

GMK7550

product guide

features

- 550 ton (450 mton) capacity
- 197 ft (60 m) 5 section full power boom
- Patented TWIN-LOCK™ boom pinning system
- 82 ft - 240 ft (25 m - 73 m) lattice luffing jib
- 39 ft - 230 ft (12 m - 70 m) fixed lattice jib
- 430 ft (131 m) overall tip height
- Grove MEGAFORM boom
- New control console with EKS5 and ECOS
- Right side mounted cab stows to the rear
- Superstructure cab tilts up to approx 20°
- 264,500 lbs (120 Tonnes) hydraulically installed/removed counterweight
- 255 hp (190 kW) Mercedes OM906LA diesel, water cooled superstructure engine
- 563 hp (420 kW) Mercedes, diesel, water-cooled turbocharged carrier engine
- 53 mph (85 km/h) travel speed
- Boom removal and trailing boom kits (less dolly)
- Self removable rear outrigger box
- Optional 8th axle
- MEGATRAK™ independent suspension system



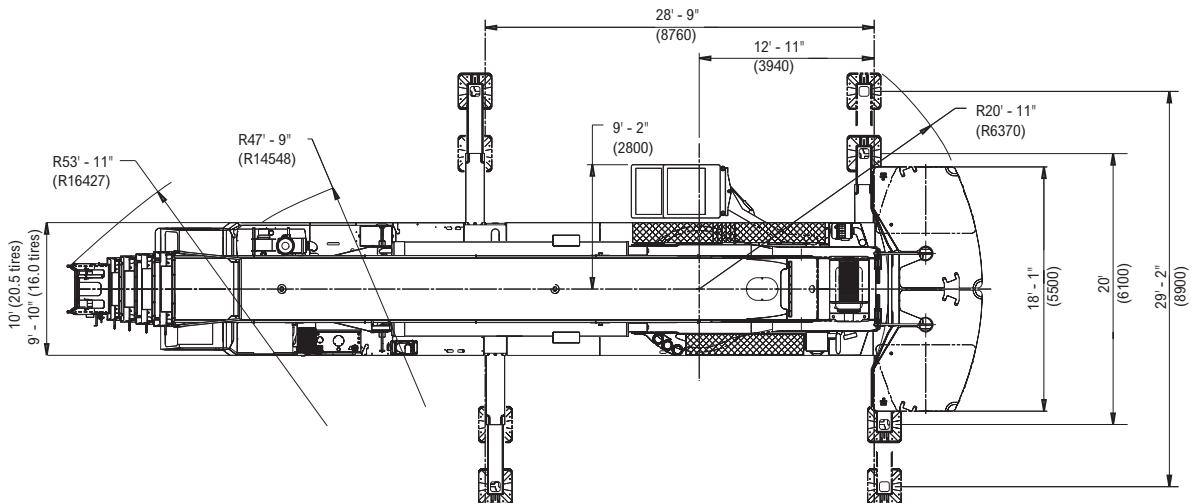
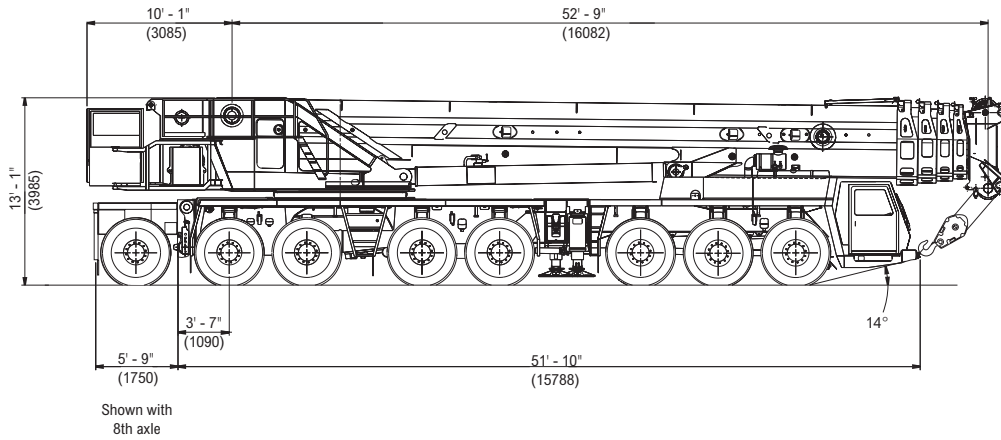
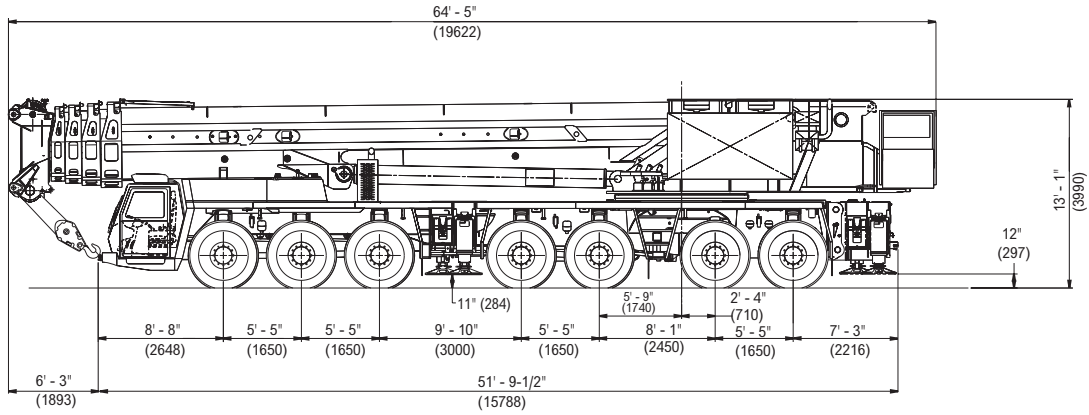
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All Terrain Crane

dimensions

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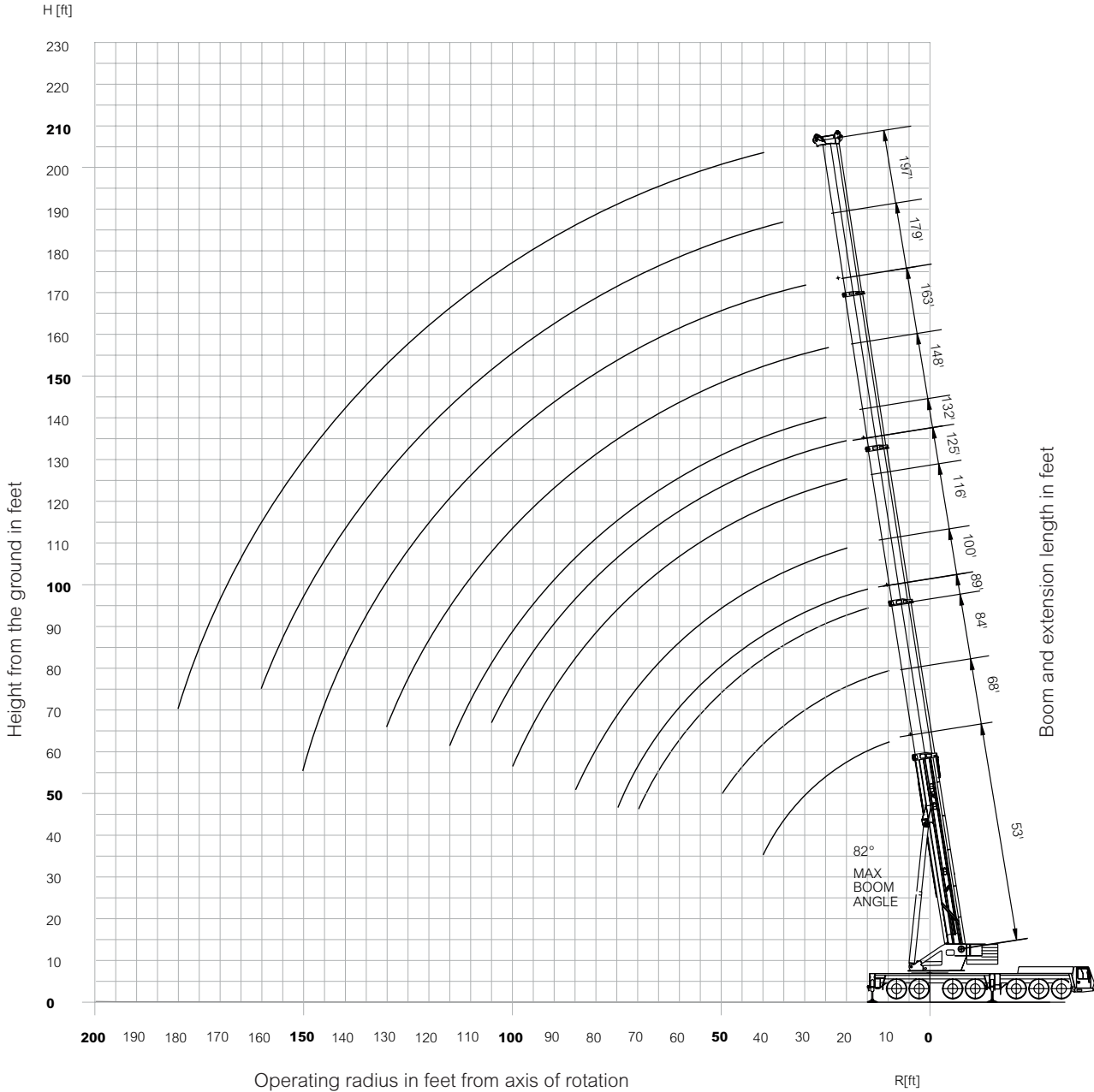
GMK7550

GROVE

working range

197 ft Main Boom

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Hook height							
Rated capacities in 1000 lbs.	705.4	551.1	440.9	352.6	220.4	88.1	35
Distance H in ft	13.3	13.0	12.0	12.0	10.8	10.5	8

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GMK 7550

GROVE

load charts

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 53 - 197 ft
  264,500 lbs.
  100%
 29' 2" Spread
  360°

Feet	Pounds (thousands)											
	53.0	68.0	84.0	89.0	100.0	116.0	125.0	132.0	148.0	163.0	179.0	197.0
8	*788.0											
10	678.0	624.0										
15	538.0	536.0	496.0	300.0								
20	438.0	442.0	438.0	300.0	410.0	372.0	284.0					
25	370.0	374.0	374.0	300.0	368.0	346.0	256.0	254.0				
30	318.0	320.0	320.0	298.0	318.0	316.0	232.0	228.0	204.0	181.0		
35	276.0	280.0	280.0	270.0	278.0	282.0	206.0	207.0	186.0	168.0	146.0	
40	242.0	244.0	246.0	238.0	244.0	246.0	187.0	186.0	168.0	155.0	141.0	123.0
45		215.0	216.0	209.0	219.0	217.0	170.0	170.0	154.0	142.0	131.0	119.0
50		191.0	196.0	185.0	195.0	193.0	154.0	155.0	141.0	131.0	122.0	112.0
55			176.0	165.0	175.0	174.0	143.0	145.0	129.0	121.0	114.0	105.0
60			159.0	147.0	159.0	157.0	132.0	136.0	120.0	111.0	106.0	98.0
65			144.0	136.0	144.0	142.0	121.0	128.0	111.0	104.0	98.0	92.0
70			131.0	122.0	130.0	127.0	111.0	119.0	102.0	97.0	92.0	86.0
75				109.0	117.0	114.0	104.0	113.0	96.0	90.0	87.0	80.0
80					106.0	104.0	95.0	107.0	90.0	83.0	81.0	76.0
85					97.0	94.0	86.0	98.0	84.0	79.0	75.0	72.0
90						87.0	78.0	90.0	79.0	75.0	71.0	67.0
95						84.0	70.0	82.0	75.0	70.0	68.0	63.0
100						79.0	64.0	76.0	72.0	66.0	64.0	60.0
105							59.0	70.0	69.0	62.0	60.0	57.0
110							56.0	65.0	66.0	59.0	56.0	54.0
115								61.0	62.0	56.0	53.0	51.0
120									57.0	52.0	51.0	47.0
125									54.0	49.0	49.0	45.0
130									50.0	47.0	46.0	43.4
135										46.0	44.0	41.4
140										43.4	41.2	39.6
145										40.6	38.6	37.6
150										38.2	36.0	35.8
155											33.6	33.8
160											31.4	31.6
165												29.4
170												27.6
175												25.8
180												24.2
185												

