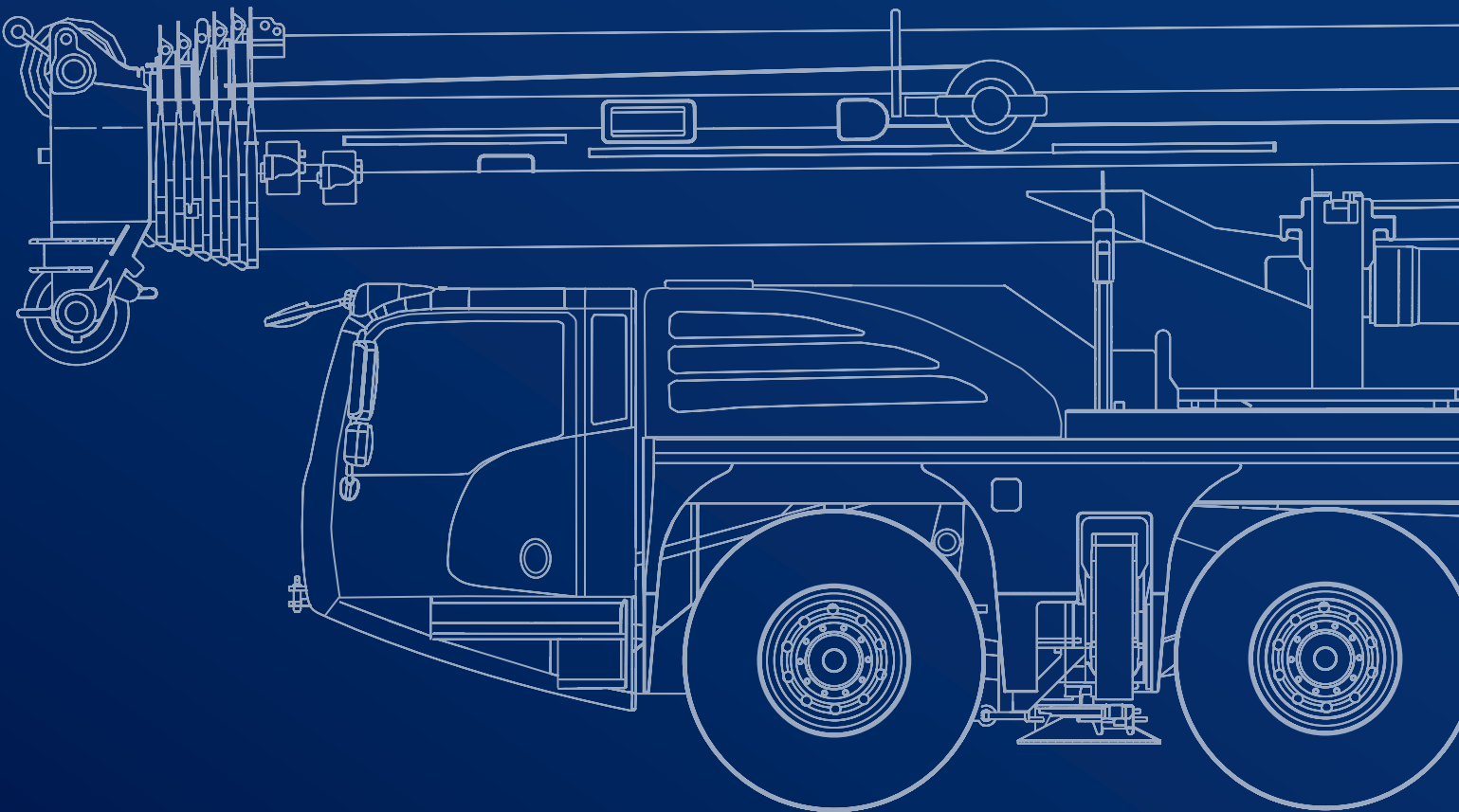


# **AC 5.160-1**

**180 US TON MAX. CRANE CAPACITY**



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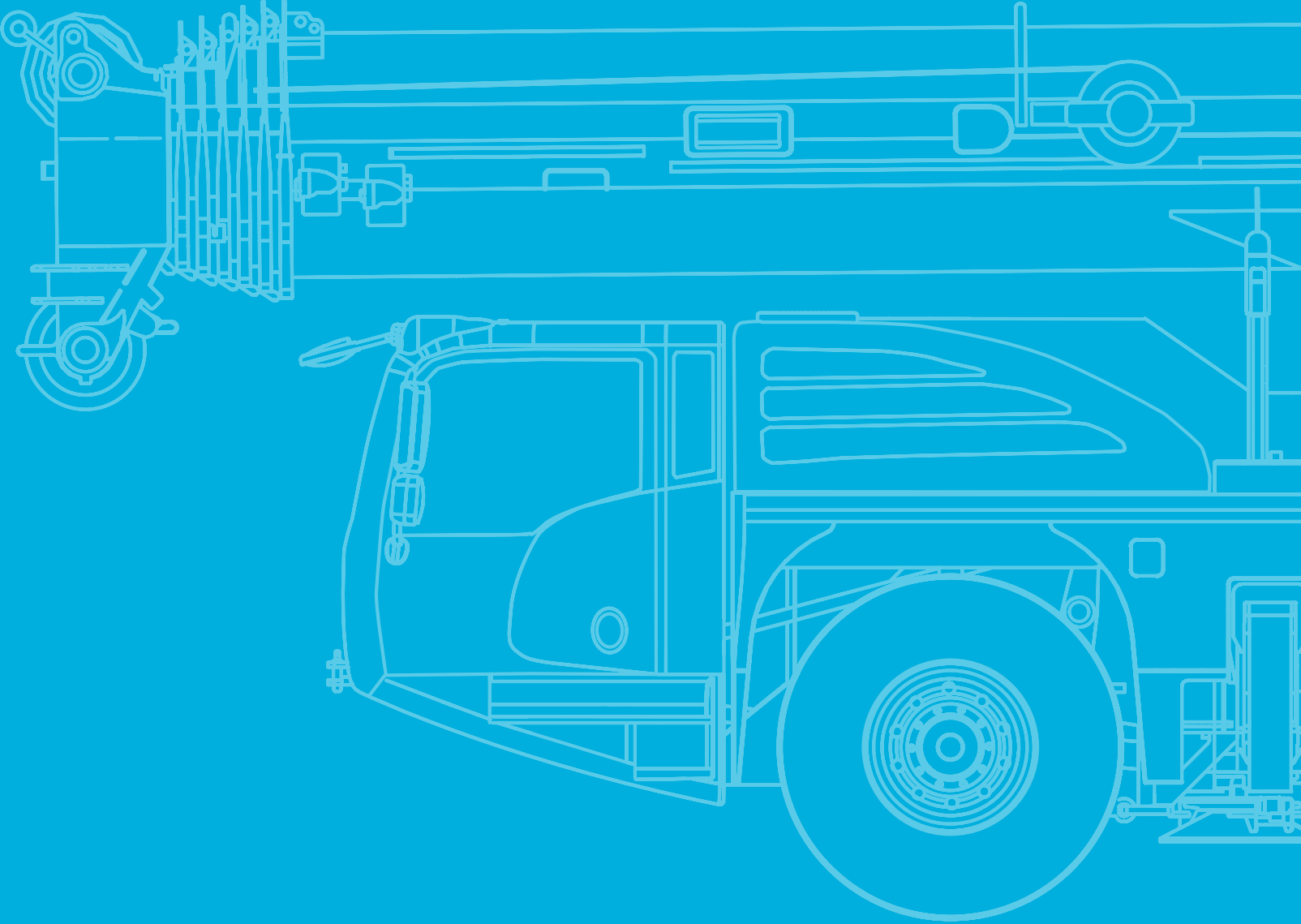
# Key



	Counterweight		Dolly
	Lifting capacities on outriggers · 360°		Working speeds
	Radius		Slewing
	Main boom		Max. line pull
	Folding swing-away jib		Rope diameter
	Runner		Rope length
	Max. axle loads		Hook block
	Mechanism		Number of lines
	Tires		Possible load of hook block
	Hook block		Weight of hook block
	Hoist		Distance head sheave axle – hook ground
	Travel speed		Number of sheaves in hook block
	Gradeability %		Max. outrigger load
	Off road / On road		Length of stroke (support cylinders)
	Boom telescoping		Payload incl. rear storage box
	Boom elevation		

