.5	87.3	102.0	116.8	131.6	146.3	161.1	175.9	190.6	203.4	
9.8	300.0**	183.0	183.0										9.8
11.5	222.7*	183.0	183.0										11.5
13.1	205.0*	183.0	183.0	147.7									13.1
14.8	189.6*	183.0	180.8	147.7									14.8
16.4	178.6	174.2	169.8	147.7	127.9								16.4
19.7	147.1	148.6	148.8	145.5	127.9	110.3							19.7
23.0	123.7	125.2	125.7	124.8	126.6	110.3	92.6						23.0
26.2	106.3	107.8	108.3	107.4	108.9	107.6	92.6	72.1					26.2
29.5	87.3	89.5	90.2	88.9	91.3	93.7	92.6	72.1	55.3				29.5
32.8	71.0	73.4	74.1	72.8	75.2	77.6	76.5	70.3	55.3	41.2			32.8
39.4		51.6	52.3	51.2	53.4	55.6	54.5	54.5	54.9	39.2	32.4	26.0	39.4
45.9		38.4	39.0	37.9	40.1	42.1	41.0	41.0	41.7	37.0	32.2	26.0	45.9
52.5			30.2	29.1	31.1	33.1	32.2	32.2	32.6	33.5	32.0	26.0	52.5
59.1			23.8	22.9	24.7	26.7	25.8	25.6	26.2	26.9	28.0	26.0	59.1
65.6				18.1	19.8	21.8	20.9	20.9	21.4	22.1	22.9	23.2	65.6
72.2				14.3	16.1	17.9	17.2	17.0	17.6	18.3	19.2	19.4	72.2
78.7				11.2	13.2	15.0	14.1	14.1	14.6	15.2	16.1	16.3	78.7
85.3					10.6	12.3	11.7	11.5	12.1	12.8	13.7	13.7	85.3
91.9					8.6	10.4	9.5	9.5	9.9	10.6	11.5	11.7	91.9
98.4						8.6	7.7	7.7	8.2	8.8	9.7	9.9	98.4
105.0						7.1	6.2	6.2	6.6	7.3	8.2	8.4	105.0
111.6							4.9	4.9	5.3	6.2	6.8	7.1	111.6
118.1								3.7	3.7	4.2	4.9	5.7	118.1
124.7									2.9	3.3	4.0	4.6	124.7
131.2										2.2	3.1	3.7	131.2
137.8												3.1	137.8
144.4												2.2	144.4

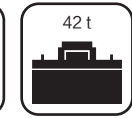
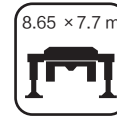
** Capacity class; * with the additional sheave of boom.

WORKING RANGE DIAGRAM

JIB



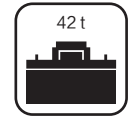
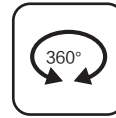
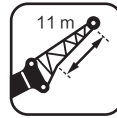
COUNTERWEIGHT IN THE FRONT POSITION
UNITS: METRIC TONS



	13.1			40.1			53.6			58.1			62			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
5	16.8															5
6	16.8	11.6														6
7	16.5	10.1														7
8	15.2	9														8
9	14	8.6	5.9	13												9
10	12.7	8.1	5.6	12.5												10
12	11.5	7.1	5.1	12	10		10.4									12
14	9.8	6.6	4.9	11	9.1		10.4			8.4						14
16	9	6.1	4.7	10.5	8.7	5.6	10.3	9.5		8.4			7.4			16
18	6.8	5.6	4.6	10	8.2	5.4	10.1	8.7	5.5	8.4	8.4		7.4	7.6		18
20		4.7	4.5	9.5	7.7	5.2	9.9	8.5	5.3	8.4	8.3	5.1	7.4	7.6	5.1	20
22				9.2	7.4	5	9.6	8	5.1	8.4	7.9	5	7.4	7.6	5	22
24				8.9	7	4.9	9.2	7.5	5	8.3	7.6	4.9	7.4	7.3	4.9	24
26				8.6	6.8	4.8	8.4	7.4	4.9	7.6	7.3	4.8	6.8	6.6	4.8	26
28				8.3	6.4	4.7	7.7	6.9	4.8	6.9	6.6	4.7	6.2	6	4.7	28
30				8.1	6.2	4.5	7	6.8	4.7	6.2	6.1	4.6	5.6	5.6	4.5	30
32				8	6	4.4	6.3	6.2	4.5	5.7	5.5	4.4	5.1	4.9	4.4	32
34				7.2	5.7	4.3	5.8	5.8	4.4	5.2	5.1	4.3	4.7	4.5	4.3	34
36				6.4	5.6	4.2	5.4	5.3	4.3	4.8	4.7	4.2	4.2	4.1	4.1	36
38				5.7	5.3	4.1	4.8	4.9	4.2	4.3	4.3	4.1	3.8	3.7	3.7	38
40				5.1	5.2	4.1	4.4	4.5	4	3.9	3.9	3.9	3.4	3.5	3.5	40
42				4.6	4.7	3.9	4	4	4	3.6	3.6	3.6	3.2	3.2	3.2	42
44					4.2		3.8	3.7	3.7	3.3	3.3	3.4	2.9	2.9	3	44
46							3.4	3.5	3.4	3.1	3.1	3.1	2.6	2.7	2.6	46
48							3.1	3.2	3.1	2.8	2.9	2.8	2.4	2.4	2.4	48
50							2.8	2.9	3	2.4	2.5	2.6	2.1	2.2	2.3	50
52							2.4	2.6	2.6	2.2	2.4	2.3	1.9	2	1.9	52
54							2.1	2.2		2.1	2.2	2.2	1.8	1.8	1.8	54
56							1.8	1.9		2	2	2	1.6	1.5	1.6	56
58										1.8	1.8		1.5	1.3	1.4	58
60										1.5	1.6		1.2	1.2	1.2	60
62													1.1	1.1		62
64													0.9	1		64

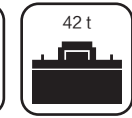
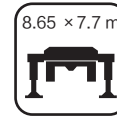
LOAD CHARTS