Loads > 420,000 lb can only be lifted with additional equipment
 * Over rear, 20 ft. outrigger span

 53 - 197 ft
  220,400 lbs.
  100%
 29' 2" Spread
  360°

Feet	Pounds (thousands)											
	53.0	68.0	84.0	89.0	100.0	116.0	125.0	132.0	148.0	163.0	179.0	197.0
8	*788.0											
10	664.0	624.0										
15	526.0	524.0	496.0	300.0								
20	428.0	432.0	432.0	300.0	410.0	372.0	284.0					
25	360.0	364.0	364.0	300.0	362.0	346.0	256.0	254.0				
30	308.0	312.0	312.0	298.0	310.0	314.0	232.0	228.0	204.0	181.0		
35	264.0	268.0	268.0	262.0	272.0	270.0	206.0	207.0	186.0	168.0	146.0	
40	228.0	232.0	236.0	226.0	236.0	234.0	187.0	186.0	168.0	155.0	141.0	123.0
45		206.0	208.0	196.0	207.0	205.0	170.0	170.0	154.0	142.0	131.0	119.0
50		180.0	183.0	172.0	183.0	180.0	154.0	155.0	141.0	131.0	122.0	112.0
55			159.0	150.0	158.0	155.0	143.0	145.0	129.0	121.0	114.0	105.0
60			139.0	130.0	139.0	136.0	127.0	136.0	120.0	111.0	106.0	98.0
65			123.0	115.0	123.0	120.0	111.0	124.0	111.0	104.0	98.0	92.0
70			110.0	108.0	109.0	109.0	98.0	111.0	102.0	97.0	92.0	86.0
75				96.0	98.0	102.0	87.0	99.0	94.0	90.0	87.0	80.0
80					89.0	93.0	80.0	90.0	88.0	83.0	81.0	76.0
85					81.0	84.0	75.0	82.0	83.0	78.0	75.0	72.0
90						77.0	70.0	74.0	76.0	71.0	71.0	67.0
95						71.0	65.0	68.0	69.0	67.0	67.0	63.0
100						65.0	60.0	64.0	64.0	63.0	61.0	60.0
105							55.0	61.0	59.0	58.0	56.0	56.0
110							50.0	57.0	54.0	54.0	52.0	52.0
115								53.0	50.0	49.0	48.0	48.0
120									46.0	46.0	43.8	44.0
125									44.0	42.4	40.4	40.6
130									41.2	39.4	37.4	37.6
135										36.4	34.6	34.6
140										34.0	32.0	32.0
145										31.6	29.6	29.6
150										29.4	27.2	27.4
155											25.2	25.4
160											23.4	23.4
165												21.6
170												20.0
175												18.4
180												17.0

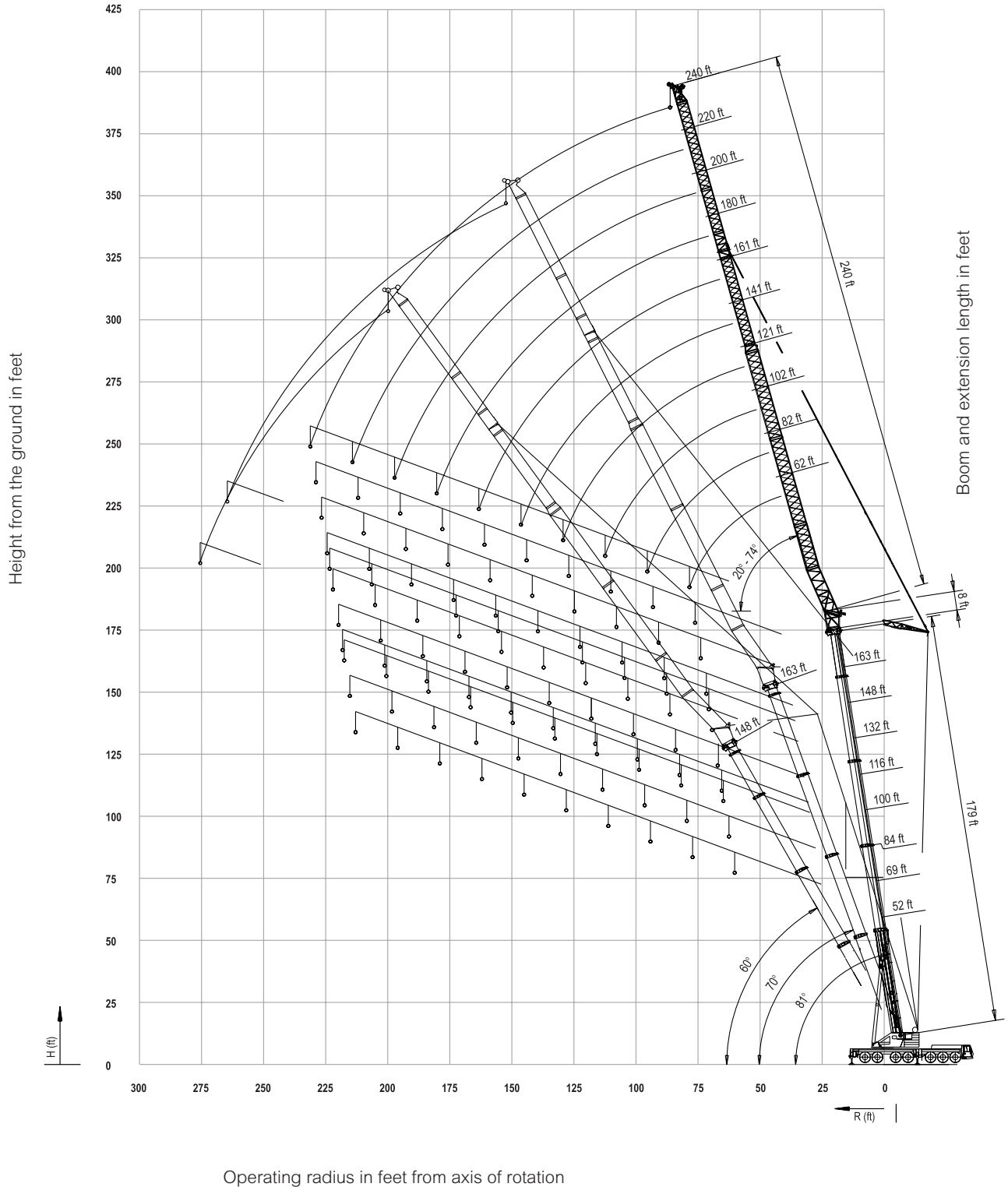
Loads > 420,000 lb can only be lifted with additional equipment
 * Over rear, 20 ft. outrigger span

GMK7550

working range

240 ft Hydraulic Luffing Jib

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GMK7550

GROVE

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE. The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

load charts

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81° 52.6 ft. 82-240 ft. 100% 29' 2" Spread 360° 264,500 lbs.

Pounds (thousands)

Feet	82	101.7	121.4	141.1	160.8	180.5	200.1	219.8	239.5
40	169.0	144.0							
45	160.0	140.0							
50	151.0	136.0	114.0	92.0					
55	142.0	132.0	111.0	91.0					
60	134.0	129.0	109.0	89.0	73.0				
65	128.0	125.0	106.0	88.0	72.0				
70	118.0	122.0	104.0	86.0	70.0	56.0	42.6		
75	102.0	118.0	102.0	84.0	69.0	54.0	41.4	32.6	
80	86.0	108.0	99.0	83.0	67.0	53.0	40.4	31.6	23.4
85	70.0	96.0	96.0	81.0	65.0	52.0	39.2	30.8	22.8
90		86.0	93.0	80.0	64.0	50.0	38.2	29.8	22.0
95		75.0	88.0	78.0	62.0	49.0	37.2	29.0	21.4
100		65.0	80.0	76.0	61.0	47.0	36.2	28.0	20.6
105			73.0	74.0	59.0	46.0	35.2	27.0	20.0
110			65.0	71.0	58.0	45.0	34.4	26.2	19.4
115			58.0	68.0	57.0	43.6	33.4	25.2	18.8
120			51.0	62.0	56.0	42.6	32.6	24.2	18.2
125				57.0	54.0	41.6	31.8	23.2	17.6
130				51.0	53.0	40.6	31.0	22.6	17.2
135				46.0	50.0	39.6	30.2	22.0	16.6
140					47.0	38.8	29.4	21.4	16.0
145					43.2	38.0	28.4	20.8	15.4
150					39.6	37.0	27.6	20.2	15.0
155					36.2	36.2	26.6	19.6	14.6
160						35.0	25.8	19.2	14.2
165						33.4	24.8	18.6	13.6
170						31.8	24.4	18.2	13.2
175						29.6	23.8	17.8	12.8
180							23.2	17.2	12.4
185							22.8	16.8	12.0
190							22.2	16.4	11.6
195							21.6	15.8	11.2
200								15.6	11.0
205								15.2	10.6
210								14.8	10.2
215								14.4	9.8
220									9.6
225									9.2
230									9.0
235									8.6

81° 84.3 ft. 82-240 ft. 100% 29' 2" Spread 360° 264,500 lbs.