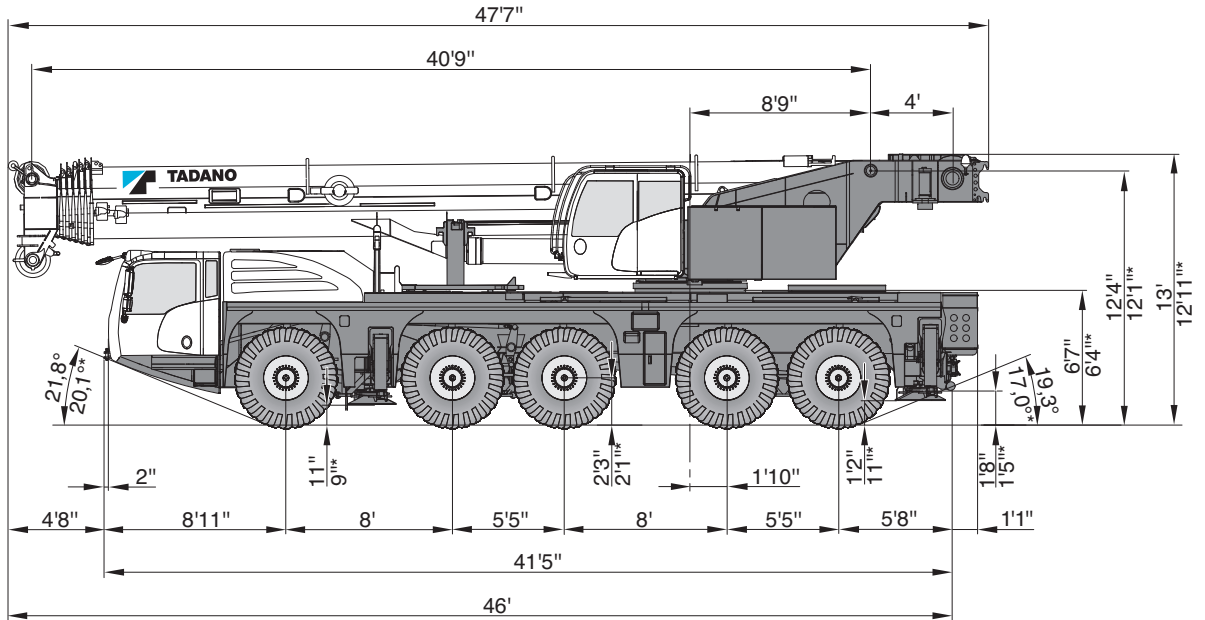


# GENERAL TECHNICAL DATA



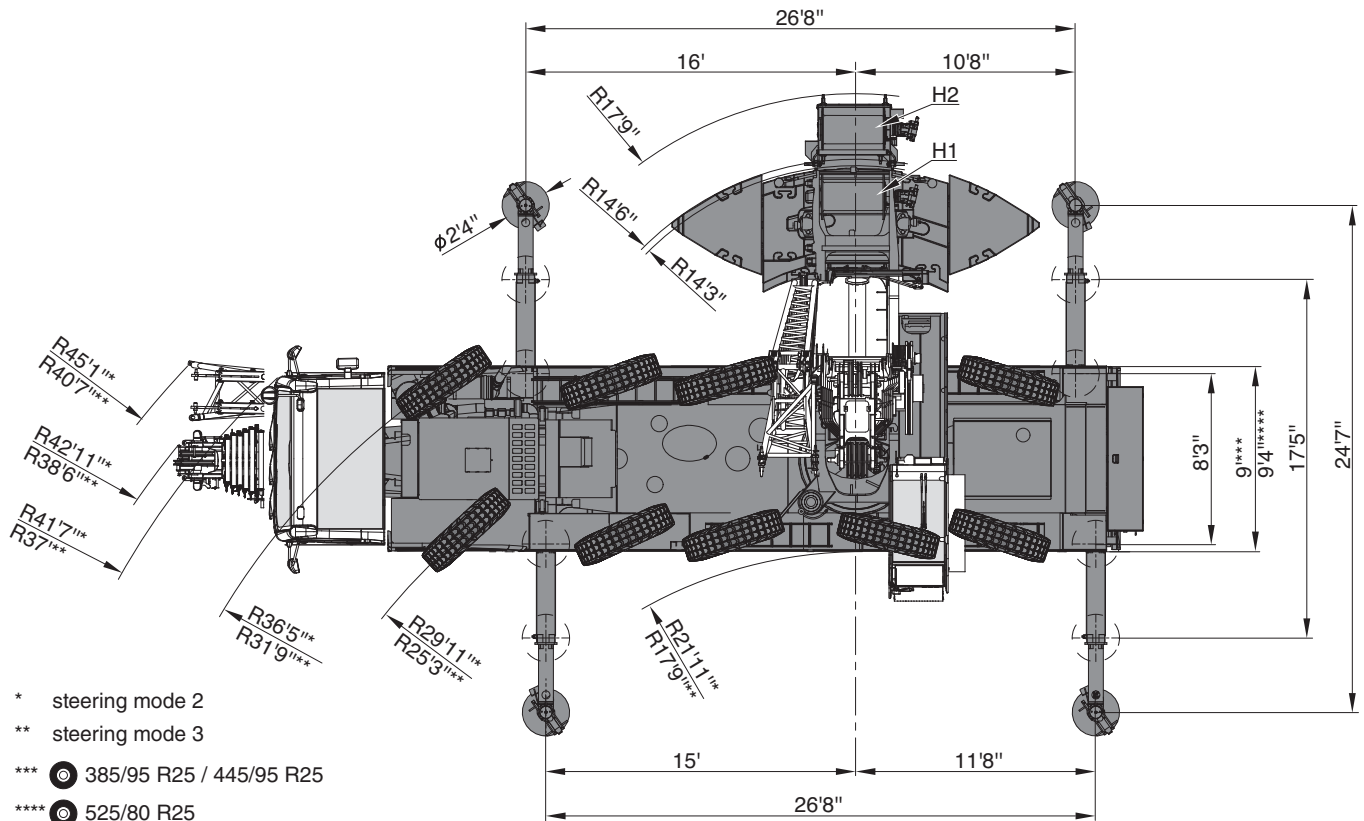
# General

## Vehicle dimensions



⊙ 445/95 R25 / 525/80 R25

\* ⊙ 385/95 R25



\* steering mode 2

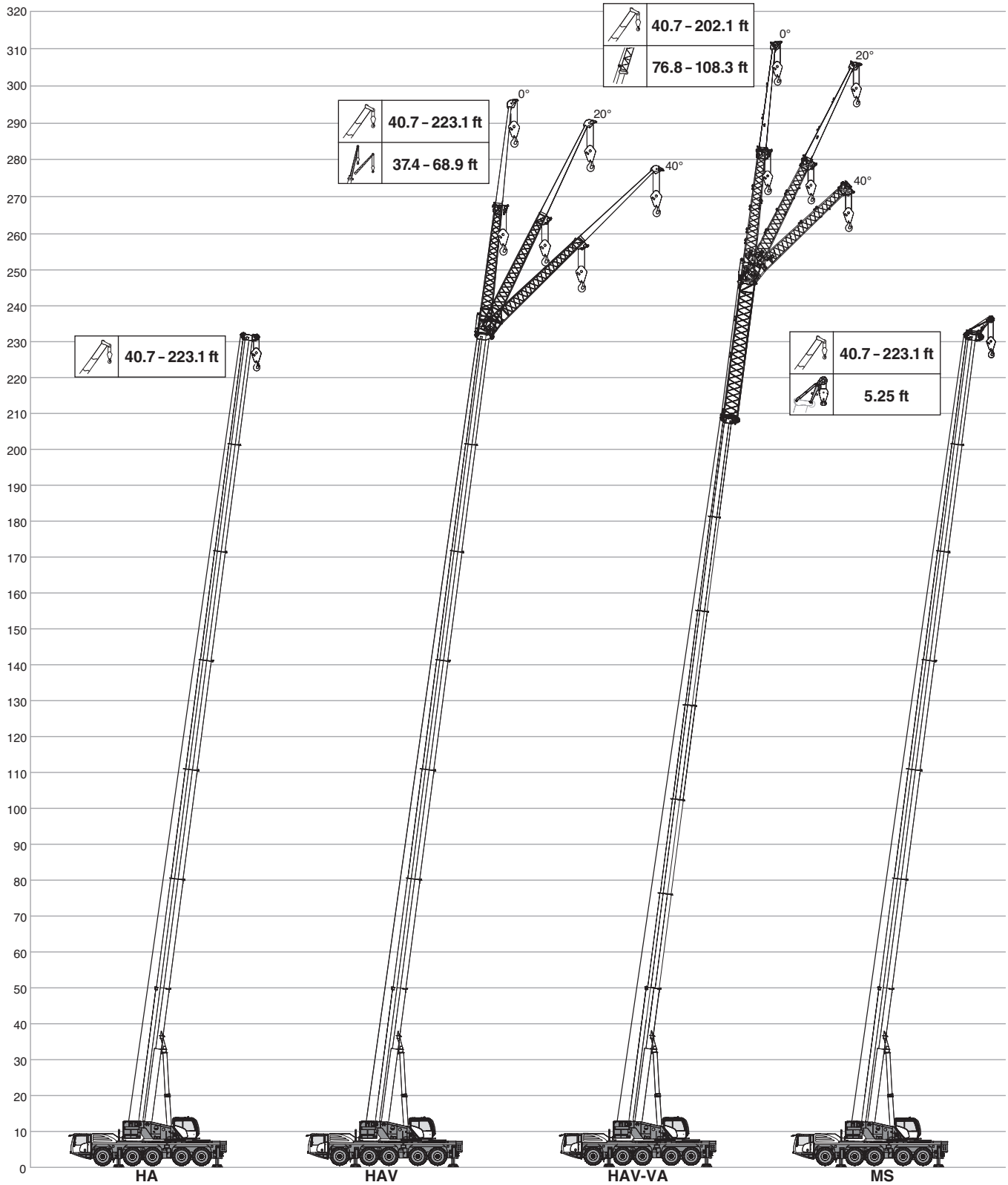
\*\* steering mode 3

\*\*\* ⊙ 385/95 R25 / 445/95 R25

\*\*\*\* ⊙ 525/80 R25

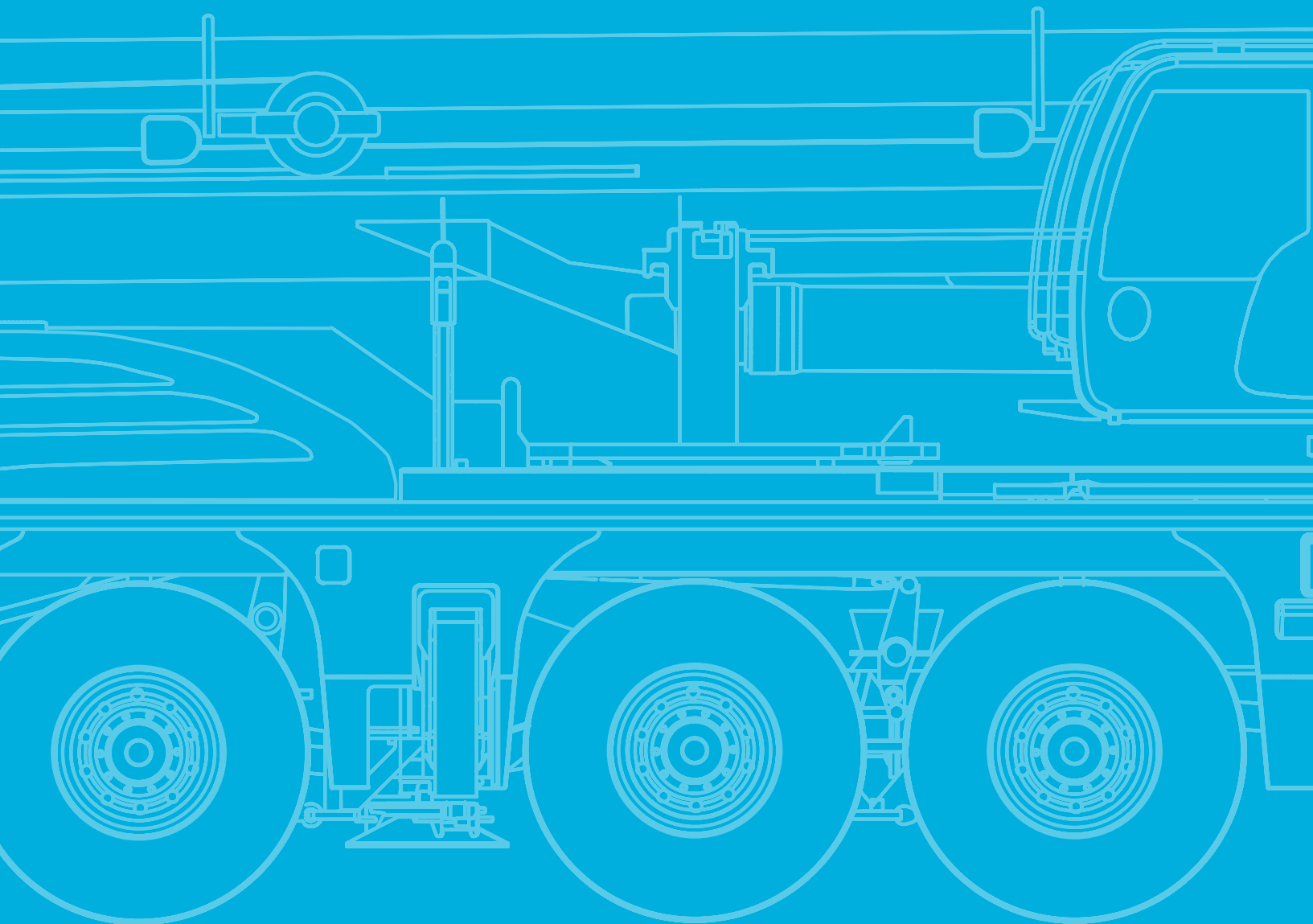
# General

## Boom combinations


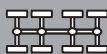















# TECHNICAL DATA FOR ON-ROAD AND OFF-ROAD DRIVING









# On-road and off-road driving

Axle loads									
	Total								
< 20,000 lbs	On request!								X
< 18,100 lbs	< 83,800 lbs	10 x 6 x 10	385/95R25	–	–	8,200 lbs	–	–	–
< 26,500 lbs	< 132,300 lbs	10 x 8 x 10	445/95R25	223.1 ft	176,400 lbs	13,900 lbs	–	1,320 lbs	–
< 26,500 lbs	< 132,300 lbs	10 x 8 x 10	445/95R25	223.1 ft	176,400 lbs	8,200 lbs	68.9 ft	1,430 lbs	–
< 36,400 lbs	< 180,800 lbs	10 x 8 x 10	445/95R25	223.1 ft	176,400 lbs	56,000 lbs	68.9 ft	1,980 lbs	–

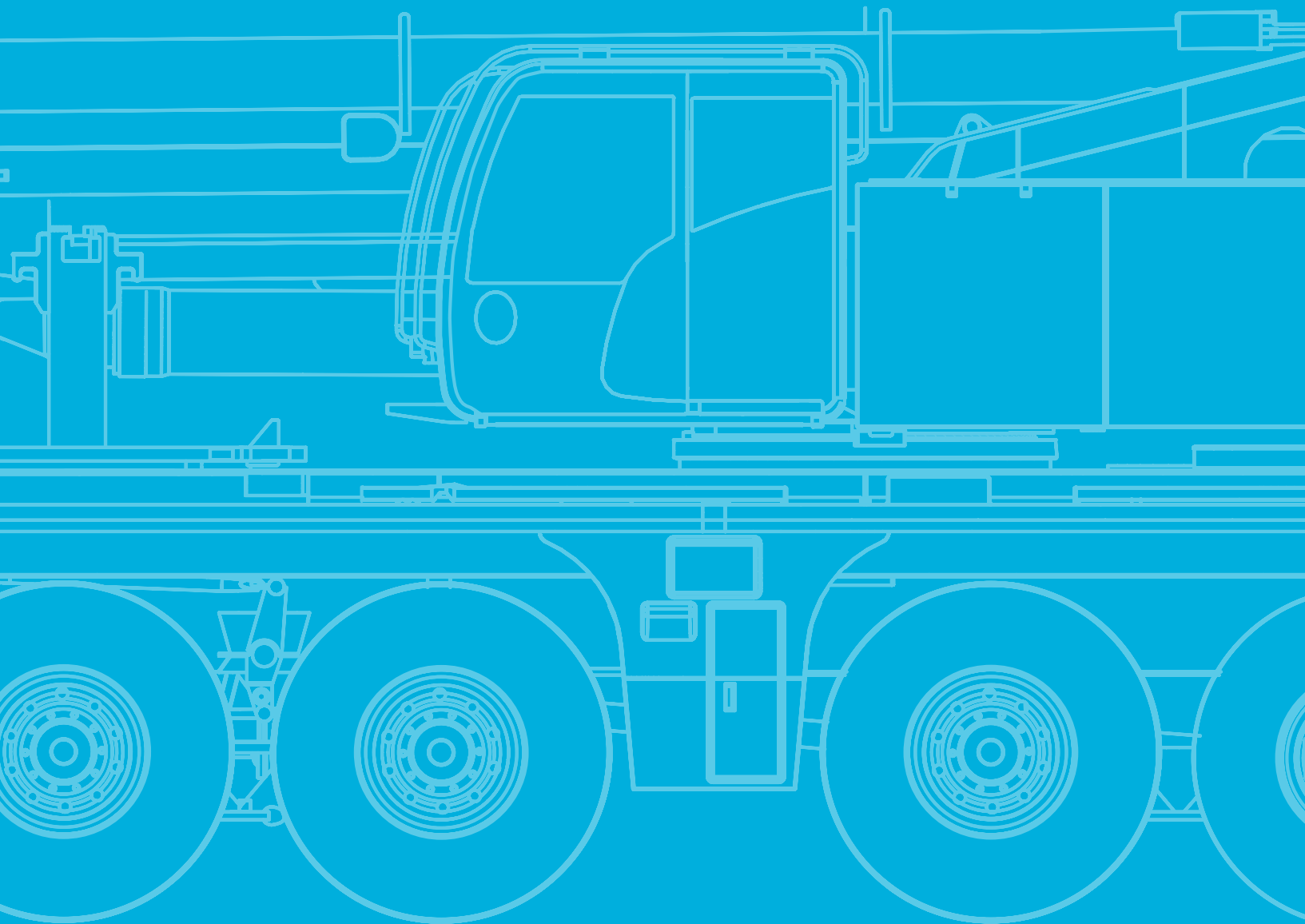
Speeds and gradeability			
	385/95 R 25 14.00 R 25	445/95 R 25 16.00 R 25	525/80 R 25 20.50 R 25
 %	48 %	43 %	43 %
 %	62 %	55 %	55 %
	52.8 mph <sup>1)</sup>		