COUNTERWEIGHT IN THE REAR POSITION UNITS: METRIC TONS



	13.1			40.1			53.6			58.1			62			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
5	16.8															5
6	16.8	11.6														6
7	16.5	10.1														7
8	15.2	9														8
9	14	8.6	5.9	13												9
10	12.7	8.1	5.6	12.5												10
12	11.5	7.1	5.1	12	10		10.4									12
14	9.8	6.6	4.9	11	9.1		10.4			8.4						14
16	9	6.1	4.7	10.5	8.7	5.6	10.3	9.5		8.4			7.4			16
18	6.8	5.6	4.6	10	8.2	5.4	10.1	8.7	5.5	8.4	8.4		7.4	7.6		18
20		4.7	4.5	9.5	7.7	5.2	9.9	8.5	5.3	8.4	8.3	5.1	7.4	7.6	5.1	20
22				9.2	7.4	5	9.6	8	5.1	8.4	7.9	5	7.4	7.6	5	22
24				8.9	7	4.9	9.2	7.5	5	8.3	7.6	4.9	7.4	7.3	4.9	24
26				8.6	6.8	4.8	8.4	7.4	4.9	7.6	7.3	4.8	6.8	6.6	4.8	26
28				8.3	6.4	4.7	7.7	6.9	4.8	6.9	6.6	4.7	6.2	6	4.7	28
30				8.1	6.2	4.5	7	6.8	4.7	6.2	6.1	4.6	5.6	5.6	4.5	30
32				8	6	4.4	6.3	6.2	4.5	5.7	5.5	4.4	5.1	4.9	4.4	32
34				7.2	5.7	4.3	5.8	5.8	4.4	5.2	5.1	4.3	4.7	4.5	4.3	34
36				6.4	5.6	4.2	5.4	5.3	4.3	4.8	4.7	4.2	4.2	4.1	4.1	36
38				5.7	5.3	4.1	4.8	4.9	4.2	4.3	4.3	4.1	3.8	3.7	3.7	38
40				5.1	5.2	4.1	4.4	4.5	4	3.9	3.9	3.9	3.4	3.5	3.5	40
42				4.6	4.7	3.9	4	4	4	3.6	3.6	3.6	3.2	3.2	3.2	42
44					4.2		3.8	3.7	3.7	3.3	3.3	3.4	2.9	2.9	3	44
46							3.4	3.5	3.4	3.1	3.1	3.1	2.6	2.7	2.6	46
48							3.2	3.2	3.1	2.8	2.9	2.8	2.4	2.4	2.4	48
50							2.8	2.9	3	2.4	2.5	2.6	2.1	2.2	2.3	50
52							2.4	2.6	2.6	2.2	2.4	2.3	1.9	2	1.9	52
54							2.1	2.3		2.1	2.2	2.2	1.8	1.8	1.8	54
56							1.8	1.9		2	2	2	1.6	1.5	1.6	56
58										1.8	1.8		1.5	1.3	1.4	58
60										1.5	1.6		1.2	1.2	1.2	60
62													1.1	1.1		62
64													0.9	1		64

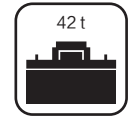
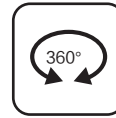
COUNTERWEIGHT IN THE FRONT POSITION
UNITS: METRIC TONS



	13.1			40.1			53.6			58.1			62			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
5	7.8															5
6	7.5															6
7	7.4															7
8	7.2															8
9	7.1															9
10	6.9	6														10
12	5.9	5.4		5.6												12
14	5.1	4.7		5.5			4.9									14
16	4.6	4.2	2.5	5.4	4.2		4.8			4.5						16
18	4.1	4.1	2.4	5.3	4.1		4.8			4.4			4			18
20	3.7	3.8	2.3	5.2	3.8		4.7	4.1		4.4			4			20
22	3.4	3.6	2.1	5.1	3.6	2.4	4.7	3.9		4.4	3.9		4	3.7		22
24		3.4	2	5.1	3.4	2.3	4.6	3.7	2.4	4.3	3.8		3.9	3.5		24
26			1.9	5.1	3.2	2.2	4.5	3.6	2.3	4.3	3.6	2.3	3.8	3.4		26
28				5	3.1	2.1	4.5	3.3	2.2	4.3	3.4	2.2	3.7	3.3	2.2	28
30				4.7	3	2	4.4	3.2	2.1	4.2	3.3	2.1	3.6	3.2	2.1	30
32				4.5	2.9	2	4.4	3.1	2.1	4.2	3.2	2.1	3.5	3.1	2.1	32
34				4.2	2.7	1.9	4.3	3	2	4.1	3	2.1	3.4	3	2	34
36				4	2.6	1.9	4.3	2.9	2	4.1	2.9	2	3.3	2.8	2	36
38					2.5	1.9	4.2	2.7	2	4	2.8	2	3.2	2.7	2	38
40					2.3	1.9	4.1	2.6	1.9	4	2.7	2	3.2	2.6	2	40
42					2.2	1.8	4.1	2.5	1.9	3.8	2.5	1.9	3.1	2.5	1.9	42
44					2.1	1.8	3.9	2.4	1.9	3.8	2.4	1.9	3	2.5	1.9	44
46						1.8	3.7	2.4	1.9	3.6	2.4	1.9	2.9	2.4	1.9	46
48							3.5	2.2	1.8	3.3	2.4	1.9	2.8	2.4	1.9	48
50							3.1	2.2	1.9	3	2.3	1.9	2.6	2.4	1.9	50
52								2.1	1.9	2.7	2.2	1.8	2.3	2.2	1.8	52
54								2.1	1.8	2.5	2.2	2	2.2	2.2	1.9	54
56									1.9	2.3	2.1	1.8	2	2	1.9	56
58										2.1	2	1.8		1.9	1.8	58
60										1.8	2			1.7	1.8	60
62										1.6	1.8				1.5	62
64										1.3	1.5					64
66											1.3					66
68											1.1					68

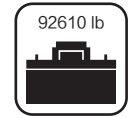
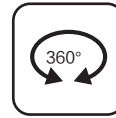
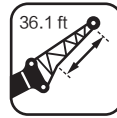
LOAD CHARTS