Pounds (thousands)

Feet	82	101.7	121.4	141.1	160.8	180.5	200.1	219.8	239.5
40									
45	154.0								
50	145.0	125.0							
55	137.0	123.0	100.0						
60	129.0	120.0	99.0	79.0					
65	122.0	118.0	98.0	79.0					
70	117.0	116.0	97.0	79.0	63.0				
75	112.0	113.0	95.0	78.0	62.0	49.0	38.4		
80	107.0	111.0	93.0	77.0	61.0	48.0	37.6	29.6	
85	100.0	109.0	92.0	76.0	60.0	47.0	36.8	28.6	
90	81.0	105.0	90.0	75.0	59.0	46.0	36.0	27.8	21.0
95		98.0	89.0	74.0	58.0	45.0	35.0	26.8	20.4
100		87.0	88.0	73.0	57.0	44.0	34.2	26.0	20.0
105		75.0	87.0	72.0	55.0	43.2	33.6	25.0	19.4
110		62.0	81.0	71.0	54.0	42.2	32.8	24.4	18.8
115			75.0	70.0	53.0	41.4	32.0	23.8	18.2
120			67.0	69.0	52.0	40.6	31.2	23.2	17.6
125				68.0	51.0	39.8	30.6	22.6	17.2
130				64.0	50.0	39.0	29.8	22.0	16.6
135				59.0	48.0	38.0	29.2	21.4	16.2
140				53.0	47.0	37.4	28.6	21.0	15.8
145					45.0	36.6	27.8	20.4	15.2
150					43.6	35.8	27.2	20.0	14.8
155					42.2	35.2	26.4	19.4	14.4
160					40.6	34.4	25.8	18.8	14.0
165						33.6	25.0	18.4	13.6
170						33.0	24.2	18.0	13.2
175						32.4	23.4	17.6	12.8
180						31.8	22.8	17.0	12.4
185							22.4	16.6	12.0
190							22.0	16.2	11.6
195							21.4	15.8	11.2
200							21.0	15.4	10.8
205								15.0	10.6
210								14.6	10.2
215								14.2	9.8
220								13.8	9.6
225									9.2
230									9.0
235									8.6











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GROVE

GMK 7550

load charts

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Feet	82	101.7	121.4	141.1	160.8	180.5	200.1	219.8	239.5
45									
50	116.0								
55	113.0	99.0							
60	107.0	99.0	80.0						
65	102.0	95.0	80.0						
70	97.0	92.0	80.0	65.0					
75	93.0	88.0	79.0	65.0	51.0				
80	89.0	84.0	77.0	64.0	51.0	40.4	32.0		
85	85.0	80.0	75.0	64.0	50.0	39.8	31.6		
90	82.0	77.0	72.0	63.0	49.0	39.2	31.2	23.8	
95	79.0	74.0	70.0	62.0	49.0	38.8	30.6	23.4	18.4
100		72.0	67.0	61.0	48.0	38.2	30.2	23.0	18.0
105		69.0	65.0	60.0	47.0	37.6	29.6	22.6	17.4
110		67.0	62.0	58.0	47.0	37.2	29.2	22.2	17.0
115		64.0	60.0	56.0	46.0	36.6	28.6	21.6	16.6
120			58.0	55.0	45.0	36.0	28.2	21.2	16.2
125			57.0	53.0	45.0	35.6	27.6	20.8	15.8
130			55.0	52.0	44.0	35.0	27.2	20.4	15.4
135				50.0	43.6	34.4	26.6	20.0	15.0
140				49.0	43.0	33.8	26.0	19.4	14.6
145				48.0	42.4	33.4	25.2	19.0	14.2
150				47.0	41.8	32.8	24.6	18.6	14.0
155					41.2	32.4	24.0	18.2	13.6
160					40.6	31.8	23.6	17.8	13.2
165					40.2	31.2	23.0	17.4	12.8
170					39.6	30.8	22.6	17.0	12.4
175						30.2	22.2	16.6	12.2
180						29.8	21.8	16.4	11.8
185						29.2	21.4	16.0	11.4
190						28.8	21.0	15.6	11.2
195							20.6	15.2	10.8
200							20.2	14.8	10.6
205							19.8	14.4	10.2
210								14.2	9.8
215								13.8	9.6
220								13.6	9.2
225								13.2	9.0
230									8.8
235									8.4
240									8.2








    									
    									
Feet	82	101.7	121.4	141.1	160.8	180.5	200.1	219.8	239.5
55									
60	86.0								
65	83.0								
70	79.0	70.0							
75	75.0	67.0	57.0	45.0					
80	71.0	65.0	57.0	45.0	37.2				
85	68.0	62.0	57.0	45.0	37.2				
90	65.0	60.0	55.0	45.0	37.2	29.8	23.2		
95	62.0	58.0	54.0	45.0	37.0	29.8	23.2	18.0	
100	59.0	56.0	52.0	45.0	36.8	29.4	23.2	18.0	13.6
105		53.0	50.0	45.0	36.4	29.2	22.8	18.0	13.6
110		52.0	49.0	45.0	36.2	29.0	22.6	17.8	13.6
115		50.0	47.0	44.0	36.0	28.8	22.4	17.6	13.4
120		49.0	46.0	42.6	35.8	28.6	22.2	17.4	13.2
125			44.0	41.2	35.4	28.2	22.0	17.2	13.0
130			43.0	40.0	35.2	28.0	21.6	16.8	12.8
135			41.8	38.8	35.0	27.8	21.4	16.6	12.6
140			40.4	37.6	34.6	27.6	21.2	16.4	12.2
145				36.4	33.8	27.2	20.8	16.2	12.0
150				35.4	33.2	27.0	20.6	15.8	11.8
155				34.4	32.4	26.8	20.4	15.6	11.6
160					31.8	26.4	20.0	15.4	11.4
165					31.0	26.0	19.8	15.0	11.0
170					30.2	25.6	19.6	14.8	10.8
175					29.2	25.4	19.2	14.6	10.6
180						25.0	19.0	14.4	10.4
185						24.6	18.8	14.0	10.0
190						24.4	18.4	13.8	9.8
195						24.0	18.2	13.6	9.6
200							18.0	13.2	9.4
205							17.6	13.0	9.2
210							17.4	12.8	9.0
215							17.2	12.6	8.6
220								12.2	8.4
225								12.0	8.2
230								11.8	8.0
235								11.6	7.8
240									7.6
245									7.4

GMK 7550

load charts

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Pounds (thousands)									
Feet	82	101.7	121.4	141.1	160.8	180.5	200.1	219.8	239.5
65									
70	67.0								
75	64.0	57.0							
80	62.0	57.0	45.0	37.0					
85	59.0	55.0	45.0	37.0					
90	57.0	53.0	45.0	37.0	29.2				
95	55.0	51.0	45.0	37.0	29.2	23.8	19.2		
100	53.0	50.0	45.0	37.0	29.2	23.8	19.2	14.6	
105		48.0	44.0	37.0	29.2	23.6	19.0	14.6	10.8
110		46.0	43.2	37.0	29.2	23.6	19.0	14.6	10.8
115		45.0	41.8	37.0	29.2	23.4	18.8	14.4	10.8
120		43.4	40.6	36.6	29.2	23.2	18.6	14.4	10.8
125			39.2	35.8	29.2	23.2	18.6	14.2	10.6
130			38.0	34.8	29.2	23.0	18.4	14.0	10.4
135			36.8	34.0	29.2	22.8	18.2	13.8	10.2
140			35.8	33.0	28.8	22.6	18.0	13.6	10.2
145				32.0	28.6	22.6	17.8	13.6	10.0
150				31.0	28.2	22.4	17.6	13.4	9.8
155				30.0	27.8	22.2	17.6	13.2	9.6
160				29.2	27.4	22.0	17.4	13.0	9.4
165					27.0	21.8	17.2	12.8	9.4
170					26.2	21.8	17.0	12.6	9.2
175					25.4	21.6	16.8	12.6	9.0
180					24.8	21.4	16.6	12.4	8.8
185						21.2	16.4	12.2	8.6
190						21.0	16.2	12.0	8.4
195						20.6	16.0	11.8	8.4
200						20.4	16.0	11.6	8.2
205							15.8	11.4	8.0
210							15.6	11.4	7.8
215							15.4	11.2	7.6
220							15.2	11.0	7.4
225								10.8	7.2
230								10.6	7.0
235								10.4	7.0
240								10.2	6.8
245									6.6
250									6.4
255									6.2

    									
 									
Pounds (thousands)									
Feet	82	101.7	121.4	141.1	160.8	180.5	200.1	219.8	239.5
70									
75	55.0								
80	55.0	45.0							
85	55.0	45.0							
90	53.0	45.0	36.6	29.8					
95	51.0	45.0	36.6	29.8	23.8				
100	49.0	45.0	36.6	29.8	23.8	19.6	15.2		
105	47.0	43.2	36.6	29.8	23.8	19.6	15.2	11.6	
110	45.0	41.8	36.6	29.8	23.8	19.4	15.2	11.6	
115		40.4	36.6	29.8	23.8	19.4	15.2	11.6	8.4
120		39.0	36.2	29.8	23.8	19.4	15.0	11.6	8.4
125		37.8	35.2	29.8	23.8	19.2	15.0	11.6	8.4
130		36.4	34.0	29.8	23.8	19.2	15.0	11.4	8.2
135			33.0	29.8	23.8	19.0	14.8	11.4	8.2
140			32.0	29.2	23.8	19.0	14.8	11.2	8.0
145			31.0	28.4	23.8	18.8	14.6	11.2	8.0
150			30.0	27.4	23.8	18.8	14.6	11.0	7.8
155				26.6	23.6	18.6	14.4	11.0	7.8
160				25.8	23.4	18.6	14.4	10.8	7.6
165				25.2	23.2	18.4	14.2	10.8	7.6
170				24.4	23.0	18.4	14.2	10.6	7.4
175					22.4	18.2	14.0	10.4	7.4
180					21.8	18.2	13.8	10.4	7.2
185					21.2	18.0	13.8	10.2	7.2
190					20.4	18.0	13.6	10.2	7.0
195						17.6	13.6	10.0	6.8
200						17.2	13.4	10.0	6.8
205						16.8	13.4	9.8	6.6
210							13.2	9.6	6.6
215							13.0	9.6	6.4
220							13.0	9.4	6.2
225								9.2	6.2
230								9.2	6.0
235								9.0	5.8
240								8.8	5.8
245									5.6
250									5.6
255									5.4
260									5.2

GMK 7550

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE. The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

GROVE

load charts

18



70°



82-240 ft.



100%
29' 2" Spread



360°



264,500 lbs.



Feet	82	101.7	121.4	141.1	160.8	180.5	200.1	219.8	239.5
60	152.0								
65	142.0								
70	134.0								
75	128.0	125.0							
80	120.0	119.0							
85	112.0	112.0							
90	104.0	105.0	100.0						
95	98.0	97.0	81.0						
100	92.0	91.0	80.0	64.0					
105	86.0	85.0	79.0	62.0					
110	80.0	78.0	80.0	77.0	61.0				
115	76.0	75.0	75.0	59.0	46.0				
120	72.0	71.0	71.0	58.0	45.0	34.4			
125	68.0	67.0	67.0	57.0	43.6	33.4	25.4		
130	64.0	61.0	61.0	56.0	42.6	32.6	24.4		
135	61.0	54.0	54.0	54.0	41.6	31.8	23.4	17.6	
140	58.0	53.0	53.0	53.0	40.6	31.0	22.6	17.2	
145	55.0	51.0	51.0	49.0	39.6	30.2	22.0	16.6	
150	50.0	49.0	49.0	49.0	38.8	29.4	21.4	16.0	
155	48.0	48.0	48.0	48.0	38.0	28.8	20.8	15.6	
160	45.0	45.0	45.0	45.0	37.0	28.0	20.2	15.0	
165	43.2	43.2	43.2	43.2	36.2	27.2	19.8	14.6	
170	40.0	40.0	40.0	40.0	35.4	26.4	19.2	14.2	
175					34.6	25.6	18.8	13.6	
180					34.0	24.8	18.2	13.2	
185					33.0	24.0	17.8	12.8	
190					31.4	23.2	17.2	12.4	
195						22.6	16.8	12.0	
200						22.2	16.4	11.6	
205						21.6	16.0	11.2	
210							15.6	10.8	
215							15.0	10.6	
220							14.6	10.2	
225							14.4	9.8	
230								9.6	
235								9.2	
240								9.0	
245								8.6	



70°



82-240 ft.



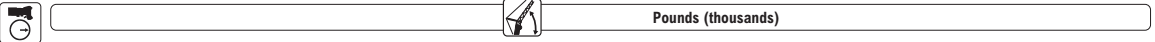
100%
29' 2" Spread



360°



264,500 lbs.

