<sup>1)</sup> Depending on tire type, size and country specific legislation

Steering	
	1 Highway > 28 mph
	2 City < 28 mph
	3 Minimum turning radius
	4* Off-wall
	5* Crab steer mode
	6* All wheel steering

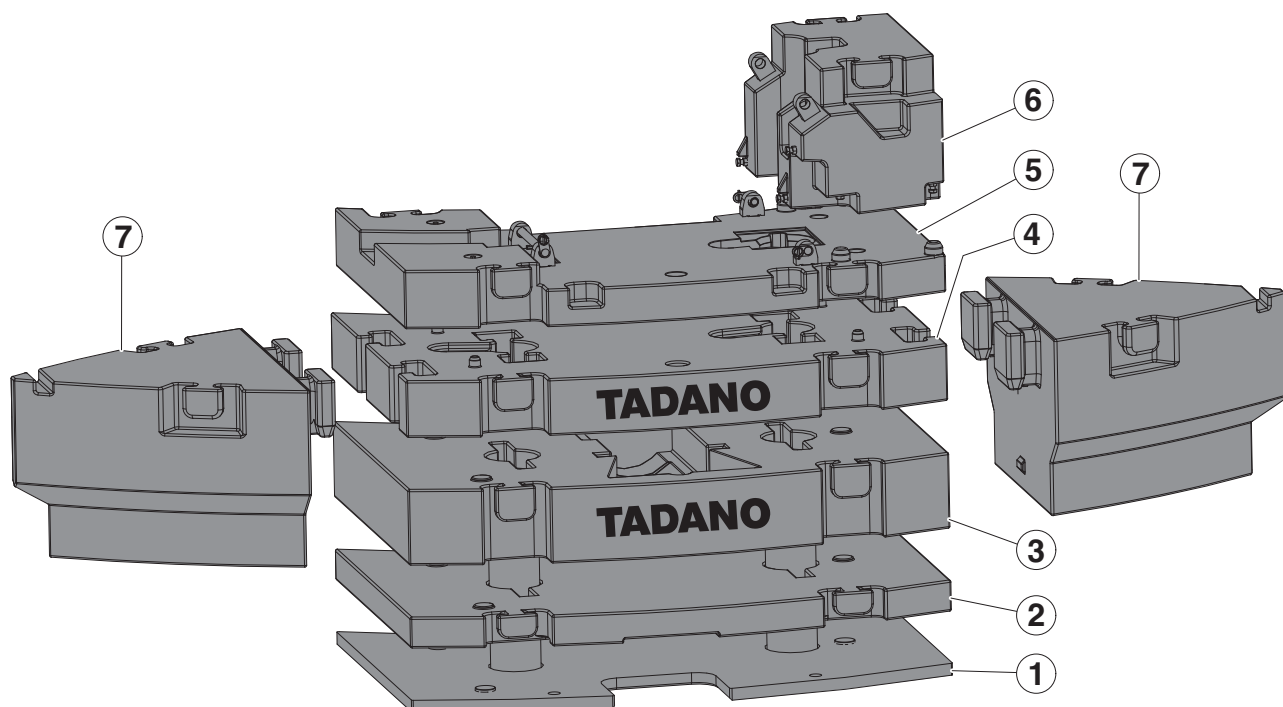
\* must be activated

# TECHNICAL DATA FOR TRANSPORT



# Transportation

## Counterweight



## Configurations

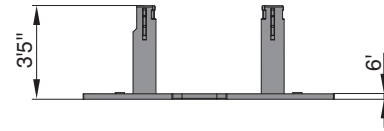
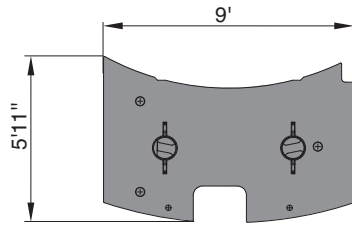
lbs	5,700	8,200	13,900	15,200	19,400	23,400	25,100	34,600	36,600	44,800	52,500	56,000	60,600	63,700	71,900	82,000	90,200	93,300	101,400
① 5,700 lbs	1		1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1
② 9,500 lbs				1		1		1	1	1	1	1	1	1	1	1	1	1	1
③ 21,400 lbs									1	1	1	1	1	1	1	1	1	1	1
④ 15,900 lbs											1		1	1	1	1	1	1	1
⑤ 11,250 lbs					1		1	1				1		1	1			1	1
⑥ 8,200 lbs		1	1		1	1	1	1		1		1	1		1		1		1
⑦ 14,800 lbs																1	1	1	1
⑦ 14,800 lbs																1	1	1	1



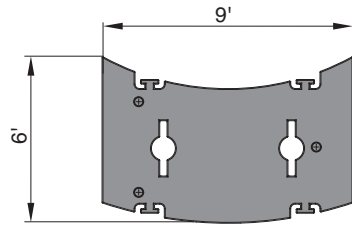
# Transportation

## Counterweight

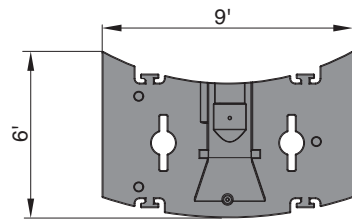
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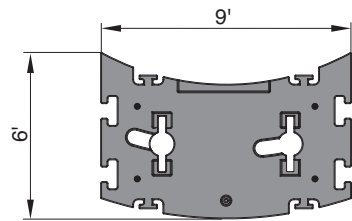
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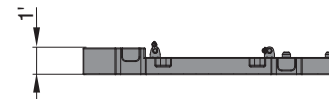
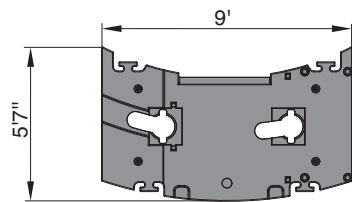
③



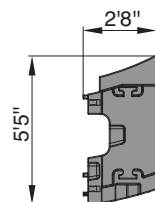
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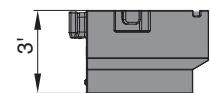
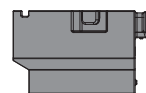
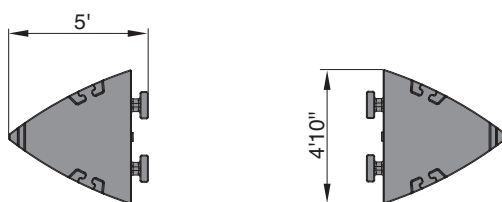
⑤



⑥



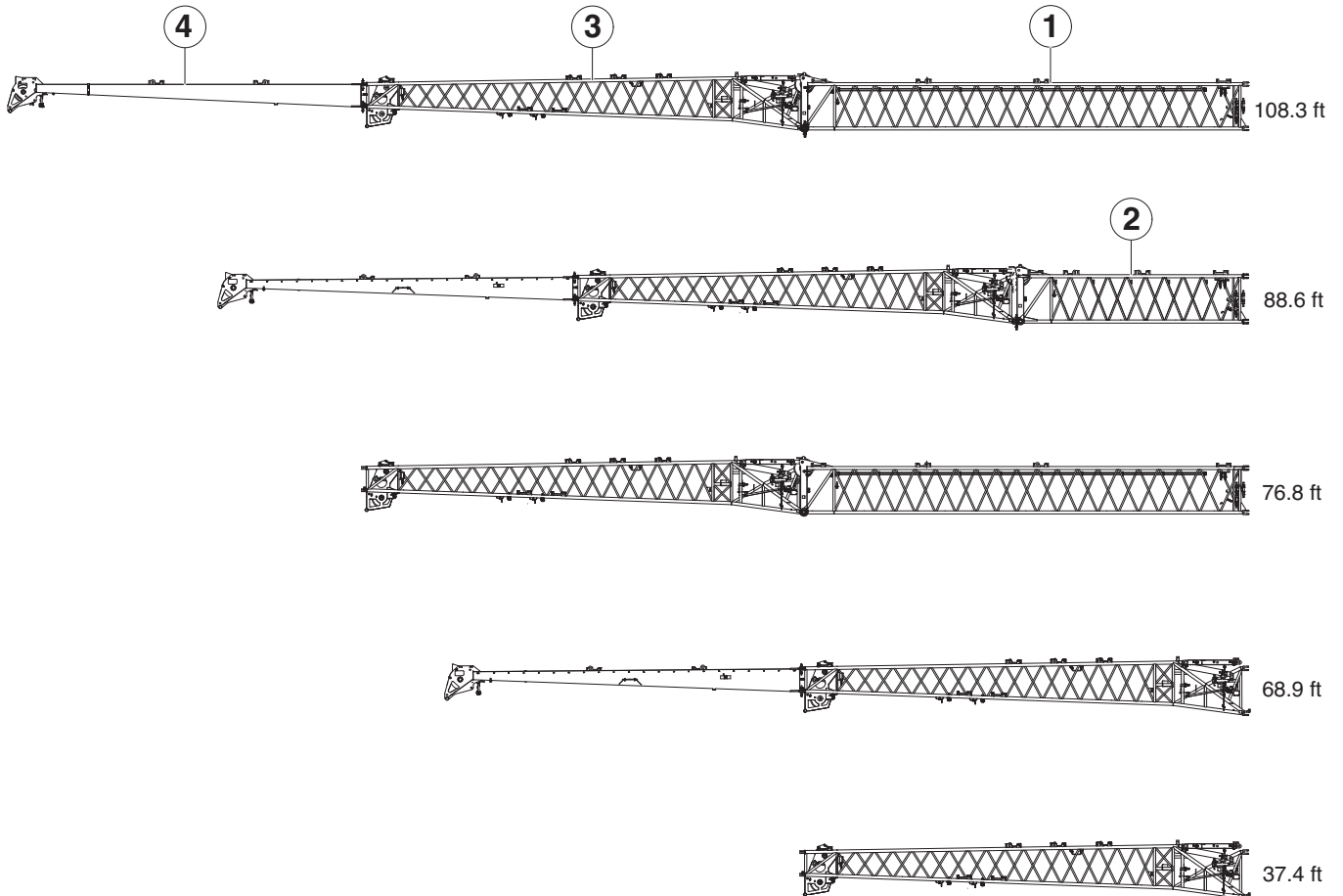
⑦



# Transportation

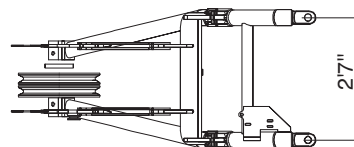
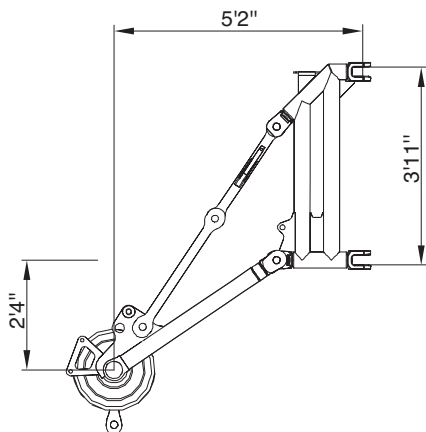
Jib