**COUNTERWEIGHT IN THE REAR
POSITION UNITS: METRIC TONS**



	13.1			40.1			53.6			58.1			62			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
5	7.8															5
6	7.5															6
7	7.4															7
8	7.2															8
9	7.1															9
10	6.9	6														10
12	5.9	5.4		5.6												12
14	5.1	4.7		5.5			4.9									14
16	4.6	4.2	2.5	5.4	4.2		4.8			4.5						16
18	4.1	4.1	2.4	5.3	4.1		4.8			4.4			4			18
20	3.7	3.8	2.3	5.2	3.8		4.7	4.1		4.4			4			20
22	3.4	3.6	2.1	5.1	3.6	2.4	4.7	3.9		4.4	3.9		4	3.7		22
24		3.4	2	5.1	3.4	2.3	4.6	3.7	2.4	4.3	3.8		3.9	3.5		24
26			1.9	5.1	3.2	2.2	4.5	3.6	2.3	4.3	3.6	2.3	3.8	3.4		26
28				5	3.1	2.1	4.5	3.3	2.2	4.3	3.4	2.2	3.7	3.3	2.2	28
30				4.7	3	2	4.4	3.2	2.1	4.2	3.3	2.1	3.6	3.2	2.1	30
32				4.5	2.9	2	4.4	3.1	2.1	4.2	3.2	2.1	3.5	3.1	2.1	32
34				4.2	2.7	1.9	4.3	3	2	4.1	3	2.1	3.4	3	2	34
36				4	2.6	1.9	4.3	2.9	2	4.1	2.9	2	3.3	2.8	2	36
38					2.5	1.9	4.2	2.7	2	4	2.8	2	3.2	2.7	2	38
40					2.3	1.9	4.1	2.6	1.9	4	2.7	2	3.2	2.6	2	40
42					2.2	1.8	4.1	2.5	1.9	3.8	2.5	1.9	3.1	2.5	1.9	42
44					2.1	1.8	3.9	2.4	1.9	3.8	2.4	1.9	3	2.5	1.9	44
46						1.8	3.7	2.4	1.9	3.6	2.4	1.9	2.9	2.4	1.9	46
48							3.5	2.2	1.8	3.3	2.4	1.9	2.8	2.4	1.9	48
50							3.2	2.2	1.9	3	2.3	1.9	2.6	2.4	1.9	50
52								2.1	1.9	2.7	2.2	1.8	2.3	2.2	1.8	52
54								2.1	1.8	2.5	2.2	2	2.2	2.2	1.9	54
56									1.9	2.3	2.1	1.8	2	2	1.9	56
58										2.1	2	1.8		1.9	1.8	58
60										1.8	2			1.7	1.8	60
62										1.6	1.8				1.5	62
64										1.4	1.5					64
66											1.3					66
68											1.1					68

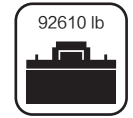
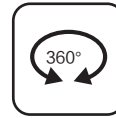
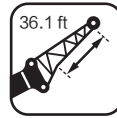
COUNTERWEIGHT IN THE FRONT POSITION
(1,000 lb)



	43			131.6			175.9			190.6			203.4			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
16.4	37.0															16.4
19.7	37.0	25.6														19.7
23.0	36.4	22.3														23.0
26.2	33.5	19.8														26.2
29.5	30.9	19.0	13.0	28.7												29.5
32.8	28.0	17.9	12.3	27.6												32.8
39.4	25.4	15.7	11.2	26.5	22.1		22.9									39.4
45.9	21.6	14.6	10.8	24.3	20.1		22.9			18.5						45.9
52.5	19.8	13.5	10.4	23.2	19.2	12.3	22.7	20.9		18.5			16.3			52.5
59.1	15.0	12.3	10.1	22.1	18.1	11.9	22.3	19.2	12.1	18.5	18.5		16.3	16.8		59.1
65.6		10.4	9.9	20.9	17.0	11.5	21.8	18.7	11.7	18.5	18.3	11.2	16.3	16.8	11.2	65.6
72.2				20.3	16.3	11.0	21.2	17.6	11.2	18.5	17.4	11.0	16.3	16.8	11.0	72.2
78.7				19.6	15.4	10.8	20.3	16.5	11.0	18.3	16.8	10.8	16.3	16.1	10.8	78.7
85.3				19.0	15.0	10.6	18.5	16.3	10.8	16.8	16.1	10.6	15.0	14.6	10.6	85.3
91.9				18.3	14.1	10.4	17.0	15.2	10.6	15.2	14.6	10.4	13.7	13.2	10.4	91.9
98.4				17.9	13.7	9.9	15.4	15.0	10.4	13.7	13.5	10.1	12.3	12.3	9.9	98.4
105.0				17.6	13.2	9.7	13.9	13.7	9.9	12.6	12.1	9.7	11.2	10.8	9.7	105.0
111.6				15.9	12.6	9.5	12.8	12.8	9.7	11.5	11.2	9.5	10.4	9.9	9.5	111.6
118.1				14.1	12.3	9.3	11.9	11.7	9.5	10.6	10.4	9.3	9.3	9.0	9.0	118.1
124.7				12.6	11.7	9.0	10.6	10.8	9.3	9.5	9.5	9.0	8.4	8.2	8.2	124.7
131.2				11.2	11.5	9.0	9.7	9.9	8.8	8.6	8.6	8.6	7.5	7.7	7.7	131.2
137.8				10.1	10.4	8.6	8.8	8.8	8.8	7.9	7.9	7.9	7.1	7.1	7.1	137.8
144.4					9.3		8.4	8.2	8.2	7.3	7.3	7.5	6.4	6.4	6.6	144.4
150.9							7.5	7.7	7.5	6.8	6.8	6.8	5.7	6.0	5.7	150.9
157.5							6.8	7.1	6.8	6.2	6.4	6.2	5.3	5.3	5.3	157.5
164.1							6.2	6.4	6.6	5.3	5.5	5.7	4.6	4.9	5.1	164.1
170.6							5.3	5.7	5.7	4.9	5.3	5.1	4.2	4.4	4.2	170.6
177.2							4.6	4.9		4.6	4.9	4.9	4.0	4.0	4.0	177.2
183.7							4.0	4.2		4.4	4.4	4.4	3.5	3.3	3.5	183.7
190.3										4.0	4.0		3.3	2.9	3.1	190.3
196.9										3.3	3.5		2.6	2.6	2.6	196.9
203.4													2.4	2.4		203.4
210.0													2.0	2.2		210.0