Feet	82	101.7	121.4	141.1	160.8	180.5	200.1	219.8	239.5
70									
75	116.0								
80	110.0								
85	104.0								
90	97.0	96.0							
95	90.0	89.0	89.0						
100	85.0	84.0	83.0						
105		78.0	78.0	75.0					
110		74.0	73.0	72.0					
115		70.0	69.0	68.0	57.0				
120		66.0	65.0	64.0	56.0				
125			62.0	61.0	55.0	42.4			
130			59.0	58.0	54.0	41.6			
135			56.0	55.0	53.0	40.8	31.4		
140			53.0	52.0	52.0	39.8	30.8	22.8	
145				50.0	49.0	39.0	30.0	22.2	16.8
150				48.0	47.0	38.2	29.4	21.6	16.2
155				46.0	45.0	37.6	28.6	21.0	15.8
160				43.6	43.2	36.8	28.0	20.4	15.4
165					41.4	36.0	27.2	20.0	14.8
170					39.6	35.2	26.4	19.4	14.4
175					38.0	34.6	25.6	19.0	14.0
180					36.4	33.8	24.8	18.6	13.6
185						33.2	24.0	18.0	13.2
190						32.6	23.6	17.6	12.8
195						31.8	23.0	17.2	12.4
200						30.4	22.4	16.6	12.0
205							22.0	16.2	11.6
210							21.6	15.8	11.2
215							21.0	15.4	11.0
220							20.6	15.0	10.6
225								14.6	10.2
230								14.4	10.0
235								14.0	9.6
240									9.4
245									9.0
250									8.8
255									8.4

GMK7550

load charts

19

	 70° 115.9 ft.	 82-240 ft.	 100% 29' 2" Spread	 360°	 264,500 lbs.					
										
	Pounds (thousands)									
Feet	82	101.7	121.4	141.1	160.8	180.5	200.1	219.8	239.5	
85										
90	72.0									
95	69.0									
100	66.0	63.0								
105	64.0	61.0	58.0							
110	61.0	58.0	55.0							
115	59.0	56.0	53.0							
120		54.0	52.0	49.0						
125		52.0	50.0	48.0						
130		51.0	48.0	46.0						
135		50.0	47.0	44.0	43.0					
140			46.0	43.0	41.6	36.8				
145			44.0	41.6	40.4	36.8	27.8			
150			42.8	40.4	39.0	35.8	27.4			
155			41.6	39.2	37.8	34.8	26.8	20.2		
160				38.0	36.8	34.0	26.2	19.6	14.8	
165				37.0	35.6	33.0	25.6	19.2	14.4	
170				36.0	34.6	32.0	25.0	18.8	14.0	
175				35.0	33.6	31.2	24.2	18.4	13.8	
180					32.8	30.2	23.6	18.0	13.4	
185					31.6	29.4	23.2	17.6	13.0	
190					30.4	28.6	22.8	17.2	12.6	
195					29.2	27.8	22.4	16.8	12.2	
200						27.0	22.0	16.4	12.0	
205						26.0	21.6	16.0	11.6	
210						25.0	21.0	15.8	11.2	
215						24.0	20.6	15.4	11.0	
220							20.2	15.0	10.6	
225							19.8	14.6	10.4	
230							19.6	14.2	10.0	
235							19.2	14.0	9.8	
240								13.6	9.4	
245								13.4	9.2	
250									8.8	
255									8.6	
260									8.4	
265									8.0	

	 70° 147.6 ft.	 82-240 ft.	 100% 29' 2" Spread	 360°	 264,500 lbs.					
										
	Pounds (thousands)									
Feet	82	101.7	121.4	141.1	160.8	180.5	200.1	219.8	239.5	
95										
100	51.0									
105	51.0									
110	49.0									
115	46.0	42.0								
120	44.0	40.4								
125	42.0	39.0	36.8							
130	40.2	37.6	35.6							
135		36.4	34.4	32.0						
140		35.2	33.2	30.8						
145		34.0	32.0	29.8	28.8					
150		33.0	31.0	28.8	27.8					
155			30.0	27.8	26.8	24.6				
160			29.0	27.0	25.8	24.2	21.4			
165			28.2	26.0	25.0	23.4	21.2	16.4		
170			27.4	25.4	24.4	22.6	20.8	16.2		
175				24.8	23.8	21.8	20.2	16.0	11.8	
180				24.0	23.0	21.0	19.6	15.8	11.8	
185				23.4	22.4	20.4	19.0	15.6	11.4	
190				22.8	21.6	19.6	18.4	15.2	11.2	
195					21.0	19.0	17.8	15.0	11.0	
200					20.4	18.4	17.2	14.8	10.8	
205					19.8	17.8	16.6	14.6	10.6	
210						17.2	16.0	14.2	10.2	
215						16.8	15.6	14.0	10.0	
220						16.2	15.0	13.6	9.8	
225						15.8	14.6	13.4	9.6	
230							14.0	13.0	9.4	
235							13.6	12.6	9.0	
240							13.2	12.2	8.8	
245							12.8	11.8	8.6	
250								11.4	8.4	
255								11.2	8.2	
260								10.8	8.0	
265									7.8	
270									7.6	
275									7.2	
280									7.0	

GMK 7550

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE. The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

GROVE

load charts

20

70° 163.4 ft. 82-240 ft. 100% 29' 2" Spread 360° 264,500 lbs.

Pounds (thousands)

Feet	82	101.7	121.4	141.1	160.8	180.5	200.1	219.8	239.5
110									
115	39.0								
120	37.6	35.2							
125	36.2	33.8							
130	35.0	32.6							
135	33.8	31.6	29.6						
140		30.4	28.6						
145		29.4	27.6	25.4					
150		28.4	26.6	24.6					
155		27.6	25.8	24.0	23.0				
160			25.0	23.2	22.2	19.4			
165			24.4	22.4	21.4	19.4	17.2		
170			23.6	21.6	20.6	18.6	17.2		
175			23.0	21.0	20.0	18.0	16.8	13.6	
180				20.2	19.2	17.4	16.2	13.4	
185				19.6	18.6	16.6	15.6	13.2	9.6
190				19.0	18.0	16.0	15.0	13.2	9.6
195				18.4	17.4	15.6	14.6	12.8	9.4
200					16.8	15.0	14.0	12.4	9.2
205					16.2	14.4	13.4	12.0	9.0
210					15.8	14.0	13.0	11.6	9.0
215					15.2	13.4	12.6	11.2	8.8
220						13.0	12.2	10.8	8.6
225						12.6	11.6	10.4	8.4
230						12.0	11.2	10.0	8.2
235						11.6	10.8	9.6	8.0
240							10.4	9.4	7.8
245							10.0	9.0	7.6
250							9.8	8.6	7.2
255							9.4	8.2	7.0
260								8.0	6.8
265								7.6	6.6
270								7.4	6.2
275								7.0	6.0
280									5.8
285									5.4

70° 179.2 ft. 82-240 ft. 100% 29' 2" Spread 360° 264,500 lbs.

Pounds (thousands)

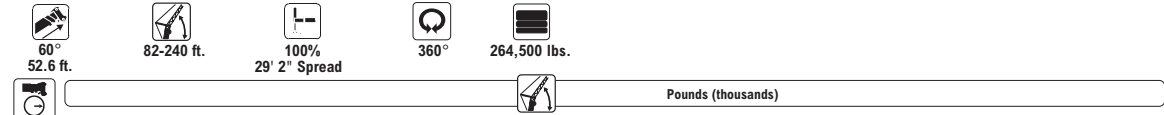
Feet	82	101.7	121.4	141.1	160.8	180.5	200.1	219.8	239.5
115									
120	35.0								
125	33.6	29.8							
130	32.4	28.8							
135	31.2	27.6							
140	30.2	26.8	25.0						
145		25.8	24.4						
150		25.2	23.4						
155		24.4	22.6	20.6					
160		23.6	21.8	19.8					
165			21.2	19.2	18.2	15.4			
170			20.4	18.4	17.4	15.4			
175			19.8	17.8	16.8	14.8	12.8		
180			19.2	17.2	16.2	14.2	12.8		
185				16.6	15.6	13.8	12.4	10.6	
190				16.0	15.0	13.2	12.0	10.6	
195				15.6	14.6	12.6	11.4	10.2	7.6
200				15.0	14.0	12.2	11.0	9.8	7.6
205					13.6	11.6	10.6	9.4	7.4
210					13.0	11.2	10.0	9.0	7.4
215					12.6	10.8	9.6	8.6	7.2
220					12.2	10.4	9.2	8.4	7.0
225						10.0	9.0	8.0	6.6
230						9.6	8.6	7.6	6.4
235						9.2	8.2	7.2	6.0
240						8.8	7.8	7.0	5.8
245							7.4	6.6	5.4
250							7.2	6.2	5.2
255							6.8	6.0	4.8
260							6.6	5.6	4.6
265								5.4	4.4
270								5.2	4.0
275								4.8	3.8
280								4.6	3.6

GMK 7550

GROVE

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load charts



21

Feet	82	101.7	121.4	141.1	160.8	180.5	200.1	219.8	239.5
90	100.0								
95	94.0	93.0							
100	88.0	87.0							
105		82.0	81.0						
110		77.0	76.0						
115		73.0	72.0						
120		69.0	68.0	67.0					
125			64.0	63.0					
130			61.0	60.0					
135			58.0	57.0	57.0				
140			56.0	55.0	54.0				
145				52.0	52.0	41.6			
150				50.0	49.0	40.6			
155				48.0	47.0	39.6	30.2		
160				46.0	45.0	38.8	29.4		
165					43.2	37.8	28.6	20.8	
170					41.4	37.0	28.0	20.2	
175					39.8	36.2	27.2	19.6	
180						35.4	26.4	19.2	14.0
185						34.6	25.4	18.6	13.6
190						33.8	24.4	18.2	13.2
195							33.2	17.6	12.8
200								23.2	17.2
205								22.6	16.8
210								22.0	16.4
215								21.6	15.8
220									15.4
225									15.0
230									14.8
235									14.4
240									
245									9.6
250									9.2
255									8.6











GMK 7550











THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE. The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

GROVE

load charts

22

	    								
	    								
	84.3 ft.								
	29' 2" Spread								
	Pounds (thousands)								
Feet	82	101.7	121.4	141.1	160.8	180.5	200.1	219.8	239.5
95									
100	77.0								
105	72.0								
110	68.0								
115	64.0	63.0							
120		60.0							
125		57.0	56.0						
130		54.0	53.0						
135		51.0	50.0						
140			48.0	47.0					
145			46.0	44.0					
150			43.4	42.4					
155			41.6	40.4	39.6				
160				38.6	37.8	37.0			
165				37.0	36.2	35.4			
170				35.4	34.6	33.8			
175				34.0	33.2	32.4	28.0		
180					31.8	31.0	27.4		
185					30.6	29.8	26.8	19.4	
190					29.4	28.6	26.0	19.0	
195					28.2	27.4	25.4	18.4	
200						26.2	24.8	18.0	13.2
205						25.2	23.8	17.6	12.8
210						24.2	23.0	17.2	12.4
215						23.4	22.4	16.6	12.0
220							21.8	16.2	11.6
225							21.0	15.8	11.2
230							20.2	15.4	11.0
235							19.4	15.0	10.6
240								14.6	10.2
245								14.4	10.0
250								14.0	9.6
255								13.6	9.2
260									9.0
265									8.8
270									8.4
275									8.2

	    								
	    								
	115.9 ft.								
	29' 2" Spread								
	Pounds (thousands)								
Feet	82	101.7	121.4	141.1	160.8	180.5	200.1	219.8	239.5
115									
120	51.0								
125	49.0								
130	47.0								
135	46.0	43.6							
140		42.2							
145		40.6	38.6						
150		38.8	37.4						
155		36.8	36.2						
160			34.4	33.2					
165			33.0	31.8					
170			31.6	30.4					
175			30.2	29.0	28.2				
180				27.8	27.0				
185				26.6	25.8	25.0			
190				25.6	24.8	23.8			
195				24.4	23.8	22.8	22.0		
200					22.8	21.8	21.2		
205					21.8	21.0	20.2	17.6	
210					21.0	20.2	19.4	17.2	12.6
215					20.0	19.2	18.6	16.8	12.2
220						18.4	17.8	16.4	12.0
225						17.8	17.0	16.0	11.6
230						17.0	16.4	15.8	11.2
235						16.2	15.6	15.2	11.0
240							15.0	14.6	10.6
245							14.4	13.8	10.4
250								13.2	10.0
255								12.8	9.8
260								12.2	9.4
265								11.6	9.2
270									8.8
275									8.6
280									8.4
285									8.0

GMK7550

load charts

23

60° 147.6 ft. 82-240 ft. 100% 29' 2" Spread 360° 264,500 lbs.