HAV / HAV-VA



MS

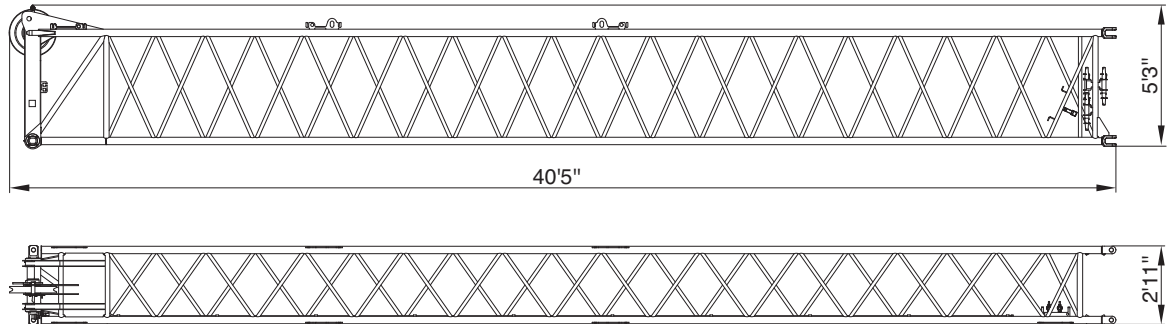
lbs  
1,000



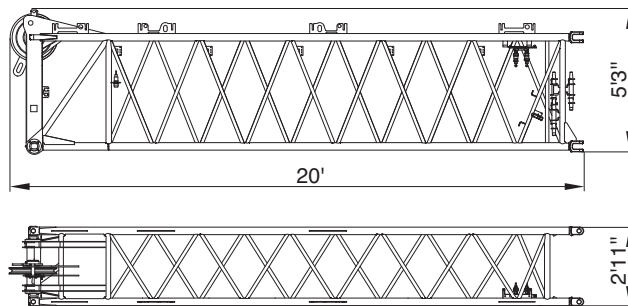
# Transportation


## Jib

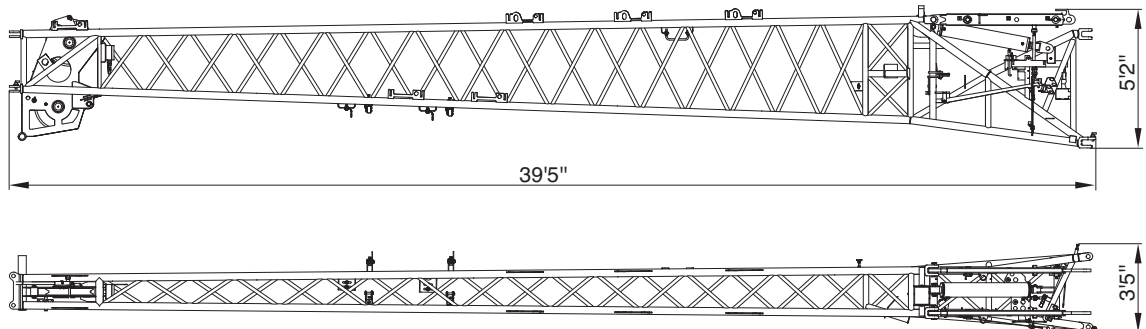
1  2,540



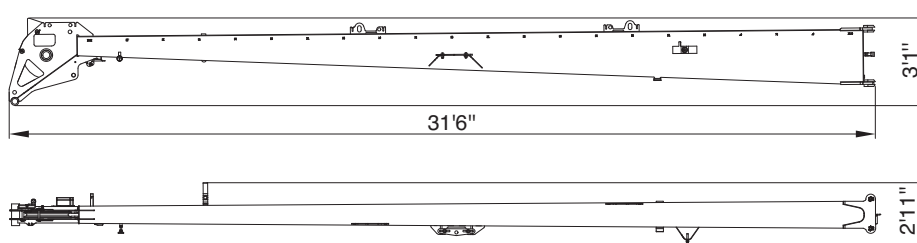
2  1,100



3  3,000 / 3,300 (HY)

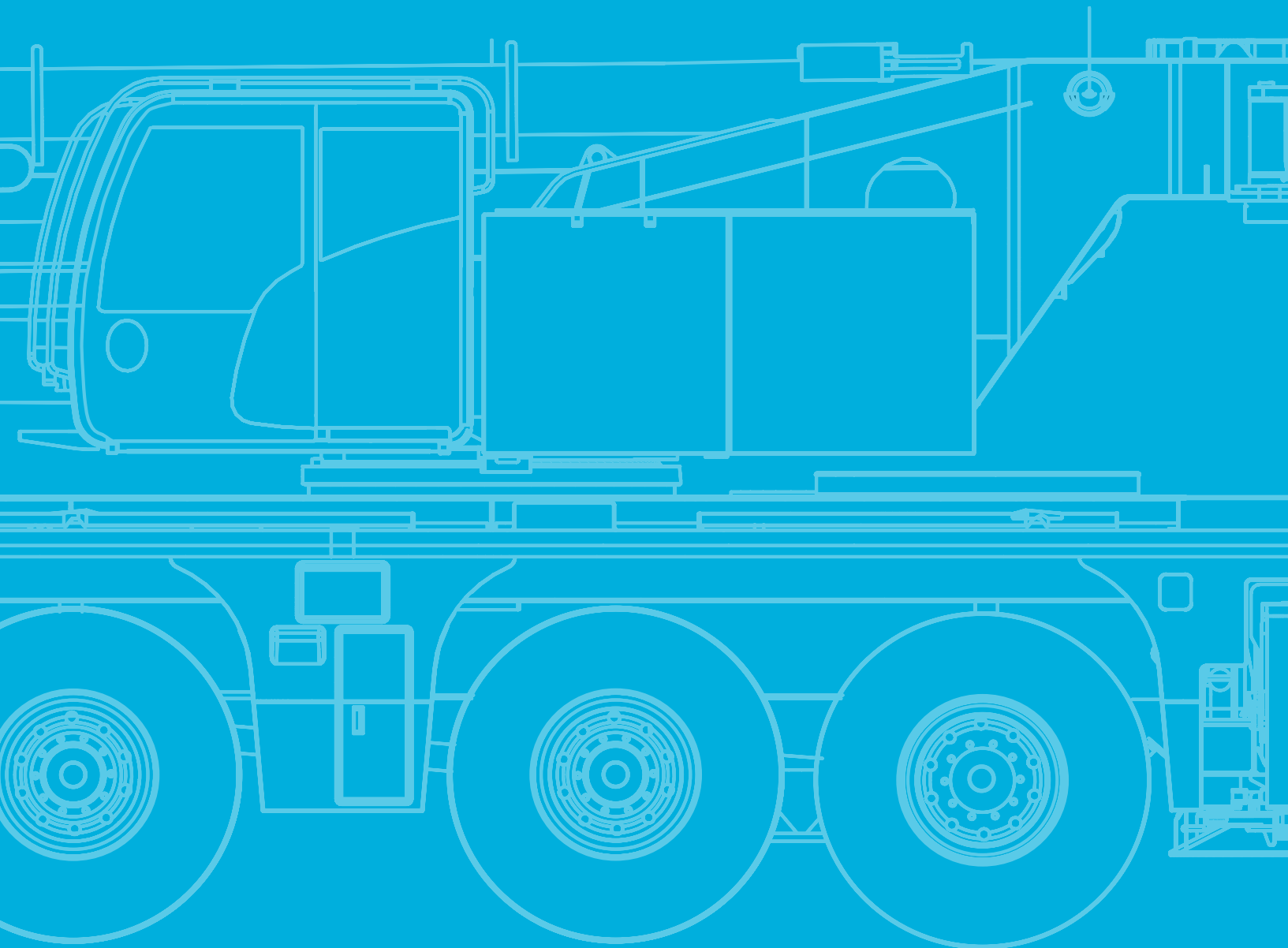


4  1,540





# TECHNICAL DATA FOR OPERATION





# Operation

## Main boom



approx. 516 s (40.7 - 223.1 ft)



approx. 33 s (-1,5° – 82°)