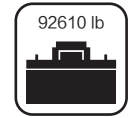
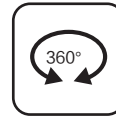
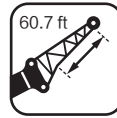
LOAD CHARTS

COUNTERWEIGHT IN THE REAR POSITION (1,000 lb)



	43			131.6			175.9			190.6			203.4			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
16.4	37.0															16.4
19.7	37.0	25.6														19.7
23.0	36.4	22.3														23.0
26.2	33.5	19.8														26.2
29.5	30.9	19.0	13.0	28.7												29.5
32.8	28.0	17.9	12.3	27.6												32.8
39.4	25.4	15.7	11.2	26.5	22.1		22.9									39.4
45.9	21.6	14.6	10.8	24.3	20.1		22.9			18.5						45.9
52.5	19.8	13.5	10.4	23.2	19.2	12.3	22.7	20.9		18.5			16.3			52.5
59.1	15.0	12.3	10.1	22.1	18.1	11.9	22.3	19.2	12.1	18.5	18.5		16.3	16.8		59.1
65.6		10.4	9.9	20.9	17.0	11.5	21.8	18.7	11.7	18.5	18.3	11.2	16.3	16.8	11.2	65.6
72.2				20.3	16.3	11.0	21.2	17.6	11.2	18.5	17.4	11.0	16.3	16.8	11.0	72.2
78.7				19.6	15.4	10.8	20.3	16.5	11.0	18.3	16.8	10.8	16.3	16.1	10.8	78.7
85.3				19.0	15.0	10.6	18.5	16.3	10.8	16.8	16.1	10.6	15.0	14.6	10.6	85.3
91.9				18.3	14.1	10.4	17.0	15.2	10.6	15.2	14.6	10.4	13.7	13.2	10.4	91.9
98.4				17.9	13.7	9.9	15.4	15.0	10.4	13.7	13.5	10.1	12.3	12.3	9.9	98.4
105.0				17.6	13.2	9.7	13.9	13.7	9.9	12.6	12.1	9.7	11.2	10.8	9.7	105.0
111.6				15.9	12.6	9.5	12.8	12.8	9.7	11.5	11.2	9.5	10.4	9.9	9.5	111.6
118.1				14.1	12.3	9.3	11.9	11.7	9.5	10.6	10.4	9.3	9.3	9.0	9.0	118.1
124.7				12.6	11.7	9.0	10.6	10.8	9.3	9.5	9.5	9.0	8.4	8.2	8.2	124.7
131.2				11.2	11.5	9.0	9.7	9.9	8.8	8.6	8.6	8.6	7.5	7.7	7.7	131.2
137.8				10.1	10.4	8.6	8.8	8.8	8.8	7.9	7.9	7.9	7.1	7.1	7.1	137.8
144.4					9.3		8.4	8.2	8.2	7.3	7.3	7.5	6.4	6.4	6.6	144.4
150.9							7.5	7.7	7.5	6.8	6.8	6.8	5.7	6.0	5.7	150.9
157.5							7.1	7.1	6.8	6.2	6.4	6.2	5.3	5.3	5.3	157.5
164.1							6.2	6.4	6.6	5.3	5.5	5.7	4.6	4.9	5.1	164.1
170.6							5.3	5.7	5.7	4.9	5.3	5.1	4.2	4.4	4.2	170.6
177.2							4.6	5.1		4.6	4.9	4.9	4.0	4.0	4.0	177.2
183.7							4.0	4.2		4.4	4.4	4.4	3.5	3.3	3.5	183.7
190.3										4.0	4.0		3.3	2.9	3.1	190.3
196.9										3.3	3.5		2.6	2.6	2.6	196.9
203.4													2.4	2.4		203.4
210.0													2.0	2.2		210.0

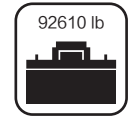
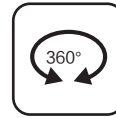
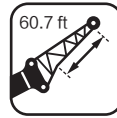
COUNTERWEIGHT IN THE FRONT POSITION
(1,000 lb)



	43			131.6			175.9			190.6			203.4			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
16.4	17.2															16.4
19.7	16.5															19.7
23.0	16.3															23.0
26.2	15.9															26.2
29.5	15.7															29.5
32.8	15.2	13.2														32.8
39.4	13.0	11.9		12.3												39.4
45.9	11.2	10.4		12.1			10.8									45.9
52.5	10.1	9.3	5.5	11.9	9.3		10.6			9.9						52.5
59.1	9.0	9.0	5.3	11.7	9.0		10.6			9.7			8.8			59.1
65.6	8.2	8.4	5.1	11.5	8.4		10.4	9.0		9.7			8.8			65.6
72.2	7.5	7.9	4.6	11.2	7.9	5.3	10.4	8.6		9.7	8.6		8.8	8.2		72.2
78.7		7.5	4.4	11.2	7.5	5.1	10.1	8.2	5.3	9.5	8.4		8.6	7.7		78.7
85.3			4.2	11.2	7.1	4.9	9.9	7.9	5.1	9.5	7.9	5.1	8.4	7.5		85.3
91.9				11.0	6.8	4.6	9.9	7.3	4.9	9.5	7.5	4.9	8.2	7.3	4.9	91.9
98.4				10.4	6.6	4.4	9.7	7.1	4.6	9.3	7.3	4.6	7.9	7.1	4.6	98.4
105.0				9.9	6.4	4.4	9.7	6.8	4.6	9.3	7.1	4.6	7.7	6.8	4.6	105.0
111.6				9.3	6.0	4.2	9.5	6.6	4.4	9.0	6.6	4.6	7.5	6.6	4.4	111.6
118.1				8.8	5.7	4.2	9.5	6.4	4.4	9.0	6.4	4.4	7.3	6.2	4.4	118.1
124.7					5.5	4.2	9.3	6.0	4.4	8.8	6.2	4.4	7.1	6.0	4.4	124.7
131.2					5.1	4.2	9.0	5.7	4.2	8.8	6.0	4.4	7.1	5.7	4.4	131.2
137.8					4.9	4.0	9.0	5.5	4.2	8.4	5.5	4.2	6.8	5.5	4.2	137.8
144.4					4.6	4.0	8.6	5.3	4.2	8.4	5.3	4.2	6.6	5.5	4.2	144.4
150.9						4.0	8.2	5.3	4.2	7.9	5.3	4.2	6.4	5.3	4.2	150.9
157.5							7.7	4.9	4.0	7.3	5.3	4.2	6.2	5.3	4.2	157.5
164.1							6.8	4.9	4.2	6.6	5.1	4.2	5.7	5.3	4.2	164.1
170.6								4.6	4.2	6.0	4.9	4.0	5.1	4.9	4.0	170.6
177.2								4.6	4.0	5.5	4.9	4.4	4.9	4.9	4.2	177.2
183.7									4.2	5.1	4.6	4.0	4.4	4.4	4.2	183.7
190.3										4.6	4.4	4.0		4.2	4.0	190.3
196.9										4.0	4.4			3.7	4.0	196.9
203.4										3.5	4.0				3.3	203.4
210.0										2.9	3.3					210.0
216.5											2.9					216.5
223.1											2.4					223.1