Pounds (thousands)

Feet	82	101.7	121.4	141.1	160.8	180.5	200.1	219.8	239.5
135									
140	33.4								
145	31.6								
150	30.0								
155	28.6	26.0							
160		25.2							
165		24.6	23.0						
170		23.8	22.2						
175		23.0	21.4						
180			20.8	18.8					
185			20.2	18.2					
190			19.6	17.6					
195			18.8	17.0	16.0				
200				16.4	15.4	13.6			
205				16.0	15.0	13.2			
210					14.4	12.6	15.2		
215					14.0	12.2	12.6		
220					13.4	11.6	10.6		
225					13.0	11.2	10.2	9.2	
230						10.8	9.8	8.8	8.4
235						10.4	9.4	8.4	8.4
240						10.0	9.0	8.2	8.2
245						9.6	8.6	7.8	7.8
250							8.2	7.4	7.6
255							7.8	7.0	7.2
260							7.6	6.8	7.0
265							7.2	6.4	6.6
270								6.2	6.4
275								5.8	6.0
280								5.6	5.6
285								5.4	5.2
290									4.8
295									4.4
300									4.0
305									3.6

60° 163.4 ft. 82-200 ft. 100% 29' 2" Spread 360° 264,500 lbs.

Pounds (thousands)

Feet	82	101.7	121.4	141.1	160.8	180.5	200.1
140							
145	25.4						
150	24.8						
155	24.0						
160	23.2	21.2					
165		20.6					
170		19.8					
175		19.2	17.6				
180		18.6	17.0				
185			16.4	14.4			
190			15.8	14.0			
195			15.4	13.4			
200			14.8	13.0			
205				12.4	11.4		
210				12.0	11.0	9.2	
215				11.6	10.6	8.8	
220				11.2	10.2	8.4	7.6
225					9.8	8.0	7.2
230					9.4	7.6	6.8
235					9.0	7.2	6.4
240					8.6	6.8	6.0
245						6.6	5.8
250						6.2	5.4
255						6.0	5.2
260						5.6	4.8
265							4.6
270							4.2
275							4.0
280							3.8

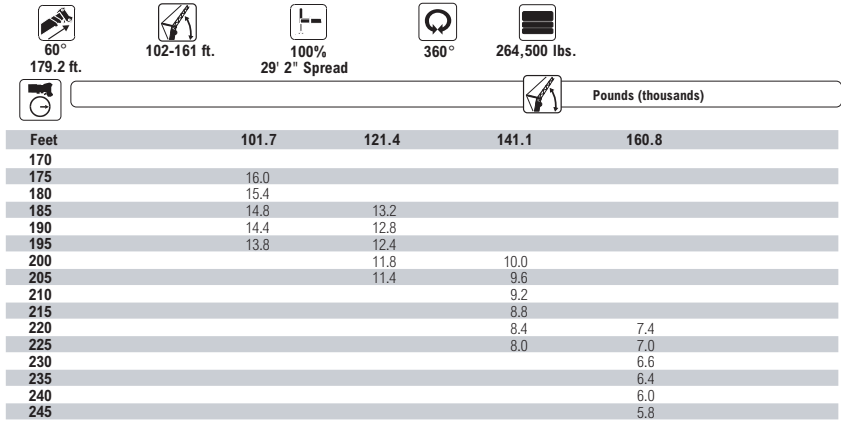
GMK 7550

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE. The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

GROVE

load charts

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GMK 7550

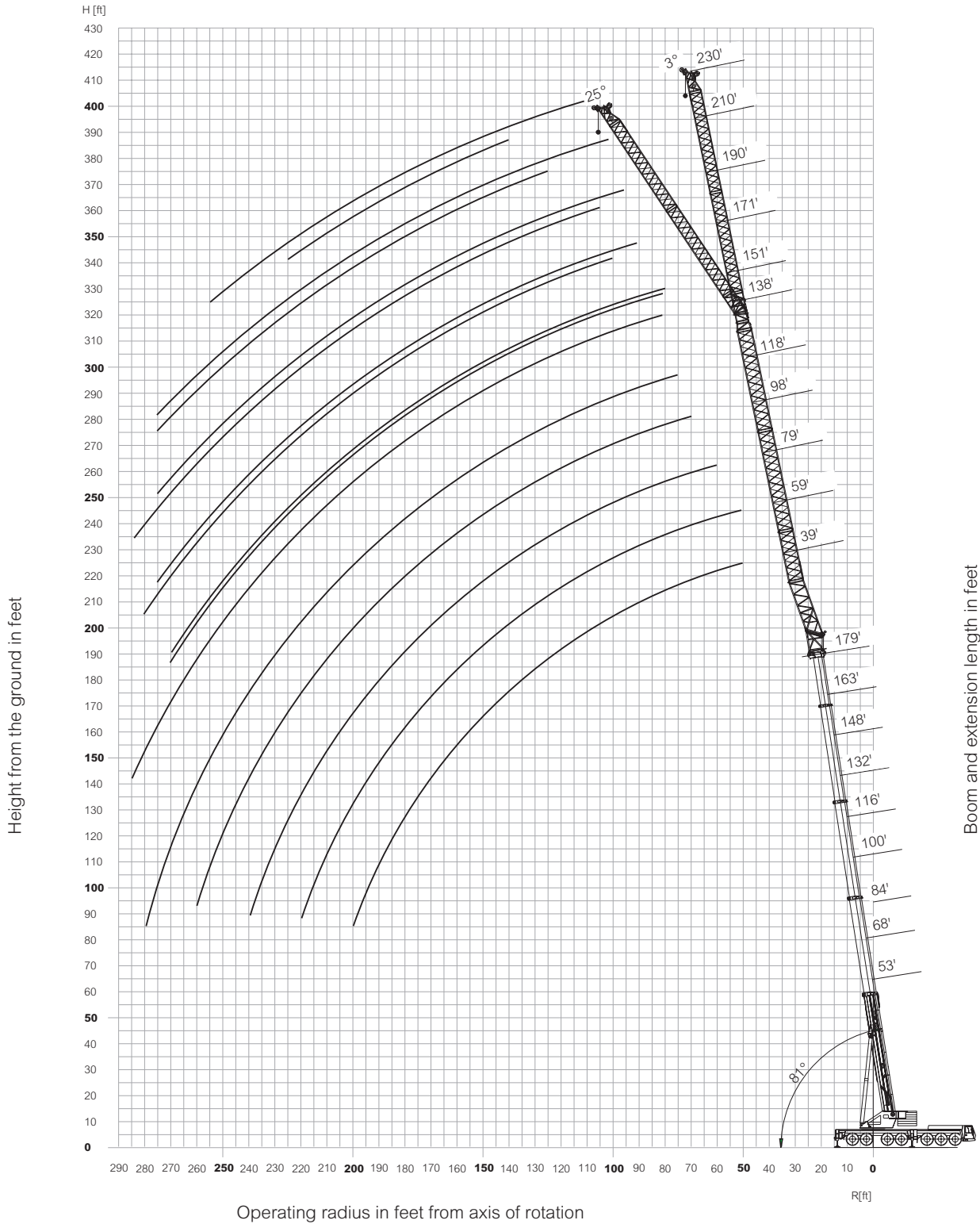
GROVE

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE. The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

working range

230 ft Lattice Extension

25



THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE. The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

GMK 7550
GROVE

load charts

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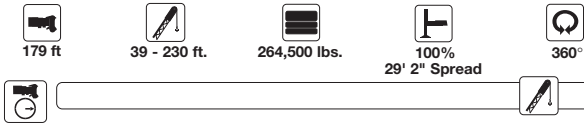
		Pounds (thousands)									
		163'									
Ft	39	59	79	98	118	138	151	171	190	210	230
	3°	3°	3°	3°	3°	3°	3° 25°	3° 25°	3° 25°	3° 25°	3° 25°
45	105.0										
50	100.0	87.0									
55	96.0	83.0	66.0								
60	90.0	80.0	63.0	51.0							
65	85.0	77.0	61.0	49.0							
70	79.0	72.0	58.0	47.0	41.6						
75	74.0	68.0	56.0	45.0	40.0	33.8	28.2				
80	70.0	64.0	53.0	43.6	38.6	32.6	27.0	25.6	23.4		
85	66.0	61.0	51.0	42.0	37.2	31.4	26.0	24.4	22.6		
90	62.0	57.0	50.0	40.4	35.8	29.8	24.8	23.6	21.6	19.0	
95	58.0	54.0	48.0	39.0	34.4	28.4	23.8	22.6	20.8	18.6	18.2
100	54.0	51.0	46.0	37.8	33.4	26.8	23.0	21.8	19.8	17.8	17.4
105	52.0	49.0	45.0	36.6	32.2	25.8	22.0	21.0	19.2	17.2	16.8
110	49.0	46.0	43.0	35.2	31.2	25.0	21.2	20.2	18.4	16.4	16.0
115	46.0	44.0	41.4	34.0	30.0	24.2	20.4	19.4	17.6	15.8	15.4
120	43.6	41.8	39.6	32.8	28.8	23.4	19.6	18.8	17.0	15.2	14.8
125	41.0	39.8	37.8	31.6	27.6	22.4	18.8	18.0	16.2	14.6	14.2
130	38.6	38.0	36.0	30.4	26.4	21.8	18.2	17.4	15.6	14.2	13.6
135	36.6	36.0	34.2	29.2	25.2	21.2	17.6	16.8	15.0	13.6	13.0
140	34.6	34.2	32.6	28.0	24.2	20.4	17.0	16.2	14.4	13.2	12.4
145	32.6	32.4	30.8	26.8	23.6	19.8	16.4	15.6	14.0	12.6	12.0
150	30.6	30.6	29.0	25.8	23.0	19.2	15.8	15.2	13.4	12.2	11.6
155	28.6	29.0	27.4	25.0	22.4	18.6	15.2	14.6	13.0	11.8	11.0
160	26.6	27.4	25.6	24.0	21.6	18.2	14.8	14.0	12.4	11.4	10.6
165	25.0	26.0	24.4	23.2	21.0	17.6	14.2	13.6	12.0	11.0	10.2
170	23.0	24.4	23.4	22.2	20.4	17.2	13.8	13.2	11.6	10.6	9.8
175	21.2	22.8	22.4	21.2	19.8	16.6	13.4	12.8	11.2	10.2	9.4
180	19.4	21.2	21.4	20.4	19.2	16.2	12.8	12.4	10.8	9.8	9.0
185	17.8	19.6	20.2	19.6	18.4	15.8	12.4	12.0	10.4	9.6	8.6
190	16.4	18.0	19.2	18.6	17.8	15.4	12.0	11.6	10.0	9.2	8.4
195		16.4	18.2	17.8	17.2	15.0	11.6	11.2	9.6	8.8	8.0
200		15.0	16.8	17.0	16.6	14.6	11.4	11.0	9.2	8.6	7.8
205		13.8	15.4	16.0	15.8	14.2	11.0	10.6	9.0	8.2	7.4
210			14.2	15.2	15.0	13.8	10.6	10.2	8.6	8.0	7.2
215			12.8	13.8	14.4	13.4	10.2	10.0	8.4	7.8	7.0
220			11.8	12.6	13.6	12.8	10.0	9.6	8.0	7.4	6.6
225			10.6	11.6	12.4	12.2	9.6	9.2	7.8	7.2	6.2
230				10.4	11.4	11.6	9.0	8.8	7.4	7.0	6.0
235				9.4	10.4	10.6	8.6	8.4	7.2	6.8	5.8
240				8.4	9.4	9.6	7.6	8.0	6.8	6.4	5.6
245					8.4	8.6	6.8	7.2	6.6	6.2	5.4
250					7.4	7.8	5.8	6.2	6.2	6.0	5.2
255					6.6	7.0	5.0	5.2	5.6	5.8	4.8
260					5.8	6.0	4.0	4.4	4.8	5.4	4.6
265						5.2	3.2	3.6	4.0	4.8	4.4
270						4.4	2.6	2.8	3.2	4.0	3.8
275						3.8			2.4	3.2	3.0
280						3.0			2.4	2.2	3.2
285										2.6	2.4