## Slewing



1,75 min<sup>-1</sup>

## Hoist



394 ft/min

22,076 lbf

0.83 in

1083 ft



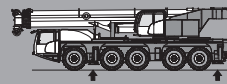
394 ft/min

22,076 lbf

0.83 in

1083 ft

## Outrigger cylinders



163,200 lbs

183,000 lbs



19.7 in

23 in

## Hook Blocks



26,500 lbs

21,800 lbs

–

1

770 lbs

6.6 ft

70,600 lbs

64,800 lbs

1

3

1,390 lbs

8.9 ft

176,400 lbs

148,400 lbs

3

7

1,870 lbs

9.8 ft

275,600 lbs

209,000 lbs

5

10

2,490 lbs

9.8 ft

352,800 lbs

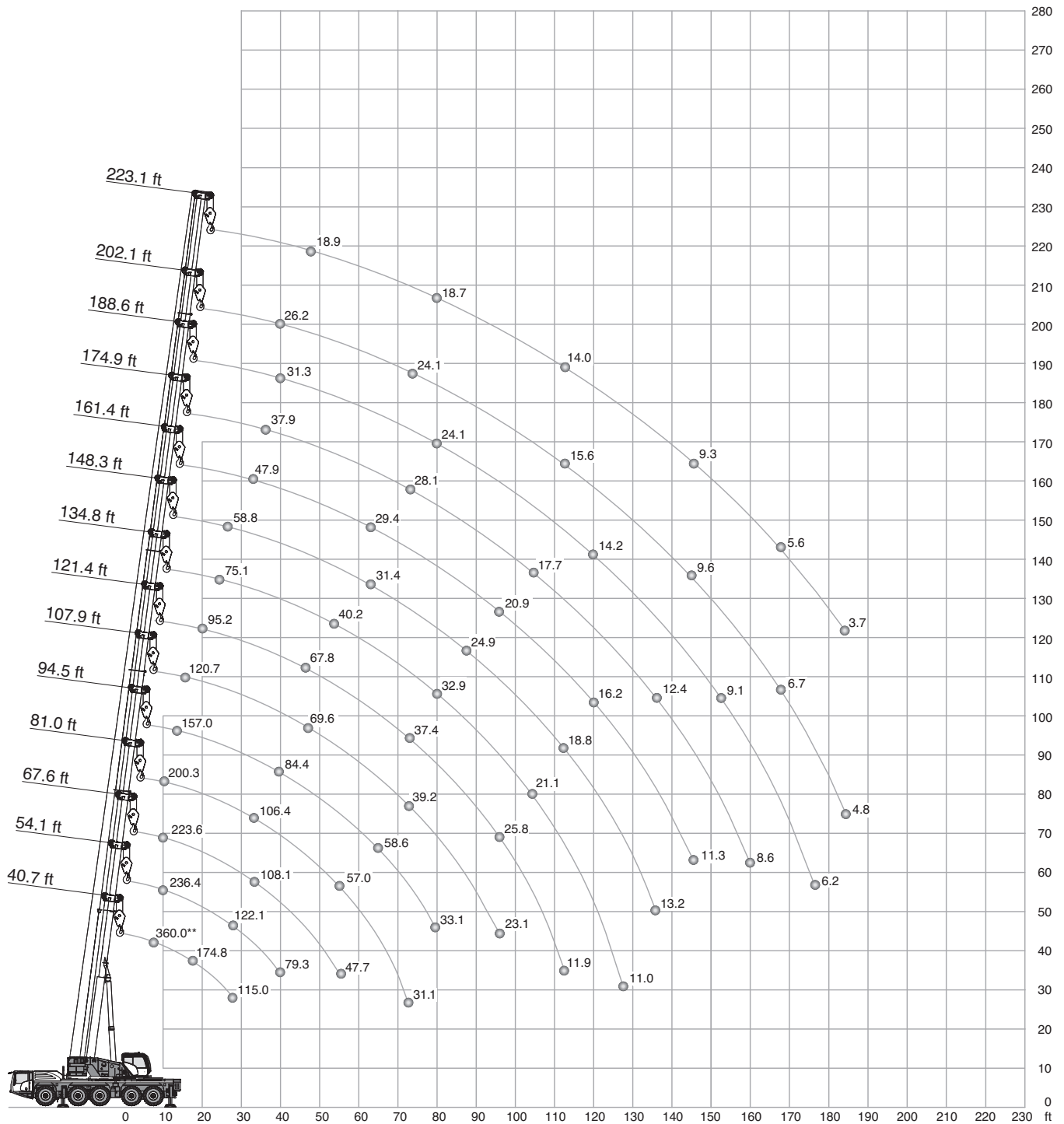
248,300 lbs

7

12

3,660 lbs

9.8 ft



\*\* Max. crane capacity – with additional special equipment



# Operation

HA

101,400 lbs		26.70 ft x 24.60 ft										360°			ASME B30.5			
40.7*		40.7	54.1	67.6	81.0	94.5	107.9	(ft)		121.4	134.8	148.3	161.4	174.9	188.6	202.1	223.1	
ft	1,000 lbs																	ft
8	360.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
10	243.0	243.0	236.4	223.6	200.3	-	-	-	-	-	-	-	-	-	-	-	-	10
12	222.1	222.0	215.4	207.8	196.5	157.0	-	-	-	-	-	-	-	-	-	-	-	12
14	204.1	202.7	197.8	192.5	184.0	157.0	-	-	-	-	-	-	-	-	-	-	-	14
16	188.3	185.4	182.8	177.6	172.6	157.0	120.7	-	-	-	-	-	-	-	-	-	-	16
18	174.8	171.3	170.4	165.5	161.2	151.9	120.4	-	-	-	-	-	-	-	-	-	-	18
20	162.0	158.1	158.6	154.2	150.0	145.5	119.9	95.2	-	-	-	-	-	-	-	-	-	20
24	139.1	137.0	138.6	136.2	132.3	130.8	113.6	94.8	75.1	-	-	-	-	-	-	-	-	24
28	115.0	115.0	122.1	121.7	118.0	116.8	106.2	92.3	72.4	58.8	-	-	-	-	-	-	-	28
32	-	-	108.1	108.1	106.4	105.5	98.0	88.9	68.5	57.5	47.9	-	-	-	-	-	-	32
36	-	-	95.8	95.7	95.0	95.0	92.0	83.8	64.4	55.3	46.7	37.9	-	-	-	-	-	36
40	-	-	79.3	84.2	85.7	84.8	85.5	78.4	60.2	52.7	45.4	37.7	31.3	26.2	-	-	-	40
48	-	-	-	69.3	69.1	68.5	69.6	67.8	52.1	46.8	41.7	36.9	31.0	25.8	18.9	-	-	48
56	-	-	-	47.7	57.0	58.6	57.6	56.0	44.8	41.1	37.5	34.4	30.2	25.8	18.7	-	-	56
64	-	-	-	-	47.4	48.7	47.4	45.7	40.2	35.9	33.2	31.3	28.5	25.3	18.7	-	-	64
72	-	-	-	-	31.1	40.5	39.2	37.4	36.7	31.4	29.4	28.1	26.5	24.1	18.7	-	-	72
80	-	-	-	-	-	33.1	33.2	31.6	32.9	27.7	26.0	24.9	24.1	22.5	18.7	-	-	80
88	-	-	-	-	-	-	28.5	28.9	28.2	24.9	23.1	22.1	21.7	20.8	17.9	-	-	88
96	-	-	-	-	-	-	23.1	25.8	24.3	23.1	20.9	19.8	19.4	19.0	16.9	-	-	96
104	-	-	-	-	-	-	-	22.6	21.1	21.4	19.0	17.7	17.4	17.2	15.6	-	-	104
112	-	-	-	-	-	-	-	11.9	18.5	18.8	17.4	16.0	15.6	15.6	14.0	-	-	112
120	-	-	-	-	-	-	-	-	17.0	16.5	16.2	14.7	14.2	14.2	12.7	-	-	120
128	-	-	-	-	-	-	-	-	11.0	14.4	14.6	13.7	13.0	12.8	11.5	-	-	128
136	-	-	-	-	-	-	-	-	-	13.2	12.9	12.4	11.9	11.2	10.4	-	-	136
144	-	-	-	-	-	-	-	-	-	-	11.3	11.1	10.4	9.6	9.3	-	-	144
152	-	-	-	-	-	-	-	-	-	-	-	9.6	9.1	8.7	8.0	-	-	152
160	-	-	-	-	-	-	-	-	-	-	-	8.6	7.8	7.8	6.7	-	-	160
168	-	-	-	-	-	-	-	-	-	-	-	-	6.7	6.7	5.6	-	-	168
176	-	-	-	-	-	-	-	-	-	-	-	-	6.2	5.7	4.6	-	-	176
184	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	3.7	-	-	184
1)	45.0	45.0	32.8	25.6	20.3	16.5	13.2	10.6	7.9	6.0	4.9	2.9	-	-	-	-	-	1)





1) Capacities with horizontal boom




\* over rear

\*\* Max. crane capacity – with additional special equipment

# Operation

HA

		71,900 lbs		 26.70 ft x 24.60 ft		360° / Max.*		ASME B30.5								
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	
ft	ft	40.7ft	40.7ft	54.1ft	54.1ft	67.6ft	67.6ft	81.0ft	81.0ft	94.5ft	94.5ft	107.9ft	107.9ft	121.4ft	121.4ft	ft
<b>1,000 lbs</b>																
10	242.9	243.0	236.4	236.4	223.6	223.6	200.3	200.3	-	-	-	-	-	-	-	10
12	220.6	222.0	215.4	215.4	207.8	207.8	196.5	196.5	157.0	157.0	-	-	-	-	-	12
14	200.9	202.7	197.8	197.8	192.5	192.5	184.0	184.0	157.0	157.0	-	-	-	-	-	14
16	183.6	185.4	182.8	182.8	177.6	177.7	172.6	172.6	157.0	157.0	120.7	120.7	-	-	-	16
18	169.5	171.3	169.9	170.4	165.5	165.5	161.2	161.2	151.9	151.9	120.4	120.4	-	-	-	18
20	156.4	158.1	157.7	158.6	154.2	154.2	150.0	150.0	145.5	145.5	119.9	119.9	95.2	95.2	-	20
24	134.9	136.3	136.4	137.9	135.4	135.8	132.3	132.3	130.8	130.8	113.6	113.6	94.8	94.8	24	24
28	113.3	114.1	116.8	117.5	117.0	117.4	116.3	116.3	116.1	116.1	106.2	106.2	92.3	92.3	28	28
32	-	-	101.1	101.1	100.4	100.4	101.9	101.9	100.9	100.9	98.0	98.0	88.9	88.9	32	32
36	-	-	88.8	88.9	87.6	87.8	89.3	89.3	88.1	88.3	88.7	88.7	82.1	83.6	36	36
40	-	-	69.6	72.3	78.1	78.5	77.6	78.1	78.8	79.2	78.5	78.7	74.1	77.4	40	40
48	-	-	-	-	57.9	63.2	59.8	62.8	59.6	64.3	58.3	63.4	56.2	62.1	48	48
56	-	-	-	-	37.5	45.1	47.1	53.4	46.4	53.4	45.2	52.3	43.3	50.8	56	56
64	-	-	-	-	-	-	38.0	44.8	37.3	44.2	36.2	43.1	36.9	41.5	64	64
72	-	-	-	-	-	-	28.7	30.1	30.8	36.8	31.6	35.7	31.0	34.2	72	72
80	-	-	-	-	-	-	-	-	26.4	30.4	27.1	30.1	26.0	31.1	80	80
88	-	-	-	-	-	-	-	-	-	-	23.3	26.8	22.1	27.1	88	88
96	-	-	-	-	-	-	-	-	-	-	20.1	23.1	19.2	23.5	96	96
104	-	-	-	-	-	-	-	-	-	-	-	-	17.8	20.6	104	104
112	-	-	-	-	-	-	-	-	-	-	-	-	11.9	11.9	112	112
1)	45.0	45.0	32.8	32.8	25.6	25.6	20.3	20.3	16.5	16.5	13.2	13.2	10.6	10.6	1)	1)





		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	
ft	ft	134.8ft	134.8ft	148.3ft	148.3ft	161.4ft	161.4ft	174.9ft	174.9ft	188.6ft	188.6ft	202.1ft	202.1ft	223.1ft	223.1ft	ft
<b>1,000 lbs</b>																
24	75.1	75.1	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	72.4	72.4	58.8	58.8	-	-	-	-	-	-	-	-	-	-	-	28
32	68.5	68.6	57.5	57.5	47.9	47.9	-	-	-	-	-	-	-	-	-	32
36	64.4	64.4	55.3	55.3	46.7	46.7	37.9	37.9	-	-	-	-	-	-	-	36
40	60.2	60.2	52.7	52.7	45.4	45.4	37.7	37.7	31.3	31.3	26.2	26.2	-	-	-	40
48	51.7	52.1	46.8	46.8	41.7	41.7	36.9	36.9	31.0	31.0	25.8	25.8	18.9	18.9	48	48
56	43.6	44.8	40.4	41.1	37.5	37.5	34.4	34.4	30.2	30.2	25.8	25.8	18.7	18.7	56	56
64	36.0	40.2	33.6	35.9	32.4	33.2	31.3	31.3	28.5	28.5	25.3	25.3	18.7	18.7	64	64
72	29.2	35.4	29.4	31.4	27.9	29.4	27.0	28.1	26.5	26.5	24.1	24.1	18.7	18.7	72	72
80	25.0	29.9	25.1	27.5	23.5	26.0	23.6	24.9	22.9	24.1	22.4	22.5	18.7	18.7	80	80
88	22.5	25.6	21.1	24.9	21.3	23.0	20.7	22.1	20.3	21.7	19.7	20.8	17.9	17.9	88	88
96	19.6	22.1	18.8	22.5	18.2	20.6	18.0	19.7	17.3	19.4	16.6	19.0	15.9	16.9	96	96
104	16.9	19.6	16.8	19.7	15.9	18.5	15.7	17.6	14.4	17.4	14.6	17.2	13.3	15.6	104	104
112	14.7	18.4	14.4	17.1	14.2	17.3	13.3	16.0	12.7	15.6	12.2	15.5	11.1	14.0	112	112
120	13.5	16.5	12.6	15.0	12.2	15.2	11.9	14.7	11.5	14.2	10.2	13.7	9.1	12.7	120	120
128	11.0	11.0	11.3	14.0	10.6	13.3	10.6	13.1	9.7	12.6	8.6	11.8	7.5	11.5	128	128
136	-	-	10.0	13.0	9.1	11.8	9.1	11.4	8.2	10.9	7.1	10.4	6.0	10.1	136	136
144	-	-	-	-	8.4	10.8	7.8	10.0	6.9	9.5	5.8	9.5	4.7	8.4	144	144
152	-	-	-	-	-	-	6.7	9.2	5.8	8.2	4.7	8.2	3.6	7.3	152	152
160	-	-	-	-	-	-	5.7	8.3	4.8	7.2	3.6	7.2	-	6.1	160	160
168	-	-	-	-	-	-	-	-	4.0	6.6	-	6.1	-	5.0	168	168
176	-	-	-	-	-	-	-	-	3.2	6.2	-	5.2	-	4.1	176	176
184	-	-	-	-	-	-	-	-	-	-	-	4.4	-	3.4	184	184
1)	7.9	7.9	6.0	6.0	4.9	4.9	2.9	2.9	-	-	-	-	-	-	1)	1)




1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions

# Operation

HA

		56,000 lbs		 26.70 ft x 24.60 ft		360° / Max.*		ASME B30.5								
		360° 40.7ft	Max. 40.7ft	360° 54.1ft	Max. 54.1ft	360° 67.6ft	Max. 67.6ft	360° 81.0ft	Max. 81.0ft	360° 94.5ft	Max. 94.5ft	360° 107.9ft	Max. 107.9ft	360° 121.4ft	Max. 121.4ft	
ft		1,000 lbs														ft
10		242.8	243.0	236.4	236.4	223.6	223.6	200.3	200.3	-	-	-	-	-	-	10
12		219.5	222.0	215.4	215.4	207.8	207.8	196.5	196.5	157.0	157.0	-	-	-	-	12
14		199.8	202.7	197.8	197.8	192.5	192.5	184.0	184.0	157.0	157.0	-	-	-	-	14
16		182.7	185.4	182.8	182.8	177.6	177.7	172.6	172.6	157.0	157.0	120.7	120.7	-	-	16
18		168.7	171.3	169.5	170.4	165.5	165.5	161.2	161.2	151.9	151.9	120.4	120.4	-	-	18
20		155.4	157.8	156.5	158.4	154.0	154.2	150.0	150.0	145.5	145.5	119.9	119.9	95.2	95.2	20
24		130.3	132.3	132.2	134.0	132.5	133.9	130.8	130.9	130.3	130.3	113.6	113.6	94.8	94.8	24
28		110.1	110.4	111.7	111.9	111.8	111.9	113.4	113.4	112.0	112.4	102.9	106.2	92.3	92.3	28
32		-	-	96.6	96.6	96.3	96.3	97.0	97.0	93.9	95.9	91.8	96.0	84.4	88.9	32
36		-	-	80.9	84.7	81.8	85.2	81.4	85.0	81.8	85.0	79.4	85.7	73.5	81.6	36
40		-	-	58.5	68.9	67.0	74.6	69.9	74.4	69.0	75.9	67.7	75.0	63.1	73.5	40
48		-	-	-	-	51.5	60.1	51.7	60.9	51.1	61.2	49.7	60.2	47.8	58.9	48
56		-	-	-	-	30.5	43.7	40.2	51.1	39.5	50.7	38.7	49.7	39.6	48.4	56
64		-	-	-	-	-	-	32.3	43.3	31.6	42.7	32.9	41.8	31.8	40.5	64
72		-	-	-	-	-	-	26.6	29.7	27.6	36.7	27.0	35.6	25.9	34.2	72
80		-	-	-	-	-	-	-	-	23.5	30.4	22.8	30.1	22.9	31.1	80
88		-	-	-	-	-	-	-	-	-	-	19.3	26.8	19.9	27.1	88
96		-	-	-	-	-	-	-	-	-	-	17.4	23.1	16.9	23.5	96
104		-	-	-	-	-	-	-	-	-	-	-	-	14.6	20.6	104
112		-	-	-	-	-	-	-	-	-	-	-	-	11.9	11.9	112
1)		45.0	45.0	32.8	32.8	25.6	25.6	20.3	20.3	16.5	16.5	13.2	13.2	10.6	10.6	1)