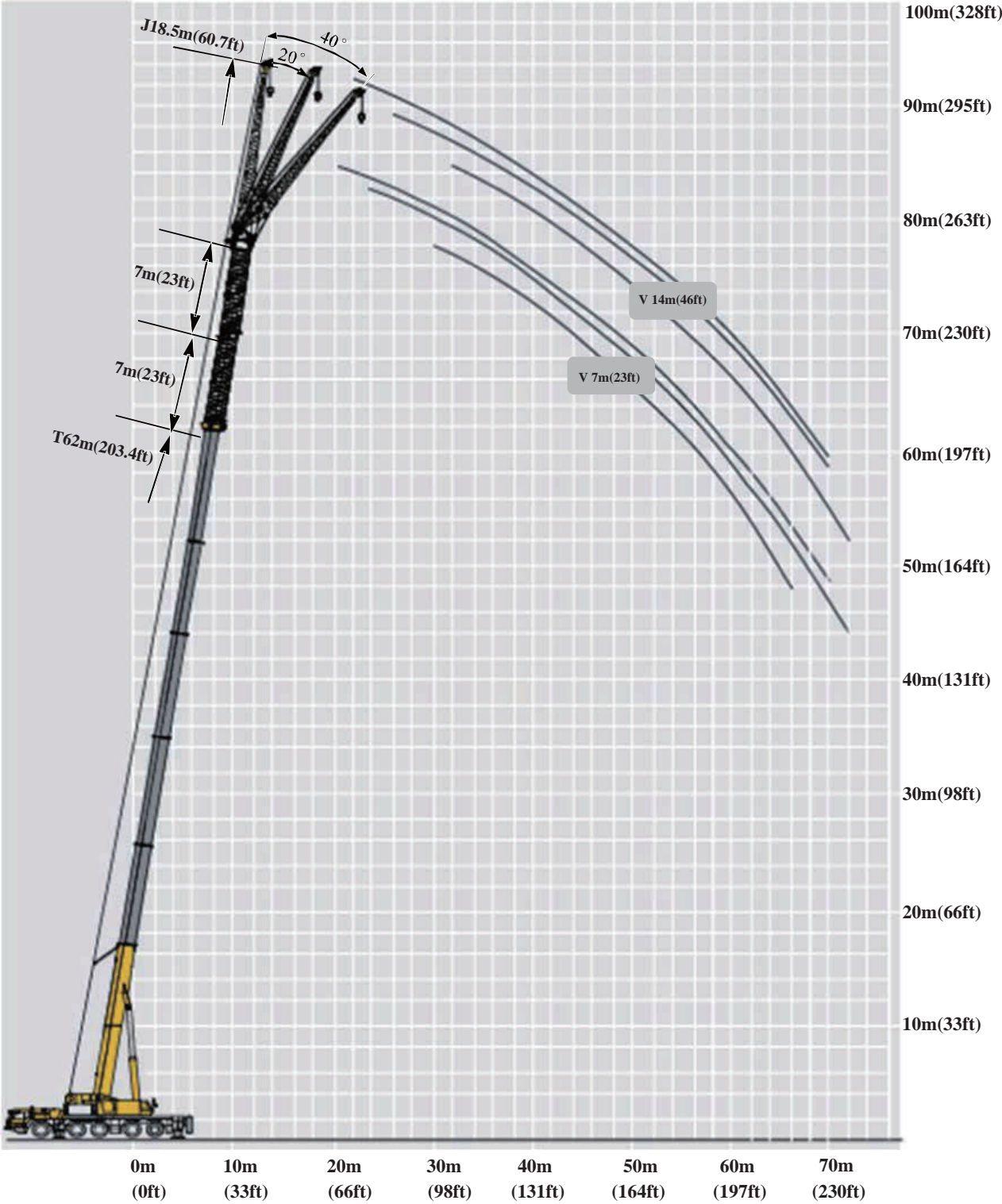
LOAD CHARTS

COUNTERWEIGHT IN THE REAR POSITION (1,000 lb)