GMK7550

GROVE

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE. The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

load charts



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		Pounds (thousands)												
		179'												
Ft		39.0	59.0	79.0	98.0	118.0	138.0	151	171.0	190.0	210.0	230.0		
Ft		3°	3°	3°	3°	3°	3°	25°	3°	25°	3°	25°	3°	25°
45														
50	87.0	78.0												
55	83.0	75.0												
60	80.0	72.0	60.0											
65	76.0	68.0	58.0											
70	72.0	65.0	56.0	47.0										
75	68.0	61.0	54.0	46.0	38.6									
80	65.0	58.0	52.0	44.0	37.4	31.4	25.8	24.6						
85	61.0	55.0	49.0	43.0	36.2	29.8	25.0	23.8						
90	57.0	52.0	47.0	41.6	35.0	28.2	24.2	22.8	20.8					
95	54.0	50.0	45.0	40.2	34.0	27.0	23.2	22.0	20.0	17.2				
100	51.0	47.0	43.4	38.8	32.8	26.2	22.4	21.2	19.4	17.4	16.6		13.8	11.6
105	49.0	45.0	41.6	37.4	31.4	25.4	21.6	20.6	18.6	16.8	16.0	14.0	13.4	11.2
110	46.0	43.0	39.8	35.8	30.2	24.6	20.8	19.8	18.0	16.2	15.6	13.4	13.0	10.8
115	44.0	41.0	38.0	34.6	28.8	24.0	20.2	19.2	17.2	15.6	15.0	13.0	12.4	10.4
120	41.8	39.2	36.4	33.2	27.6	23.2	19.4	18.6	16.6	15.0	14.4	12.4	12.0	10.0
125	39.8	37.2	35.0	31.8	26.6	22.6	18.8	18.0	16.0	14.6	14.0	12.0	11.6	9.8
130	37.8	35.4	33.6	30.6	25.8	21.8	18.2	17.4	15.4	14.0	13.4	11.6	11.2	9.4
135	35.8	33.6	32.2	29.2	25.0	21.2	17.6	16.8	15.0	13.6	13.0	11.2	10.8	9.0
140	34.0	31.8	30.6	27.8	24.2	20.6	17.0	16.2	14.4	13.0	12.4	10.8	10.4	8.6
145	32.0	30.0	29.2	26.6	23.4	20.0	16.4	15.6	14.0	12.6	12.0	10.4	10.0	8.2
150	30.4	28.2	28.0	25.2	22.6	19.4	16.0	15.2	13.4	12.2	11.4	10.0	9.6	7.8
155	28.8	26.4	26.6	23.8	21.8	18.8	15.4	14.8	13.0	11.8	11.0	9.6	9.2	7.6
160	27.2	25.0	25.2	22.6	21.0	18.2	14.8	14.2	12.4	11.4	10.6	9.2	8.8	7.2
165	25.6	24.0	23.8	21.6	20.2	17.6	14.4	13.8	12.0	11.0	10.2	9.0	8.4	7.0
170	24.0	22.8	22.4	20.8	19.4	17.2	13.8	13.4	11.6	10.6	9.8	8.6	8.2	6.6
175	22.2	21.8	21.2	20.0	18.6	16.6	13.4	13.0	11.2	10.2	9.6	8.2	7.8	6.4
180	21.0	20.8	20.4	19.2	17.8	16.0	13.0	12.6	10.8	10.0	9.2	8.0	7.4	6.0
185	19.2	19.6	19.4	18.4	17.2	15.4	12.6	12.2	10.4	9.6	8.8	7.6	7.2	5.8
190	17.6	18.6	18.6	17.4	16.6	14.8	12.0	11.8	10.2	9.4	8.4	7.4	6.8	5.6
195	16.2	17.2	17.6	16.6	15.8	14.4	11.6	11.4	9.8	9.0	8.2	7.2	6.6	5.4
200	14.8	15.8	16.8	16.0	15.2	13.8	11.2	11.0	9.4	8.8	7.8	6.8	6.2	5.0
205		14.4	15.8	15.2	14.6	13.2	10.6	10.6	9.2	8.4	7.6	6.6	6.0	4.8
210		13.2	14.6	14.6	13.8	12.8	10.2	10.2	8.8	8.2	7.4	6.4	5.6	4.4
215		12.0	13.4	13.8	13.2	12.2	9.8	9.8	8.4	7.8	7.0	6.2	5.4	4.2
220		10.8	12.2	13.0	12.8	11.6	9.2	9.2	8.2	7.6	6.8	6.0	5.2	4.0
225			11.2	12.0	12.2	11.2	8.8	8.8	7.8	7.4	6.6	5.8	5.0	3.6
230			10.0	10.8	11.6	10.6	8.4	8.4	7.4	7.0	6.2	5.4	4.8	3.4
235			9.0	9.8	10.6	10.2	7.8	8.0	7.0	6.8	6.0	5.2	4.6	3.2
240			8.2	8.8	9.6	9.6	7.4	7.6	6.6	6.4	5.6	5.0	4.2	3.0
245				7.8	8.6	8.8	6.8	7.2	6.2	6.2	5.4	4.8	4.0	2.8
250				7.0	7.8	7.8	5.8	6.2	5.8	5.8	5.0	4.6	3.8	2.6
255				6.0	6.8	7.0	5.0	5.4	5.4	5.6	4.8	4.6	3.6	2.4
260				5.2	6.0	6.2	4.2	4.4	4.8	5.2	4.4	4.4	3.2	2.8
265					5.2	5.4	3.4	3.6	4.0	4.8	4.0	4.2	3.0	2.6
270					4.4	4.6	2.6	2.8	3.2	4.0	3.6	3.8	2.8	2.6
275					3.8	3.8			2.4	3.2	2.8	3.6	2.6	2.4
280					3.0	3.2				2.4		3.2		
285						2.4						2.6		

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE. The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

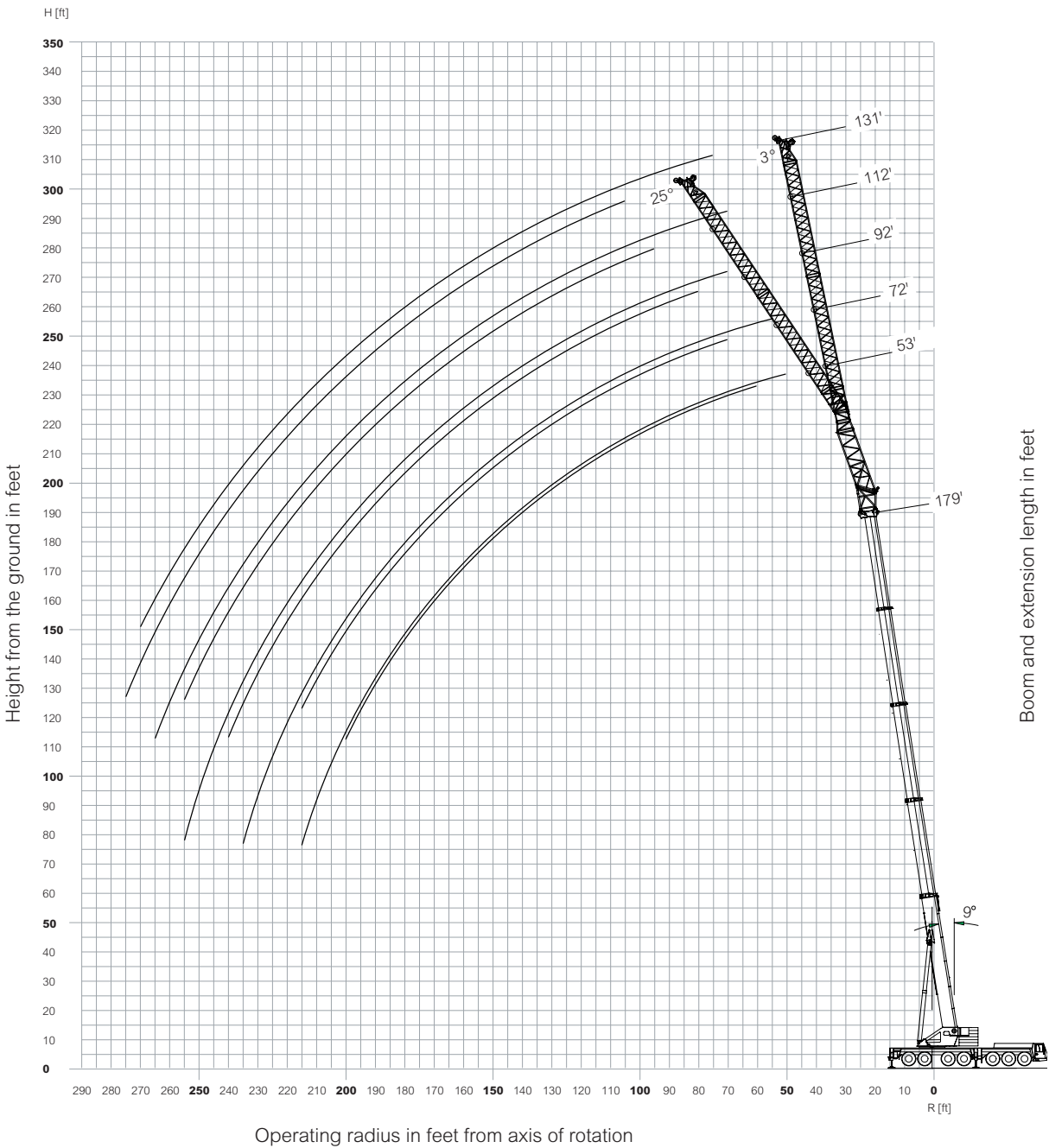
GMK 7550

GROVE

working range

Special offset lattice extension

28



GMK7550

GROVE

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE. The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