		360° 134.8ft	Max. 134.8ft	360° 148.3ft	Max. 148.3ft	360° 161.4ft	Max. 161.4ft	360° 174.9ft	Max. 174.9ft	360° 188.6ft	Max. 188.6ft	360° 202.1ft	Max. 202.1ft	360° 223.1ft	Max. 223.1ft	
ft		1,000 lbs														ft
24		75.1	75.1	-	-	-	-	-	-	-	-	-	-	-	-	24
28		72.4	72.4	58.8	58.8	-	-	-	-	-	-	-	-	-	-	28
32		68.5	68.6	57.5	57.5	47.9	47.9	-	-	-	-	-	-	-	-	32
36		64.4	64.4	55.3	55.3	46.7	46.7	37.9	37.9	-	-	-	-	-	-	36
40		59.7	60.2	52.5	52.7	45.4	45.4	37.7	37.7	31.3	31.3	26.2	26.2	-	-	40
48		48.0	52.1	44.3	46.8	41.0	41.7	36.9	36.9	31.0	31.0	25.8	25.8	18.9	18.9	48
56		38.0	44.8	35.8	41.1	35.2	37.5	33.1	34.4	30.2	30.2	25.8	25.8	18.7	18.7	56
64		30.3	40.2	30.6	35.9	28.8	33.2	28.6	31.3	26.9	28.5	25.3	25.3	18.7	18.7	64
72		26.5	35.0	25.2	31.4	25.2	29.4	25.0	28.1	24.3	26.5	22.8	24.1	18.7	18.7	72
80		22.2	29.9	22.2	27.3	21.0	25.9	21.3	24.9	20.1	24.1	19.7	22.5	17.7	18.7	80
88		18.9	25.6	18.8	24.9	18.5	23.0	17.8	22.1	17.5	21.7	16.2	20.8	14.4	17.9	88
96		16.7	22.1	16.1	22.5	15.6	20.6	15.4	19.4	14.8	19.4	13.5	19.0	11.8	16.9	96
104		14.4	19.6	13.9	19.7	13.1	18.5	13.3	17.6	12.2	17.0	11.1	17.2	9.5	15.6	104
112		12.7	18.4	11.8	17.1	11.8	17.3	11.1	16.0	10.3	15.6	8.9	15.1	7.6	14.0	112
120		10.9	16.5	10.0	15.0	10.3	15.2	9.4	14.7	8.4	14.2	7.3	13.4	6.1	12.3	120
128		9.4	11.0	8.7	14.0	8.8	13.3	7.9	13.1	6.9	12.6	5.8	11.7	4.7	10.6	128
136		-	-	7.4	13.0	7.5	11.6	6.6	11.4	5.6	10.9	4.5	10.4	3.4	9.1	136
144		-	-	-	-	6.4	10.8	5.4	10.0	4.5	9.5	3.4	9.5	-	7.8	144
152		-	-	-	-	-	-	4.5	9.2	3.4	8.2	-	8.2	-	6.5	152
160		-	-	-	-	-	-	3.6	8.3	-	7.2	-	6.7	-	5.6	160
168		-	-	-	-	-	-	-	-	-	6.5	-	5.7	-	4.6	168
176		-	-	-	-	-	-	-	-	-	5.8	-	4.8	-	3.7	176
184		-	-	-	-	-	-	-	-	-	-	-	3.9	-	2.8	184
1)		7.9	7.9	6.0	6.0	4.9	4.9	2.9	2.9	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions

# Operation

HA

13,900 lbs		26.70 ft x 24.60 ft				360° / Max.*				ASME B30.5						
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.			
ft		40.7ft	40.7ft	54.1ft	54.1ft	67.6ft	67.6ft	81.0ft	81.0ft	94.5ft	94.5ft	107.9ft	107.9ft	121.4ft	121.4ft	ft
ft		1,000 lbs														ft
10	240.5	243.0	236.4	236.4	223.6	223.6	200.3	200.3	-	-	-	-	-	-	-	10
12	216.3	222.0	215.4	215.4	207.8	207.8	196.5	196.5	157.0	157.0	-	-	-	-	-	12
14	197.0	202.7	197.6	197.8	192.5	192.5	184.0	184.0	157.0	157.0	-	-	-	-	-	14
16	176.6	182.9	178.2	182.8	177.1	177.7	164.8	172.6	150.5	157.0	120.7	120.7	-	-	-	16
18	157.8	162.1	159.3	163.5	153.0	160.9	143.3	158.1	130.5	151.9	113.8	120.4	-	-	-	18
20	139.3	142.1	140.4	143.8	132.0	143.8	120.7	144.4	115.2	144.3	104.9	119.9	93.5	95.2	20	
24	99.0	114.6	102.7	117.6	97.9	116.9	95.1	118.0	88.3	116.2	81.0	110.4	74.8	94.8	24	
28	69.4	95.3	74.9	98.0	78.0	98.6	75.3	97.8	70.5	98.5	64.8	96.1	63.1	85.3	28	
32	-	-	57.9	83.4	60.3	84.0	60.4	84.4	57.5	83.8	56.5	77.8	52.8	68.7	32	
36	-	-	46.7	71.8	48.9	72.3	49.4	73.9	48.4	71.1	48.6	64.9	44.8	58.5	36	
40	-	-	28.4	54.9	40.7	64.2	41.0	64.0	41.8	59.9	40.9	54.5	40.0	52.6	40	
48	-	-	-	-	29.6	49.5	30.5	49.1	30.2	45.9	30.9	43.3	30.3	41.4	48	
56	-	-	-	-	22.3	30.1	23.1	36.5	23.5	35.4	24.0	36.4	23.5	33.0	56	
64	-	-	-	-	-	-	17.9	27.8	18.6	29.2	18.6	28.7	18.6	27.9	64	
72	-	-	-	-	-	-	14.2	23.7	14.8	23.3	14.8	23.2	14.6	23.3	72	
80	-	-	-	-	-	-	-	-	11.7	19.4	11.7	19.8	11.5	19.3	80	
88	-	-	-	-	-	-	-	-	-	-	9.4	17.1	9.2	16.7	88	
96	-	-	-	-	-	-	-	-	-	-	7.5	14.5	7.3	14.2	96	
104	-	-	-	-	-	-	-	-	-	-	-	-	5.7	12.1	104	
112	-	-	-	-	-	-	-	-	-	-	-	-	4.3	10.5	112	
1)	45.0	45.0	29.3	32.8	19.8	25.6	13.7	20.3	9.9	16.5	6.6	13.2	4.2	10.1	1)	



		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		134.8ft	134.8ft	148.3ft	148.3ft	161.4ft	161.4ft	174.9ft	174.9ft	188.6ft	188.6ft	202.1ft	202.1ft	223.1ft	223.1ft	ft	
ft		1,000 lbs														ft	
24	68.3	75.1	-	-	-	-	-	-	-	-	-	-	-	-	-	24	
28	57.5	72.4	52.0	58.8	-	-	-	-	-	-	-	-	-	-	-	28	
32	48.9	62.7	46.4	56.4	41.7	47.9	-	-	-	-	-	-	-	-	-	32	
36	43.2	54.9	40.4	49.0	37.6	43.9	33.9	37.9	-	-	-	-	-	-	-	36	
40	37.9	48.0	37.0	45.2	34.4	41.1	32.2	37.1	28.9	31.2	25.7	26.2	-	-	-	40	
48	29.6	38.1	28.2	36.2	27.7	34.6	25.7	32.2	23.3	28.8	20.8	25.5	17.8	18.9	48		
56	23.2	32.4	21.9	30.5	21.8	29.0	19.9	27.5	17.8	24.9	15.5	22.7	13.2	18.7	56		
64	18.1	26.7	17.0	25.7	17.2	24.3	15.4	23.4	13.4	21.4	11.2	19.1	8.9	16.7	64		
72	14.2	22.8	13.1	21.9	13.3	20.2	11.8	19.7	10.0	17.7	7.8	15.5	5.8	13.5	72		
80	11.1	19.1	10.0	18.5	10.4	17.8	9.1	16.6	7.4	14.6	5.4	12.6	3.5	10.6	80		
88	8.8	16.3	7.7	15.6	8.1	15.6	6.9	14.0	5.3	12.2	3.4	10.2	-	8.0	88		
96	6.7	14.0	5.9	13.1	6.1	13.2	5.1	11.7	3.6	9.9	-	7.9	-	5.9	96		
104	5.2	11.7	4.4	10.8	4.6	11.1	3.7	9.7	-	7.9	-	6.0	-	4.2	104		
112	3.9	9.8	-	9.0	3.2	9.4	-	8.1	-	6.3	-	4.6	-	-	112		
120	-	8.3	-	7.6	-	7.8	-	6.6	-	5.0	-	3.3	-	-	120		
128	-	7.0	-	6.2	-	6.4	-	5.5	-	4.0	-	-	-	-	128		
136	-	-	-	5.1	-	5.3	-	4.4	-	2.9	-	-	-	-	136		
144	-	-	-	-	-	4.2	-	3.4	-	-	-	-	-	-	144		
1)	-	7.7	-	4.9	-	3.3	-	-	-	-	-	-	-	-	-	1)	



1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions

# Operation

HA

8,200 lbs		26.70 ft x 24.60 ft										360° / Max.*				ASME B30.5	
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		40.7ft	40.7ft	54.1ft	54.1ft	67.6ft	67.6ft	81.0ft	81.0ft	94.5ft	94.5ft	107.9ft	107.9ft	121.4ft	121.4ft	ft	
1,000 lbs																	
10		239.5	243.0	236.4	236.4	223.6	223.6	200.3	200.3	-	-	-	-	-	-	10	
12		216.2	222.0	215.4	215.4	207.8	207.8	196.5	196.5	157.0	157.0	-	-	-	-	12	
14		195.9	202.7	197.1	197.8	192.5	192.5	182.4	184.0	157.0	157.0	-	-	-	-	14	
16		174.0	180.3	176.0	180.8	170.8	177.7	156.1	172.6	140.8	157.0	120.7	120.7	-	-	16	
18		155.0	158.8	151.8	160.6	143.1	159.5	133.2	156.7	119.1	150.6	109.3	120.4	-	-	18	
20		135.7	139.1	130.7	140.8	120.7	141.0	112.7	142.8	105.2	141.4	95.8	119.7	86.2	95.2	20	
24		89.3	112.2	93.4	115.1	91.4	115.9	86.8	115.0	80.5	112.2	73.6	107.8	69.1	92.1	24	
28		62.2	93.2	69.2	96.0	71.0	96.7	68.6	94.1	63.9	95.7	61.7	88.3	57.8	77.1	28	
32		-	-	52.1	81.8	54.6	80.8	54.7	82.2	54.3	77.6	51.7	69.8	48.1	63.1	32	
36		-	-	41.9	68.4	44.1	70.1	44.5	70.2	46.1	64.9	43.7	58.6	41.6	55.0	36	
40		-	-	24.1	52.7	37.0	61.7	37.9	59.6	37.7	54.7	37.9	50.1	36.3	48.9	40	
48		-	-	-	-	26.4	44.9	27.3	44.5	27.9	41.4	28.2	41.4	27.7	37.5	48	
56		-	-	-	-	19.7	30.1	20.5	32.5	21.3	33.5	21.3	32.5	21.1	31.2	56	
64		-	-	-	-	-	-	15.6	26.3	16.5	26.4	16.5	26.0	16.3	26.3	64	
72		-	-	-	-	-	-	12.0	21.7	12.9	21.3	12.6	21.9	12.6	21.3	72	
80		-	-	-	-	-	-	-	-	10.0	18.3	10.0	18.5	9.8	18.1	80	
88		-	-	-	-	-	-	-	-	-	-	7.7	15.5	7.5	15.2	88	
96		-	-	-	-	-	-	-	-	-	-	6.0	13.1	5.8	12.9	96	
104		-	-	-	-	-	-	-	-	-	-	-	-	4.4	10.6	104	
112		-	-	-	-	-	-	-	-	-	-	-	-	3.2	9.0	112	
1)		45.0	45.0	25.8	32.8	17.4	25.6	11.7	20.3	8.4	16.1	5.3	11.9	3.1	8.8	1)	

		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	
ft		134.8ft	134.8ft	148.3ft	148.3ft	161.4ft	161.4ft	174.9ft	174.9ft	188.6ft	188.6ft	202.1ft	202.1ft	223.1ft	223.1ft	ft
1,000 lbs																
24		64.4	75.1	-	-	-	-	-	-	-	-	-	-	-	-	24
28		52.9	68.3	48.9	58.8	-	-	-	-	-	-	-	-	-	-	28
32		46.2	58.8	43.5	51.8	39.4	46.9	-	-	-	-	-	-	-	-	32
36		39.7	50.9	37.9	46.5	34.9	41.5	31.9	36.4	-	-	-	-	-	-	36
40		34.8	44.5	32.8	42.2	31.6	39.0	29.8	35.3	26.0	30.9	23.1	26.2	-	-	40
48		26.3	36.7	24.9	34.2	24.4	32.3	22.5	30.8	20.1	27.8	17.8	24.6	15.3	18.9	48
56		20.5	29.4	19.1	28.4	18.9	26.6	17.2	25.8	15.0	23.4	12.6	20.6	10.2	17.7	56
64		15.7	24.9	14.7	23.5	14.5	22.6	12.9	21.2	10.9	18.9	8.6	16.6	6.4	14.6	64
72		12.0	20.8	11.1	19.5	11.1	19.0	9.6	17.3	7.8	15.3	5.8	13.3	3.6	11.3	72
80		9.3	17.8	8.3	16.3	8.7	16.1	7.2	14.4	5.4	12.6	3.5	10.6	-	8.4	80
88		7.1	14.8	6.2	13.7	6.4	13.5	5.2	12.0	3.6	10.1	-	8.0	-	6.1	88
96		5.3	12.4	4.5	11.5	4.7	11.2	3.6	9.7	-	7.9	-	6.0	-	4.2	96
104		3.9	10.2	3.0	9.3	3.3	9.3	-	7.9	-	6.2	-	4.4	-	2.6	104
112		-	8.5	-	7.6	-	7.6	-	6.3	-	4.8	-	3.0	-	-	112
120		-	7.0	-	6.1	-	6.3	-	5.0	-	3.5	-	-	-	-	120
128		-	5.7	-	5.0	-	5.1	-	4.1	-	2.5	-	-	-	-	128
136		-	-	-	3.9	-	4.0	-	3.1	-	-	-	-	-	-	136
144		-	-	-	-	-	3.1	-	2.2	-	-	-	-	-	-	144
1)		-	5.7	-	3.5	-	2.4	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions

# Operation

HA

101,400 lbs		26.70 ft x 17.40 ft				360° / Max.*				ASME B30.5						
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.			
ft		40.7ft	40.7ft	54.1ft	54.1ft	67.6ft	67.6ft	81.0ft	81.0ft	94.5ft	94.5ft	107.9ft	107.9ft	121.4ft	121.4ft	ft
1,000 lbs																
10	-	243.0	-	236.4	-	223.6	-	200.3	-	-	-	-	-	-	-	10
12	-	222.0	-	215.4	-	207.8	-	196.5	-	157.0	-	-	-	-	-	12
14	-	202.7	-	197.8	-	192.4	-	184.0	-	157.0	-	-	-	-	-	14
16	-	185.4	-	182.8	-	177.7	-	172.6	-	157.0	-	120.7	-	-	-	16
18	153.8	171.3	155.3	170.4	155.3	165.5	154.6	161.2	150.9	151.9	120.4	120.4	-	-	-	18
20	140.8	158.1	142.3	158.6	142.3	154.2	143.6	150.0	142.2	145.5	119.4	119.9	95.2	95.2	20	
24	117.5	137.0	120.3	138.6	119.2	136.2	120.8	132.3	115.5	130.8	108.5	113.6	94.3	94.8	24	
28	91.2	115.0	94.5	122.1	95.4	121.7	95.2	118.0	96.5	116.8	93.6	106.2	86.4	92.3	28	
32	-	-	76.2	108.1	77.3	108.2	79.1	106.5	78.5	105.5	77.4	98.0	74.1	88.9	32	
36	-	-	64.8	95.8	66.8	95.7	66.9	94.9	66.4	95.0	65.3	92.0	63.4	83.8	36	
40	-	-	48.5	79.3	56.4	84.0	56.4	85.4	56.0	84.7	54.9	85.4	54.2	78.3	40	
48	-	-	-	-	43.1	67.4	43.3	67.0	42.8	67.4	42.9	67.7	43.1	65.9	48	
56	-	-	-	-	30.1	45.4	34.4	53.4	34.8	54.4	35.1	53.3	34.2	51.6	56	
64	-	-	-	-	-	-	28.0	44.8	29.2	44.2	28.7	43.1	27.9	41.5	64	
72	-	-	-	-	-	-	24.5	30.1	24.6	36.8	23.9	35.7	24.5	34.2	72	
80	-	-	-	-	-	-	-	-	20.9	30.4	20.8	30.1	20.9	31.1	80	
88	-	-	-	-	-	-	-	-	-	-	18.4	26.8	17.9	27.1	88	
96	-	-	-	-	-	-	-	-	-	-	16.1	23.1	15.6	23.5	96	
104	-	-	-	-	-	-	-	-	-	-	-	-	14.1	20.6	104	
112	-	-	-	-	-	-	-	-	-	-	-	-	11.9	11.9	112	
1)	45.0	45.0	32.8	32.8	25.6	26.5	20.3	20.3	16.5	16.5	13.2	13.2	10.6	10.6	1)	

		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		134.8ft	134.8ft	148.3ft	148.3ft	161.4ft	161.4ft	174.9ft	174.9ft	188.6ft	188.6ft	202.1ft	202.1ft	223.1ft	223.1ft	ft	
1,000 lbs																	
24	75.1	75.1	-	-	-	-	-	-	-	-	-	-	-	-	-	24	
28	72.4	72.4	58.8	58.8	-	-	-	-	-	-	-	-	-	-	-	28	
32	68.5	68.6	57.5	57.5	47.9	47.9	-	-	-	-	-	-	-	-	-	32	
36	60.8	64.4	54.9	55.3	46.7	46.7	37.9	37.9	-	-	-	-	-	-	-	36	
40	54.5	60.2	51.2	52.7	45.3	45.4	37.7	37.7	31.3	31.3	26.2	26.2	-	-	-	40	
48	41.7	52.1	40.0	46.8	39.3	41.7	36.4	36.9	31.0	31.0	25.8	25.8	18.9	18.9	48		
56	33.5	44.8	33.4	41.1	31.8	37.5	31.4	34.4	29.8	30.2	25.8	25.8	18.7	18.7	56		
64	28.3	40.2	27.4	35.9	27.3	33.2	27.1	31.3	26.1	28.5	25.1	25.3	18.7	18.7	64		
72	23.7	35.4	23.7	31.4	23.4	29.4	23.0	28.1	21.9	26.5	21.6	24.1	18.7	18.7	72		
80	20.5	29.9	20.0	27.5	19.8	26.0	19.3	24.9	19.4	24.1	18.5	22.5	17.6	18.7	80		
88	17.8	25.6	17.5	24.9	17.0	23.0	16.9	22.1	16.5	21.7	15.6	20.8	14.8	17.9	88		
96	15.4	22.1	15.2	22.5	14.5	20.6	14.8	19.7	14.1	19.4	13.2	19.0	12.6	16.9	96		
104	13.8	19.6	13.2	19.7	13.0	18.5	12.8	17.6	12.1	17.4	11.3	17.2	10.6	15.6	104		
112	12.0	18.4	11.6	17.1	11.6	17.3	11.2	16.0	10.5	15.6	9.6	15.5	8.9	14.0	112		
120	10.7	16.5	10.1	15.0	10.3	15.2	9.6	14.7	9.0	14.2	8.3	13.7	7.5	12.7	120		
128	9.5	11.0	8.9	14.0	9.0	13.3	8.4	13.1	7.8	12.6	7.0	11.8	6.3	11.5	128		
136	-	-	7.9	13.0	8.0	11.8	7.3	11.4	6.8	10.9	6.0	10.4	4.9	10.1	136		
144	-	-	-	-	7.1	10.8	6.4	10.0	5.8	9.5	4.7	9.5	3.8	8.4	144		
152	-	-	-	-	-	-	5.6	9.2	4.9	8.2	3.8	8.2	2.8	7.3	152		
160	-	-	-	-	-	-	4.8	8.3	3.9	7.2	2.8	7.2	-	6.1	160		
168	-	-	-	-	-	-	-	-	3.2	6.6	-	6.1	-	5.0	168		
176	-	-	-	-	-	-	-	-	2.5	6.2	-	5.2	-	4.1	176		
184	-	-	-	-	-	-	-	-	-	-	-	4.4	-	3.4	184		
1)	7.9	7.9	6.0	5.0	4.9	4.9	2.9	2.9	-	-	-	-	-	-	1)		

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions

# Operation

HA

71,900 lbs		26.70 ft x 17.40 ft				360° / Max.*				ASME B30.5						
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.			
ft		40.7ft	40.7ft	54.1ft	54.1ft	67.6ft	67.6ft	81.0ft	81.0ft	94.5ft	94.5ft	107.9ft	107.9ft	121.4ft	121.4ft	ft
		1,000 lbs														
10	225.1	243.0	226.2	236.4	223.2	223.6	200.3	200.3	-	-	-	-	-	-	-	10
12	200.7	222.0	202.1	215.4	202.1	207.8	196.5	196.5	157.0	157.0	-	-	-	-	-	12
14	180.4	202.7	181.8	197.8	181.8	192.4	179.1	184.0	157.0	157.0	-	-	-	-	-	14
16	163.5	185.4	164.8	182.8	164.8	177.7	157.6	172.6	143.5	157.0	120.7	120.7	-	-	-	16
18	146.7	171.3	148.6	170.4	146.9	165.5	139.5	161.2	126.3	151.9	114.2	120.4	-	-	-	18
20	129.1	158.1	133.6	158.6	131.9	154.2	121.6	150.0	115.7	145.5	106.0	119.9	94.0	95.2	20	
24	92.2	136.3	96.1	137.9	97.1	135.8	99.6	132.3	93.9	130.8	86.6	113.6	79.2	94.8	24	
28	70.4	114.1	75.0	117.5	76.8	117.4	77.1	116.2	76.3	116.0	72.5	106.2	67.6	92.3	28	
32	-	-	60.1	100.9	61.7	100.2	62.0	101.7	61.3	100.8	60.1	97.9	60.2	88.9	32	
36	-	-	50.5	88.9	52.0	87.8	52.2	89.2	51.6	88.3	51.6	88.6	52.0	83.6	36	
40	-	-	35.8	72.3	43.6	78.5	43.8	78.1	45.2	79.2	44.7	78.7	43.6	77.4	40	
48	-	-	-	-	33.6	63.2	34.4	62.8	34.4	64.3	33.9	63.4	34.5	62.1	48	
56	-	-	-	-	26.7	44.6	27.4	52.9	27.2	52.7	27.7	51.5	27.3	50.0	56	
64	-	-	-	-	-	-	22.3	44.1	22.5	43.3	22.6	42.2	22.5	40.5	64	
72	-	-	-	-	-	-	18.4	29.5	18.8	36.7	18.8	35.6	18.8	34.2	72	
80	-	-	-	-	-	-	-	-	15.9	30.0	15.9	29.7	15.9	30.9	80	
88	-	-	-	-	-	-	-	-	-	-	13.6	26.8	13.5	26.8	88	
96	-	-	-	-	-	-	-	-	-	-	11.7	23.1	11.6	23.3	96	
104	-	-	-	-	-	-	-	-	-	-	-	-	9.9	20.2	104	
112	-	-	-	-	-	-	-	-	-	-	-	-	8.5	11.9	112	
1)	45.0	45.0	32.8	32.8	24.5	25.6	18.1	20.3	14.1	16.5	10.8	13.2	8.6	10.6	1)	

		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		134.8ft	134.8ft	148.3ft	148.3ft	161.4ft	161.4ft	174.9ft	174.9ft	188.6ft	188.6ft	202.1ft	202.1ft	223.1ft	223.1ft	ft	
		1,000 lbs															
24	72.6	75.1	-	-	-	-	-	-	-	-	-	-	-	-	-	24	
28	63.6	72.4	56.8	58.8	-	-	-	-	-	-	-	-	-	-	-	28	
32	55.7	68.6	51.5	57.5	46.7	47.9	-	-	-	-	-	-	-	-	-	32	
36	48.8	64.4	46.4	55.3	41.9	46.7	37.1	37.9	-	-	-	-	-	-	-	36	
40	42.5	60.2	41.7	52.7	39.1	45.4	35.5	37.7	31.1	31.3	26.2	26.2	-	-	-	40	
48	33.6	52.1	33.6	46.8	32.3	41.7	31.7	36.9	28.5	31.0	25.4	25.8	18.9	18.9	48		
56	27.1	44.8	26.8	41.1	26.3	37.5	25.9	34.4	24.5	30.2	22.4	25.8	18.7	18.7	56		
64	22.1	40.2	21.6	35.9	21.8	33.2	21.2	31.3	20.5	28.5	19.1	25.3	16.9	18.7	64		
72	18.4	35.4	17.7	31.4	17.9	29.4	17.3	28.1	16.6	26.5	15.7	24.1	14.0	18.7	72		
80	15.5	29.2	14.8	27.2	15.1	25.9	14.4	24.9	13.7	24.1	12.8	22.5	11.3	18.7	80		
88	13.2	25.3	12.5	24.9	12.7	23.0	12.1	22.1	11.4	21.7	10.5	20.8	9.2	17.9	88		
96	11.2	21.8	10.6	22.4	10.7	20.3	10.2	19.4	9.5	19.4	8.6	19.0	7.3	16.9	96		
104	9.6	19.6	9.0	19.3	9.2	18.5	8.6	17.6	7.9	17.1	7.0	17.2	5.7	15.6	104		
112	8.3	18.4	7.7	17.1	7.9	17.3	7.2	16.0	6.6	15.6	5.7	15.5	4.3	14.0	112		
120	7.1	16.5	6.6	15.0	6.6	15.2	6.1	14.7	5.4	14.2	4.3	13.7	3.1	12.6	120		
128	6.2	11.0	5.6	14.0	5.7	13.3	5.1	13.1	4.2	12.4	3.1	11.7	-	11.1	128		
136	-	-	4.8	13.0	4.8	11.6	4.0	11.4	3.3	10.9	-	10.4	-	9.9	136		
144	-	-	-	-	4.0	10.8	3.1	10.0	2.3	9.5	-	9.5	-	8.4	144		
152	-	-	-	-	-	-	-	9.2	-	8.2	-	8.2	-	6.9	152		
160	-	-	-	-	-	-	-	8.3	-	7.2	-	6.7	-	6.0	160		
168	-	-	-	-	-	-	-	-	-	6.6	-	5.8	-	4.9	168		
176	-	-	-	-	-	-	-	-	-	6.2	-	5.2	-	4.1	176		
184	-	-	-	-	-	-	-	-	-	-	-	4.4	-	3.2	184		
1)	6.2	7.9	4.4	6.0	3.1	4.9	-	2.9	-	-	-	-	-	-	1)		