	43			131.6			175.9			190.6			203.4			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
16.4	17.2															16.4
19.7	16.5															19.7
23.0	16.3															23.0
26.2	15.9															26.2
29.5	15.7															29.5
32.8	15.2	13.2														32.8
39.4	13.0	11.9		12.3												39.4
45.9	11.2	10.4		12.1			10.8									45.9
52.5	10.1	9.3	5.5	11.9	9.3		10.6			9.9						52.5
59.1	9.0	9.0	5.3	11.7	9.0		10.6			9.7			8.8			59.1
65.6	8.2	8.4	5.1	11.5	8.4		10.4	9.0		9.7			8.8			65.6
72.2	7.5	7.9	4.6	11.2	7.9	5.3	10.4	8.6		9.7	8.6		8.8	8.2		72.2
78.7		7.5	4.4	11.2	7.5	5.1	10.1	8.2	5.3	9.5	8.4		8.6	7.7		78.7
85.3			4.2	11.2	7.1	4.9	9.9	7.9	5.1	9.5	7.9	5.1	8.4	7.5		85.3
91.9				11.0	6.8	4.6	9.9	7.3	4.9	9.5	7.5	4.9	8.2	7.3	4.9	91.9
98.4				10.4	6.6	4.4	9.7	7.1	4.6	9.3	7.3	4.6	7.9	7.1	4.6	98.4
105.0				9.9	6.4	4.4	9.7	6.8	4.6	9.3	7.1	4.6	7.7	6.8	4.6	105.0
111.6				9.3	6.0	4.2	9.5	6.6	4.4	9.0	6.6	4.6	7.5	6.6	4.4	111.6
118.1				8.8	5.7	4.2	9.5	6.4	4.4	9.0	6.4	4.4	7.3	6.2	4.4	118.1
124.7					5.5	4.2	9.3	6.0	4.4	8.8	6.2	4.4	7.1	6.0	4.4	124.7
131.2					5.1	4.2	9.0	5.7	4.2	8.8	6.0	4.4	7.1	5.7	4.4	131.2
137.8					4.9	4.0	9.0	5.5	4.2	8.4	5.5	4.2	6.8	5.5	4.2	137.8
144.4					4.6	4.0	8.6	5.3	4.2	8.4	5.3	4.2	6.6	5.5	4.2	144.4
150.9						4.0	8.2	5.3	4.2	7.9	5.3	4.2	6.4	5.3	4.2	150.9
157.5							7.7	4.9	4.0	7.3	5.3	4.2	6.2	5.3	4.2	157.5
164.1							7.1	4.9	4.2	6.6	5.1	4.2	5.7	5.3	4.2	164.1
170.6								4.6	4.2	6.0	4.9	4.0	5.1	4.9	4.0	170.6
177.2								4.6	4.0	5.5	4.9	4.4	4.9	4.9	4.2	177.2
183.7									4.2	5.1	4.6	4.0	4.4	4.4	4.2	183.7
190.3										4.6	4.4	4.0		4.2	4.0	190.3
196.9										4.0	4.4			3.7	4.0	196.9
203.4										3.5	4.0				3.3	203.4
210.0										3.1	3.3					210.0
216.5											2.9					216.5
223.1											2.4					223.1

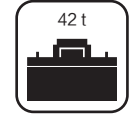
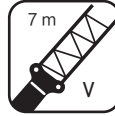
BOOM EXTENSION



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COUNTERWEIGHT IN THE FRONT POSITION

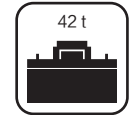
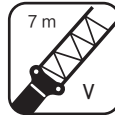
UNITS: METRIC TONS



	58.1+7			62+7			
	18.5						
	0°	20°	40°	0°	20°	40°	
18	4						18
20	4			3.5			20
22	4			3.4			22
24	3.9	4.1		3.4	3.2		24
26	3.9	3.9		3.4	3.2		26
28	3.9	3.6	2.5	3.3	3.2		28
30	3.8	3.4	2.4	3.3	3.2	2.6	30
32	3.8	3.3	2.3	3.3	3.2	2.5	32
34	3.7	3.1	2.2	3.2	3.2	2.4	34
36	3.7	3	2.1	3.2	3.1	2.2	36
38	3.6	2.9	2.1	3.1	3	2.1	38
40	3.6	2.8	2.1	3.1	3	2	40
42	3.5	2.7	2	3	2.9	2	42
44	3.5	2.6	2	2.8	2.6	2	44
46	3	2.5	2	2.5	2.6	2	46
48	3	2.5	2	2.5	2.6	2	48
50	2.5	2.4	1.9	2	2.1	2	50
52	2.3	2.4	1.9	2	2.1	1.9	52
54	1.6	2.2	1.9	1.8	1.9	1.9	54
56	1.5	2.1	1.9	1.6	1.8	1.9	56
58	1.5	1.8	1.9	1.6	1.6	1.4	58
60	1.2	1.6	1.2	1.5	0.8	1.4	60
62	1.5	1.4	1.2	1.1	0.8	1.3	62
64	1	1.4	1.2	0.5	0.5	0.8	64
66		1.2	1.2	0.5	0.5	0.5	66
68			0.8		0.5		68

COUNTERWEIGHT IN THE REAR POSITION

UNITS: METRIC TONS

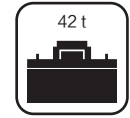
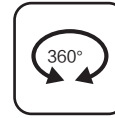
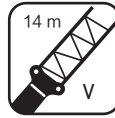


	58.1+7			62+7			
	18.5						
	0°	20°	40°	0°	20°	40°	
18	4						18
20	4			3.5			20
22	4			3.4			22
24	3.9			3.4	3.2		24
26	3.9	3.9		3.4	3.2		26
28	3.9	3.6	2.5	3.3	3.2		28
30	3.8	3.4	2.4	3.3	3.2	2.6	30
32	3.8	3.3	2.3	3.3	3.2	2.5	32
34	3.7	3.1	2.2	3.2	3.2	2.4	34
36	3.7	3	2.1	3.2	3.1	2.2	36
38	3.6	2.9	2.1	3.1	3	2.1	38
40	3.6	2.8	2.1	3.1	3	2	40
42	3.5	2.7	2	3	2.9	2	42
44	3.5	2.6	2	2.8	2.6	2	44
46	3	2.5	2	2.5	2.6	2	46
48	3	2.5	2	2.5	2.6	2	48
50	2.5	2.4	1.9	2	2.1	2	50
52	2.3	2.4	1.9	2	2.1	1.9	52
54	1.6	2.2	1.9	1.8	1.9	1.9	54
56	1.5	2.1	1.9	1.6	1.8	1.9	56
58	1.5	1.8	1.9	1.6	1.6	1.4	58
60	1.2	1.6	1.2	1.5	0.8	1.4	60
62	1.5	1.4	1.2	1.1	0.8	1.3	62
64	1	1.4	1.2	0.5	0.5	0.8	64
66		1.2	1.2	0.5	0.5	0.5	66
68			0.8	0.5	0.5		68
70					0.5		70

LOAD CHARTS

COUNTERWEIGHT IN THE FRONT POSITION

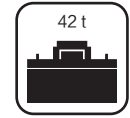
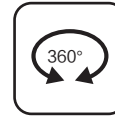
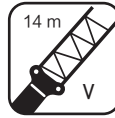
UNITS: METRIC TONS