load charts



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Ft		163'									
Ft		52.5		72.2		91.9		111.6		131.2	
		3°	25°	3°	25°	3°	25°	3°	25°	3°	25°
45	97.0										
50	94.0			74.0							
55	88.0	79.0		71.0							
60	82.0	77.0		69.0		54.0		43.2			
65	78.0	74.0		66.0		52.0		41.6			
70	73.0	71.0		63.0	51.0	50.0		40.0		34.6	
75	69.0	67.0		61.0	49.0	48.0		38.4		33.2	
80	65.0	64.0		58.0	48.0	47.0	36.4	37.0		32.0	
85	61.0	60.0		55.0	46.0	45.0	35.4	35.6		30.6	
90	57.0	57.0		53.0	45.0	43.4	34.4	34.4	25.0	29.0	
95	54.0	53.0		50.0	43.8	42.0	33.4	33.2	24.4	27.4	
100	51.0	51.0		48.0	42.8	40.6	32.6	32.2	23.8	26.0	19.8
105	48.0	48.0		45.0	41.6	39.2	31.6	31.0	23.2	25.2	19.2
110	46.0	46.0		43.4	40.4	38.0	30.6	29.8	22.6	24.4	18.8
115	43.2	43.4		41.4	39.0	36.6	29.4	28.6	22.0	23.6	18.2
120	41.2	41.2		39.4	37.8	35.4	28.2	27.4	21.4	22.8	17.8
125	39.0	39.2		37.4	36.4	34.2	27.0	26.2	21.0	22.2	17.4
130	37.0	37.2		35.4	35.2	33.0	26.6	25.2	20.4	21.4	17.0
135	35.0	35.2		33.4	33.6	31.8	26.0	24.4	20.0	20.8	16.6
140	32.8	33.4		31.6	31.8	30.6	25.4	23.8	19.6	20.2	16.2
145	31.2	31.4		29.6	30.0	29.2	24.8	23.0	19.2	19.6	15.8
150	29.4	29.8		27.8	28.2	27.6	24.2	22.4	18.8	19.0	15.4
155	27.8	28.0		26.0	26.4	26.2	23.6	21.8	18.4	18.6	15.0
160	26.0	26.4		24.4	25.0	24.8	23.0	21.2	18.0	18.0	14.8
165	24.4	24.8		23.4	23.8	23.2	22.4	20.6	17.6	17.6	14.4
170	22.6	23.2		22.2	22.8	21.8	21.8	19.8	17.4	17.0	14.2
175	20.6	21.2		21.2	21.6	20.8	21.2	19.2	17.0	16.6	13.8
180	18.8	19.4		20.0	20.4	19.8	20.4	18.6	16.8	16.2	13.6
185	17.2	17.6		19.0	19.4	19.0	19.6	17.8	16.4	15.8	13.4
190	15.6	16.0		17.4	18.2	18.0	18.6	17.2	16.2	15.4	13.2
195	14.0			15.8	17.0	17.0	17.6	16.4	15.6	15.0	13.0
200	12.6			14.4	15.4	16.0	16.8	15.8	15.2	14.6	12.6
205				13.0		14.6	15.8	15.0	14.8	14.2	12.4
210				11.8		13.2	15.0	14.2	14.2	13.8	12.2
215				10.6		12.0	13.6	13.2	13.8	13.2	12.0
220				9.4		10.8	12.2	12.0	13.2	12.4	11.6
225						9.8		11.0	12.8	11.8	11.4
230						8.8		9.8	11.6	10.8	11.2
235						7.8		8.8	10.4	9.8	11.0
240						6.8		7.8	9.2	8.8	10.6
245								6.8		7.8	10.2
250								6.0		6.8	9.0
255								5.0		6.0	7.8
260								4.2		5.2	6.8
265										4.4	
270										3.6	
275											
280											

GMK 7550

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GROVE

load charts

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Ft	Pounds (thousands)									
	52.5		72.2		91.9		111.6		131.2	
Ft	3°	25°	3°	25°	3°	25°	3°	25°	3°	25°
45										
50	81.0									
55	77.0		67.0							
60	73.0	71.0	65.0							
65	70.0	67.0	61.0							
70	66.0	64.0	58.0	50.0	49.0		40.4			
75	63.0	61.0	55.0	48.0	47.0		39.0		32.2	
80	59.0	57.0	53.0	47.0	46.0	36.0	37.8		30.8	
85	56.0	54.0	50.0	46.0	44.0	35.0	36.6		29.0	
90	53.0	52.0	48.0	44.0	42.6	34.2	35.6		27.6	
95	50.0	49.0	46.0	43.0	41.2	33.2	34.4	25.6	26.6	
100	47.0	47.0	43.6	41.6	39.6	32.4	33.4	25.0	25.8	
105	45.0	45.0	41.6	40.0	38.0	31.6	32.4	24.4	25.0	19.2
110	43.0	42.6	39.6	38.4	36.4	30.8	31.6	23.8	24.2	18.6
115	40.8	40.6	38.0	36.8	34.8	30.0	30.6	23.2	23.4	18.2
120	38.8	38.6	36.4	35.2	33.2	29.0	29.4	22.8	22.8	17.8
125	36.6	36.8	34.8	33.4	31.8	28.0	28.2	22.2	22.0	17.4
130	34.6	34.8	33.0	31.6	30.2	27.0	26.8	21.8	21.4	17.0
135	32.8	32.8	31.4	29.8	28.6	26.0	25.6	21.4	20.8	16.6
140	30.8	31.0	29.8	28.2	27.2	25.2	24.2	20.8	20.4	16.2
145	28.8	29.0	28.4	27.0	25.6	24.4	23.2	20.4	19.8	15.8
150	27.0	27.2	26.8	25.8	24.4	23.6	22.4	20.0	19.2	15.6
155	25.2	25.4	25.4	24.8	23.4	23.0	21.6	19.8	18.6	15.2
160	24.0	24.2	23.8	23.6	22.4	22.2	20.8	19.4	18.2	14.8
165	22.8	23.2	22.4	22.6	21.4	21.4	19.8	19.0	17.6	14.6
170	21.8	22.0	21.2	21.6	20.6	20.6	19.0	18.6	17.0	14.4
175	20.6	20.8	20.2	20.6	19.6	19.8	18.4	18.0	16.6	14.0
180	19.4	19.6	19.2	19.6	18.6	18.8	17.6	17.4	16.0	13.8
185	18.0	18.4	18.2	18.6	17.8	18.0	16.8	16.8	15.6	13.6
190	16.4	17.0	17.4	17.8	17.0	17.4	16.2	16.2	15.0	13.2
195	15.0	15.4	16.4	16.8	16.2	16.6	15.4	15.6	14.4	13.0
200	13.6	14.0	15.0	15.8	15.4	15.8	14.6	15.0	13.8	12.8
205	12.2		13.8	15.0	14.6	15.0	14.0	14.4	13.2	12.6
210	11.0		12.4	13.6	13.8	14.4	13.2	13.8	12.6	12.4
215	9.8		11.2	12.2	12.8	13.6	12.6	13.2	12.0	12.2
220			10.0		11.6	12.8	12.0	12.6	11.4	11.8
225			9.0		10.4	11.8	11.2	12.0	10.8	11.4
230			7.8		9.4	10.6	10.0	11.4	10.4	11.0
235			6.8		8.4	9.4	9.0	10.8	9.8	10.4
240					7.4	8.2	8.0	9.8	8.8	10.0
245					6.4		7.2	8.6	7.8	9.4
250					5.4		6.2	7.6	7.0	9.0
255					4.6		5.4	6.6	6.0	8.4
260							4.6		5.2	7.4
265							3.8		4.4	6.4
270									3.6	5.4
275										4.4
280										

GMK7550

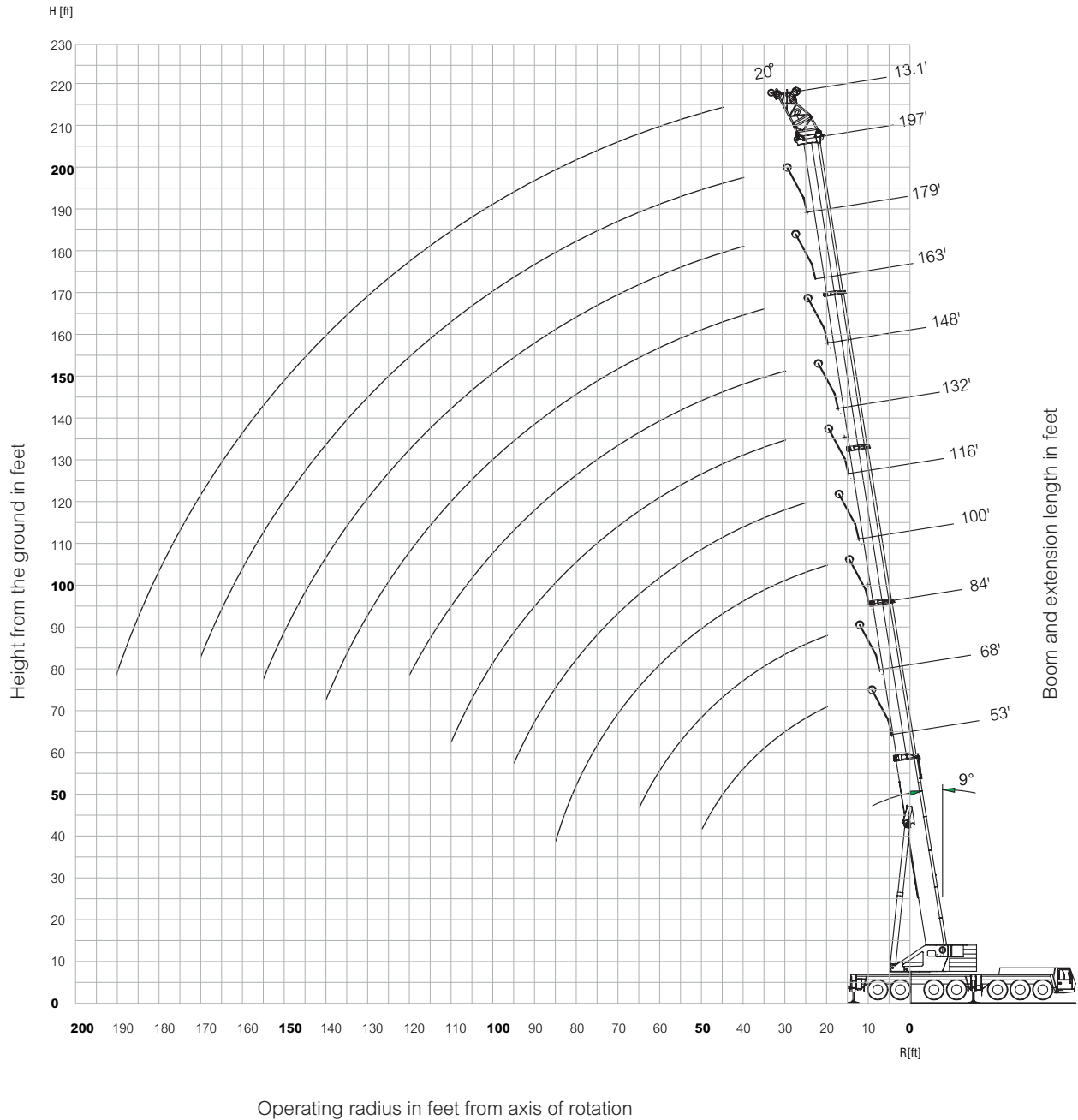
GROVE

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working range

Heavy duty jib - 13 ft.

31



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GROVE

load charts

32



53-197 ft



13.1 ft



264,500 lbs.



100%
29' 2" Spread

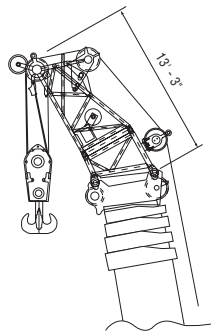


360°



Pounds (thousands)

Ft	52.6	68.4	84.3	100.1	115.9	131.7	147.6	163.4	179.2	196.9
20	190.0	190.0	190.0							
25	190.0	190.0	190.0	190.0						
30	190.0	190.0	190.0	190.0	190.0	190.0				
35	190.0	190.0	190.0	190.0	190.0	182.0	166.0			
40	190.0	190.0	190.0	190.0	181.0	167.0	153.0	138.0	120.0	
45	190.0	190.0	190.0	185.0	164.0	151.0	140.0	129.0	116.0	104.0
50	190.0	190.0	187.0	170.0	151.0	140.0	130.0	121.0	109.0	99.0
55		171.0	169.0	156.0	138.0	129.0	120.0	113.0	102.0	94.0
60		154.0	151.0	143.0	128.0	118.0	110.0	105.0	96.0	89.0
65		138.0	135.0	132.0	119.0	109.0	102.0	98.0	91.0	84.0
70			120.0	121.0	110.0	102.0	95.0	91.0	85.0	79.0
75			107.0	108.0	103.0	95.0	88.0	85.0	80.0	74.0
80			96.0	97.0	97.0	88.0	82.0	79.0	75.0	71.0
85			86.0	88.0	88.0	83.0	77.0	74.0	71.0	67.0
90				79.0	80.0	78.0	73.0	70.0	67.0	63.0
95				72.0	73.0	74.0	68.0	66.0	63.0	60.0
100					66.0	68.0	64.0	62.0	60.0	56.0
105					60.0	62.0	61.0	58.0	57.0	53.0
110					55.0	57.0	58.0	55.0	54.0	49.0
115						52.0	54.0	52.0	51.0	47.0
120						48.0	50.0	49.0	48.0	45.0
125							46.0	47.0	45.0	42.6
130							42.2	45.0	43.4	40.4
135							39.0	41.2	41.4	38.2
140							36.0	38.2	39.4	36.2
145								35.4	37.4	34.4
150								32.8	34.8	32.8
155								30.4	32.4	31.0
160									30.2	29.2
165									28.0	27.4
170									26.2	25.6
175										24.4
180										22.6
185										21.0
190										19.4



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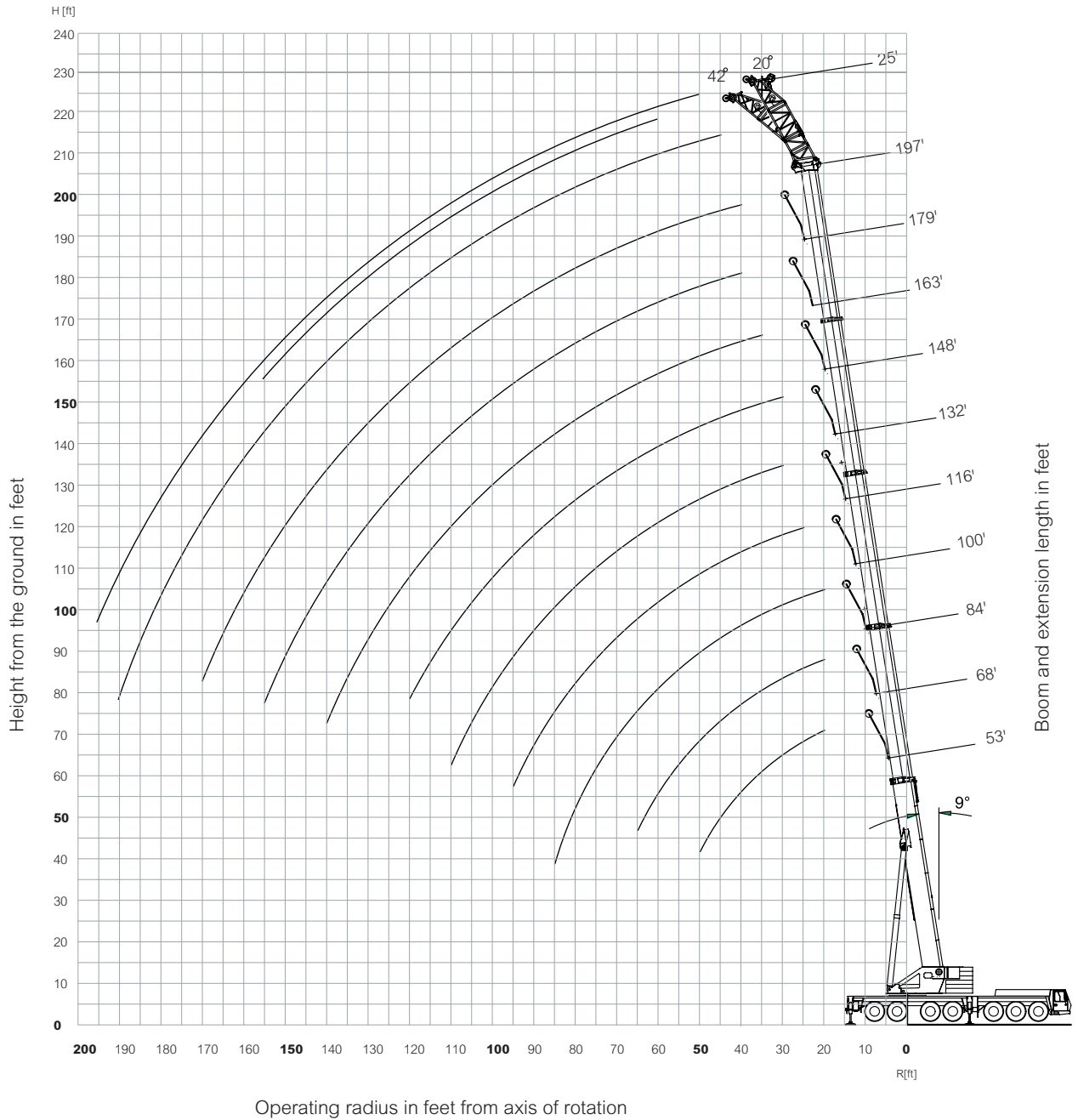
GROVE

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working range

Heavy duty jib - 24 ft.

33



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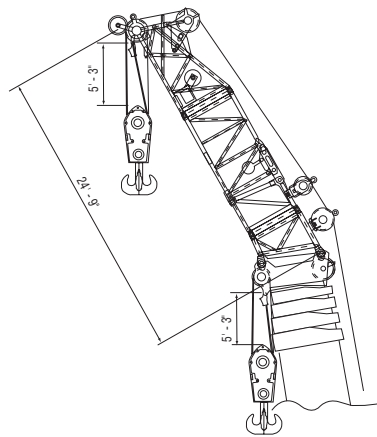
GROVE

load charts

34



Ft	52.6		68.4		84.3		100.1		115.9		131.7		147.6		163.4		179.2		196.9		
	20°	42°	20°	42°	20°	42°	20°	42°	20°	42°	20°	42°	20°	42°	20°	42°	20°	42°	20°	42°	
20	118.0		122.0																		
25	107.0	94.0	113.0	97.0	117.0																
30	100.0	89.0	106.0	93.0	110.0	95.0	114.0	96.0	115.0												
35	93.0	85.0	100.0	89.0	104.0	91.0	108.0	93.0	110.0	94.0	111.0										
40	88.0	81.0	94.0	85.0	99.0	88.0	103.0	90.0	105.0	91.0	107.0	92.0	106.0	92.0	104.0						
45	84.0	79.0	89.0	83.0	95.0	85.0	99.0	88.0	101.0	89.0	103.0	90.0	103.0	90.0	101.0		97.0				
50	79.0	77.0	85.0	80.0	91.0	83.0	95.0	85.0	98.0	87.0	100.0	88.0	100.0	87.0	99.0	87.0	95.0	84.0		88.0	
55	76.0		82.0	78.0	87.0	81.0	91.0	83.0	94.0	85.0	96.0	86.0	97.0	86.0	95.0	85.0	91.0	83.0		84.0	
60	75.0		79.0	77.0	83.0	79.0	88.0	81.0	91.0	83.0	93.0	84.0	94.0	84.0	91.0	83.0	87.0	82.0		80.0	78.0
65	74.0		76.0	76.0	81.0	78.0	85.0	80.0	88.0	81.0	91.0	82.0	92.0	83.0	87.0	82.0	83.0	80.0		76.0	75.0
70			75.0		79.0	77.0	82.0	78.0	86.0	80.0	88.0	81.0	87.0	80.0	83.0	80.0	78.0	76.0		72.0	72.0
75			75.0		76.0	76.0	80.0	78.0	83.0	79.0	85.0	80.0	82.0	78.0	79.0	78.0	73.0	72.0		68.0	68.0
80					74.0		78.0	77.0	80.0	77.0	81.0	77.0	78.0	75.0	75.0	74.0	69.0	69.0		65.0	65.0
85					74.0		76.0	76.0	78.0	75.0	77.0	74.0	73.0	73.0	70.0	70.0	66.0	65.0		61.0	61.0
90					74.0		74.0	76.0	75.0	73.0	73.0	72.0	69.0	69.0	66.0	66.0	62.0	62.0		58.0	58.0
95							73.0		72.0	71.0	69.0	69.0	65.0	65.0	62.0	63.0	58.0	59.0		54.0	55.0
100							68.0		68.0		65.0	66.0	61.0	61.0	59.0	60.0	55.0	55.0		52.0	52.0
105							62.0		62.0		62.0	62.0	57.0	57.0	56.0	56.0	53.0	53.0		49.0	49.0
110							56.0		57.0		58.0	59.0	53.0	54.0	52.0	53.0	50.0	50.0		47.0	47.0
115									52.0		54.0		51.0	51.0	49.0	50.0	48.0	48.0		44.0	45.0
120									48.0		49.0		48.0	49.0	47.0	47.0	45.0	45.0		42.0	42.4
125											45.0		46.0		44.0	45.0	42.8	43.0		40.0	40.4
130											41.4		42.8		42.2	42.4	40.4	40.8		38.2	38.6
135											38.0		39.4		40.2	40.2	38.4	39.0		36.2	36.6
140													36.4		38.0		36.4	37.2		34.4	34.8
145													33.4		35.4		34.4			32.6	32.8
150													30.6		32.8		32.4			30.8	31.0
155															30.2		30.4			29.2	29.4
160																27.8		28.4		27.6	
165																		27.0		26.2	
170																		25.2		24.6	
175																		23.4		23.0	
180																		21.6		21.4	
185																				19.8	
190																				18.2	
195																				16.8	



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GROVE

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