	58.1+14			62+14			
	18.5						
	0°	20°	40°	0°	20°	40°	
20	3.5						20
22	3.5			3			22
24	3.5			3			24
26	3.4	3.4		3	2.9		26
28	3.4	3.3		3	2.8		28
30	3.4	3.3	2.4	3	2.8		30
32	3.3	3.3	2.3	2.9	2.8	2.6	32
34	3.3	3.3	2.2	2.9	2.7	2.5	34
36	3.2	3.2	2.2	2.9	2.7	2.4	36
38	3.2	3	2.1	2.9	2.7	2.2	38
40	3.1	2.9	2.1	2.9	2.7	2.1	40
42	3	2.9	2.1	2.6	2.7	2.1	42
44	2.6	2.8	2	2.3	2.6	2	44
46	2.5	2.6	2	2.3	2.1	2	46
48	2.4	2.3	2	1.8	2.1	2	48
50	2.1	2.1	2	1.8	1.9	2	50
52	1.9	2.1	2	1.8	1.7	1.8	52
54	1.7	1.6	2	1	1.4	1.5	54
56	1.6	1.6	1.8	1.8	1.8	1.5	56
58	1.5	1.6	1.5	1.6	1.2	1.5	58
60	1.5	1.4	1.5	1.5	1.2	1.5	60
62	1.2	1.5	1.5	1.2	1.2	0.8	62
64	1.2	1.2	1.2	1.1	0.8	0.8	64
66	1	1.2	1.2		0.8	0.8	66
68		0.8	0.8		0.8	0.5	68
70			0.8				70

COUNTERWEIGHT IN THE REAR POSITION

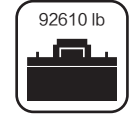
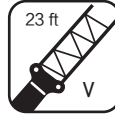
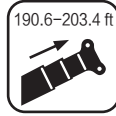
UNITS: METRIC TONS



	58.1+14			62+14			
	18.5						
	0°	20°	40°	0°	20°	40°	
20	3.5						20
22	3.5			3			22
24	3.5			3			24
26	3.4	3.4		3	2.9		26
28	3.4	3.3		3	2.8		28
30	3.4	3.3	2.4	3	2.8		30
32	3.3	3.3	2.3	2.9	2.8	2.6	32
34	3.3	3.3	2.2	2.9	2.7	2.5	34
36	3.2	3.2	2.2	2.9	2.7	2.4	36
38	3.2	3	2.1	2.9	2.7	2.2	38
40	3.1	2.9	2.1	2.9	2.7	2.1	40
42	3	2.9	2.1	2.6	2.7	2.1	42
44	2.6	2.8	2	2.3	2.6	2	44
46	2.5	2.6	2	2.3	2.1	2	46
48	2.4	2.3	2	1.8	2.1	2	48
50	2.1	2.1	2	1.8	1.9	2	50
52	1.9	2.1	2	1.8	1.7	1.8	52
54	1.7	1.6	2	1	1.4	1.5	54
56	1.6	1.6	1.8	1.8	1.8	1.5	56
58	1.5	1.6	1.5	1.6	1.2	1.5	58
60	1.5	1.4	1.5	1.5	1.2	1.5	60
62	1.2	1.5	1.5	1.2	1.2	0.8	62
64	1.2	1.2	1.2	1.1	0.8	0.8	64
66	1	1.2	1.2	0.9	0.8	0.8	66
68	0.8	0.8	0.8	0.7	0.8	0.5	68
70			0.8		0.5	0.5	70

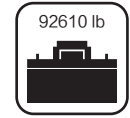
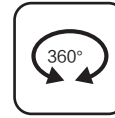
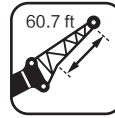
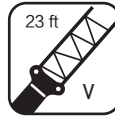
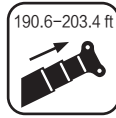
LOAD CHARTS

COUNTERWEIGHT IN THE FRONT POSITION (1,000 lb)



	190.6+23			203.4+23			
	60.7						
	0°	20°	40°	0°	20°	40°	
59.0	8.8						59.0
65.6	8.8			7.7			65.6
72.2	8.8			7.5			72.2
78.7	8.6	9.0		7.5	7.1		78.7
85.3	8.6	8.6		7.5	7.1		85.3
91.8	8.6	7.9	5.5	7.3	7.1		91.8
98.4	8.4	7.5	5.3	7.3	7.1	5.7	98.4
105.0	8.4	7.3	5.1	7.3	7.1	5.5	105.0
111.5	8.2	6.8	4.9	7.1	7.1	5.3	111.5
118.1	8.2	6.6	4.6	7.1	6.8	4.9	118.1
124.6	7.9	6.4	4.6	6.8	6.6	4.6	124.6
131.2	7.9	6.2	4.6	6.8	6.6	4.4	131.2
137.8	7.7	6.0	4.4	6.6	6.4	4.4	137.8
144.3	7.7	5.7	4.4	6.2	5.7	4.4	144.3
150.9	6.6	5.5	4.4	5.5	5.7	4.4	150.9
157.4	6.6	5.5	4.4	5.5	5.7	4.4	157.4
164.0	5.5	5.3	4.2	4.4	4.6	4.4	164.0
170.6	5.1	5.3	4.2	4.4	4.6	4.2	170.6
177.1	3.5	4.9	4.2	4.0	4.2	4.2	177.1
183.7	3.3	4.6	4.2	3.5	4.0	4.2	183.7
190.2	3.3	4.0	4.2	3.5	3.5	3.1	190.2
196.8	2.6	3.5	2.6	3.3	1.8	3.1	196.8
203.4	3.3	3.1	2.6	2.4	1.8	2.9	203.4
209.9	2.2	3.1	2.6	1.1	1.1	1.8	209.9
216.5		2.6	2.6	1.1	1.1	1.1	216.5
223.0			1.8		1.1		223.0

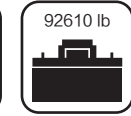
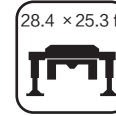
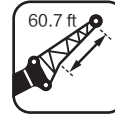
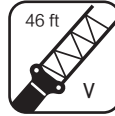
COUNTERWEIGHT IN THE REAR POSITION
(1,000 lb)



	190.6+23			203.4+23			
	60.7						
	0°	20°	40°	0°	20°	40°	
59.0	8.8						59.0
65.6	8.8			7.7			65.6
72.2	8.8			7.5			72.2
78.7	8.6	9.0		7.5	7.1		78.7
85.3	8.6	8.6		7.5	7.1		85.3
91.8	8.6	7.9	5.5	7.3	7.1		91.8
98.4	8.4	7.5	5.3	7.3	7.1	5.7	98.4
105.0	8.4	7.3	5.1	7.3	7.1	5.5	105.0
111.5	8.2	6.8	4.9	7.1	7.1	5.3	111.5
118.1	8.2	6.6	4.6	7.1	6.8	4.9	118.1
124.6	7.9	6.4	4.6	6.8	6.6	4.6	124.6
131.2	7.9	6.2	4.6	6.8	6.6	4.4	131.2
137.8	7.7	6.0	4.4	6.6	6.4	4.4	137.8
144.3	7.7	5.7	4.4	6.2	5.7	4.4	144.3
150.9	6.6	5.5	4.4	5.5	5.7	4.4	150.9
157.4	6.6	5.5	4.4	5.5	5.7	4.4	157.4
164.0	5.5	5.3	4.2	4.4	4.6	4.4	164.0
170.6	5.1	5.3	4.2	4.4	4.6	4.2	170.6
177.1	3.5	4.9	4.2	4.0	4.2	4.2	177.1
183.7	3.3	4.6	4.2	3.5	4.0	4.2	183.7
190.2	3.3	4.0	4.2	3.5	3.5	3.1	190.2
196.8	2.6	3.5	2.6	3.3	1.8	3.1	196.8
203.4	3.3	3.1	2.6	2.4	1.8	2.9	203.4
209.9	2.2	3.1	2.6	1.1	1.1	1.8	209.9
216.5		2.6	2.6	1.1	1.1	1.1	216.5
223.0			1.8	1.1	1.1		223.0
229.7					1.1		229.7

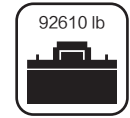
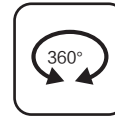
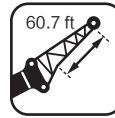
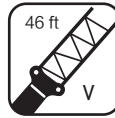
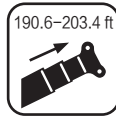
LOAD CHARTS

COUNTERWEIGHT IN THE FRONT POSITION (1,000 lb)



	190.6+46			203.4+46			
	60.7						
	0°	20°	40°	0°	20°	40°	
65.6	7.7						65.6
72.2	7.7			6.6			72.2
78.7	7.7			6.6			78.7
85.3	7.5	7.5		6.6	6.4		85.3
91.9	7.5	7.3		6.6	6.2		91.9
98.4	7.5	7.3	5.3	6.6	6.2		98.4
105.0	7.3	7.3	5.1	6.4	6.2	5.7	105.0
111.6	7.3	7.3	4.9	6.4	6.0	5.5	111.6
118.1	7.1	7.1	4.9	6.4	6.0	5.3	118.1
124.7	7.1	6.6	4.6	6.4	6.0	4.9	124.7
131.2	6.8	6.4	4.6	6.4	6.0	4.6	131.2
137.8	6.6	6.4	4.6	5.7	6.0	4.6	137.8
144.4	5.7	6.2	4.4	5.1	5.7	4.4	144.4
150.9	5.5	5.7	4.4	5.1	4.6	4.4	150.9
157.5	5.3	5.1	4.4	4.0	4.6	4.4	157.5
164.1	4.6	4.6	4.4	4.0	4.2	4.4	164.1
170.6	4.2	4.6	4.4	4.0	3.7	4.0	170.6
177.2	3.7	3.5	4.4	2.2	3.1	3.3	177.2
183.7	3.5	3.5	4.0	4.0	4.0	3.3	183.7
190.3	3.3	3.5	3.3	3.5	2.6	3.3	190.3
196.9	3.3	3.1	3.3	3.3	2.6	3.3	196.9
203.4	2.6	3.3	3.3	2.6	2.6	1.8	203.4
210.0	2.6	2.6	2.6	2.4	1.8	1.8	210.0
216.5	2.2	2.6	2.6		1.8	1.8	216.5
223.1		1.8	1.8		1.8	1.1	223.1
229.7			1.8				229.7

COUNTERWEIGHT IN THE REAR POSITION
(1,000 lb)



	190.6+46			203.4+46			
	60.7						
	0°	20°	40°	0°	20°	40°	
65.6	7.7						65.6
72.2	7.7			6.6			72.2
78.7	7.7			6.6			78.7
85.3	7.5	7.5		6.6	6.4		85.3
91.9	7.5	7.3		6.6	6.2		91.9
98.4	7.5	7.3	5.3	6.6	6.2		98.4
105.0	7.3	7.3	5.1	6.4	6.2	5.7	105.0
111.6	7.3	7.3	4.9	6.4	6.0	5.5	111.6
118.1	7.1	7.1	4.9	6.4	6.0	5.3	118.1
124.7	7.1	6.6	4.6	6.4	6.0	4.9	124.7
131.2	6.8	6.4	4.6	6.4	6.0	4.6	131.2
137.8	6.6	6.4	4.6	5.7	6.0	4.6	137.8
144.4	5.7	6.2	4.4	5.1	5.7	4.4	144.4
150.9	5.5	5.7	4.4	5.1	4.6	4.4	150.9
157.5	5.3	5.1	4.4	4.0	4.6	4.4	157.5
164.1	4.6	4.6	4.4	4.0	4.2	4.4	164.1
170.6	4.2	4.6	4.4	4.0	3.7	4.0	170.6
177.2	3.7	3.5	4.4	2.2	3.1	3.3	177.2
183.7	3.5	3.5	4.0	4.0	4.0	3.3	183.7
190.3	3.3	3.5	3.3	3.5	2.6	3.3	190.3
196.9	3.3	3.1	3.3	3.3	2.6	3.3	196.9
203.4	2.6	3.3	3.3	2.6	2.6	1.8	203.4
210.0	2.6	2.6	2.6	2.4	1.8	1.8	210.0
216.5	2.2	2.6	2.6	2.0	1.8	1.8	216.5
223.1	1.8	1.8	1.8	1.5	1.8	1.1	223.1
229.7			1.8		1.1	1.1	229.7