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions



# Operation

HA

56,000 lbs		26.70 ft x 17.40 ft				360° / Max.*				ASME B30.5						
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.			
ft		40.7ft	40.7ft	54.1ft	54.1ft	67.6ft	67.6ft	81.0ft	81.0ft	94.5ft	94.5ft	107.9ft	107.9ft	121.4ft	121.4ft	ft
ft		1,000 lbs														ft
10	221.8	243.0	222.9	236.4	222.9	223.6	200.3	200.3	-	-	-	-	-	-	-	10
12	197.9	222.0	199.2	215.4	199.2	207.8	190.2	196.5	156.3	157.0	-	-	-	-	-	12
14	177.8	202.7	179.2	197.8	175.8	192.4	162.0	184.0	144.2	157.0	-	-	-	-	-	14
16	161.2	185.4	162.5	182.8	150.2	177.7	137.5	172.6	125.6	157.0	114.9	120.7	-	-	-	16
18	136.4	171.3	139.0	170.4	132.3	165.5	119.9	161.2	113.1	151.9	102.7	120.4	-	-	-	18
20	110.7	157.8	115.3	158.4	113.4	154.2	108.4	150.0	99.4	145.5	90.7	119.9	83.4	95.2	20	
24	78.7	132.3	83.5	134.0	86.0	133.9	85.6	130.9	80.3	130.3	73.8	113.6	69.6	94.8	24	
28	59.6	110.4	64.2	111.9	66.0	111.9	66.2	113.4	65.4	112.4	63.3	106.2	60.2	92.3	28	
32	-	-	51.2	96.5	52.8	96.1	53.0	97.0	53.8	95.9	54.1	96.0	51.5	88.9	32	
36	-	-	42.8	84.7	44.3	85.2	44.5	85.0	46.1	85.0	45.5	85.7	43.9	80.8	36	
40	-	-	29.0	68.8	38.0	74.5	38.9	74.3	38.7	75.9	38.2	74.9	38.7	71.6	40	
48	-	-	-	-	28.6	58.0	29.4	59.9	29.6	59.5	29.7	58.3	29.7	55.2	48	
56	-	-	-	-	22.5	38.8	23.0	47.8	23.5	47.1	23.7	46.0	23.4	44.1	56	
64	-	-	-	-	-	-	18.5	39.3	19.1	38.6	19.1	37.5	18.9	37.5	64	
72	-	-	-	-	-	-	15.3	28.7	15.7	31.9	15.7	31.6	15.5	32.1	72	
80	-	-	-	-	-	-	-	-	13.1	27.2	13.1	28.4	12.9	27.5	80	
88	-	-	-	-	-	-	-	-	-	-	11.1	24.4	10.8	23.3	88	
96	-	-	-	-	-	-	-	-	-	-	9.3	21.0	9.2	19.9	96	
104	-	-	-	-	-	-	-	-	-	-	-	-	7.9	17.8	104	
112	-	-	-	-	-	-	-	-	-	-	-	-	6.6	11.9	112	
1)	45.0	45.0	28.9	32.8	20.3	25.6	15.0	20.3	11.5	16.5	8.6	13.2	6.6	10.6	1)	

		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		134.8ft	134.8ft	148.3ft	148.3ft	161.4ft	161.4ft	174.9ft	174.9ft	188.6ft	188.6ft	202.1ft	202.1ft	223.1ft	223.1ft	ft	
ft		1,000 lbs														ft	
24	65.0	75.1	-	-	-	-	-	-	-	-	-	-	-	-	-	24	
28	55.7	72.4	51.1	58.8	-	-	-	-	-	-	-	-	-	-	-	28	
32	48.9	68.6	45.9	57.5	41.7	47.9	-	-	-	-	-	-	-	-	-	32	
36	43.3	64.4	40.9	55.3	38.1	46.7	34.3	37.9	-	-	-	-	-	-	-	36	
40	37.8	60.2	37.4	52.7	35.3	45.4	33.2	37.7	29.3	31.3	26.0	26.2	-	-	40		
48	29.1	51.6	28.8	46.8	28.5	41.7	27.6	36.9	24.8	31.0	22.0	25.8	18.7	18.9	48		
56	23.2	43.9	22.5	40.3	22.7	37.5	22.0	34.4	20.4	30.2	18.3	25.8	16.4	18.7	56		
64	18.7	37.3	17.8	33.9	18.2	32.3	17.6	31.3	16.6	28.5	14.8	25.3	13.0	18.7	64		
72	15.3	30.5	14.4	29.4	14.6	28.1	14.2	26.5	13.3	26.5	11.7	24.1	10.2	18.7	72		
80	12.7	26.0	12.0	26.1	12.2	23.5	11.6	23.7	10.9	22.6	9.4	22.2	7.9	18.7	80		
88	10.6	23.0	9.9	22.3	10.2	21.6	9.5	20.7	8.8	20.3	7.5	19.1	6.0	17.7	88		
96	8.9	20.5	8.2	18.8	8.4	19.2	7.8	18.5	7.1	17.6	5.8	16.6	4.2	15.4	96		
104	7.4	17.7	6.8	17.4	7.0	16.4	6.3	16.0	5.7	15.0	4.4	14.4	2.8	12.9	104		
112	6.3	15.3	5.7	15.3	5.9	14.5	5.2	14.4	4.3	13.1	3.0	12.5	-	10.7	112		
120	5.3	13.6	4.6	13.2	4.8	13.2	3.9	12.1	3.3	11.7	-	10.9	-	9.3	120		
128	4.4	11.0	3.6	11.5	3.7	11.2	3.0	10.9	-	10.4	-	9.2	-	7.8	128		
136	-	-	2.8	10.4	2.8	9.6	-	9.8	-	8.9	-	7.8	-	6.5	136		
144	-	-	-	-	-	8.4	-	8.4	-	7.6	-	6.5	-	5.1	144		
152	-	-	-	-	-	-	-	7.4	-	6.5	-	5.4	-	4.1	152		
160	-	-	-	-	-	-	-	6.4	-	5.6	-	4.3	-	3.3	160		
168	-	-	-	-	-	-	-	-	-	4.7	-	3.4	-	-	168		
176	-	-	-	-	-	-	-	-	-	3.9	-	2.7	-	-	176		
1)	4.4	7.9	2.4	6.0	-	4.9	-	2.9	-	-	-	-	-	-	1)		




1) Capacities with horizontal boom



\* Max. values are valid only for specific superstructure positions



# Operation

HA

13,900 lbs		26.70 ft x 17.40 ft				360° / Max.*				ASME B30.5						
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.			
ft	ft	40.7ft	40.7ft	54.1ft	54.1ft	67.6ft	67.6ft	81.0ft	81.0ft	94.5ft	94.5ft	107.9ft	107.9ft	121.4ft	121.4ft	ft
1,000 lbs																
10	213.9	243.0	206.5	236.4	172.6	223.6	143.6	200.3	-	-	-	-	-	-	-	10
12	178.3	222.0	153.6	215.4	131.7	207.8	118.7	196.5	103.0	157.0	-	-	-	-	-	12
14	133.1	202.7	119.0	197.8	109.3	192.4	97.1	184.0	87.4	157.0	-	-	-	-	-	14
16	100.2	182.9	98.5	182.8	90.3	177.7	81.4	172.6	76.7	157.0	68.9	120.7	-	-	-	16
18	78.4	162.1	81.7	163.5	77.3	160.9	70.9	158.1	67.1	150.1	61.7	120.4	-	-	-	18
20	60.3	142.1	66.6	143.8	65.8	143.8	63.5	143.8	58.5	139.5	55.3	117.9	51.4	94.8	94.8	20
24	41.4	114.6	46.7	117.6	50.3	115.0	49.6	111.7	47.8	106.9	44.5	98.4	41.9	85.2	85.2	24
28	30.2	90.3	34.7	94.7	37.9	91.8	38.9	90.8	38.8	84.7	36.7	77.0	34.8	69.9	69.9	28
32	-	-	26.9	75.0	29.8	76.5	30.6	75.4	31.4	69.6	30.7	62.5	29.2	59.4	59.4	32
36	-	-	21.8	62.6	24.6	64.6	25.2	63.0	26.1	58.3	25.9	53.4	25.0	51.5	51.5	36
40	-	-	11.0	42.5	20.0	54.9	20.7	52.0	21.5	48.3	21.5	48.1	21.1	44.0	44.0	40
48	-	-	-	14.3	37.7	14.9	37.9	15.6	38.7	15.6	36.3	15.4	34.9	34.9	34.9	48
56	-	-	-	10.5	28.4	10.9	29.5	11.6	29.4	11.6	28.6	11.5	28.6	28.6	28.6	56
64	-	-	-	-	8.2	23.1	8.9	23.2	8.9	23.4	8.6	23.0	8.6	23.0	23.0	64
72	-	-	-	-	6.2	18.8	6.7	19.2	6.7	19.3	6.7	19.3	6.7	19.0	19.0	72
80	-	-	-	-	-	-	-	5.1	16.1	5.1	15.9	5.0	15.8	15.8	15.8	80
88	-	-	-	-	-	-	-	-	3.7	13.3	3.5	13.1	13.1	13.1	13.1	88
96	-	-	-	-	-	-	-	-	-	11.2	-	10.9	10.9	10.9	10.9	96
104	-	-	-	-	-	-	-	-	-	-	-	9.1	9.1	9.1	9.1	104
112	-	-	-	-	-	-	-	-	-	-	-	7.6	7.6	7.6	7.6	112
1)	22.7	45.0	13.4	32.8	9.0	25.6	6.2	18.5	4.0	13.9	-	10.1	-	7.5	7.5	1)



		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.			
ft	ft	134.8ft	134.8ft	148.3ft	148.3ft	161.4ft	161.4ft	174.9ft	174.9ft	188.6ft	188.6ft	202.1ft	202.1ft	223.1ft	223.1ft	ft
1,000 lbs																
24	38,2	73,0	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	31,7	63,7	29,6	56,0	-	-	-	-	-	-	-	-	-	-	-	28
32	26,7	54,1	24,9	50,3	24,2	45,0	-	-	-	-	-	-	-	-	-	32
36	22,9	46,7	21,3	43,8	20,8	39,5	18,6	34,9	-	-	-	-	-	-	-	36
40	19,5	42,2	18,1	39,1	17,7	36,5	15,8	34,2	13,8	30,0	10,7	26,1	-	-	-	40
48	14,8	32,7	13,6	32,2	13,2	30,1	11,7	28,7	9,7	25,2	7,8	22,9	-	18,9	18,9	48
56	11,2	27,0	10,0	25,6	9,9	25,1	8,5	23,5	6,9	21,4	5,1	18,9	-	16,7	16,7	56
64	8,4	22,2	7,3	20,9	7,3	20,7	6,0	19,1	4,6	17,3	2,7	15,3	-	13,2	13,2	64
72	6,2	18,6	5,3	17,3	5,3	17,1	4,0	15,5	2,5	14,0	-	12,0	-	10,0	10,0	72
80	4,6	15,4	3,7	14,5	3,8	14,2	-	12,6	-	11,0	-	9,1	-	7,3	7,3	80
88	3,1	12,6	-	11,8	-	12,1	-	10,5	-	8,7	-	6,9	-	5,1	5,1	88
96	-	10,5	-	9,6	-	9,9	-	8,7	-	7,0	-	5,1	-	3,4	3,4	96
104	-	8,6	-	7,7	-	7,9	-	7,0	-	5,5	-	3,5	-	-	-	104
112	-	7,0	-	6,3	-	6,5	-	5,7	-	4,1	-	-	-	-	-	112
120	-	5,9	-	5,0	-	5,3	-	4,4	-	3,1	-	-	-	-	-	120
128	-	4,7	-	4,0	-	4,2	-	3,3	-	-	-	-	-	-	-	128
136	-	-	-	3,0	-	3,1	-	2,4	-	-	-	-	-	-	-	136
144	-	-	-	-	-	2,2	-	-	-	-	-	-	-	-	-	144
1)	-	4.9	-	2.6	-	-	-	-	-	-	-	-	-	-	-	1)



1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions

# Operation

HA

8,200 lbs		26.70 ft x 17.40 ft										360° / Max.*				ASME B30.5	
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		40.7ft	40.7ft	54.1ft	54.1ft	67.6ft	67.6ft	81.0ft	81.0ft	94.5ft	94.5ft	107.9ft	107.9ft	121.4ft	121.4ft	ft	
1,000 lbs																	
10	211.2	243.0	190.4	236.4	156.0	223.6	136.0	200.3	-	-	-	-	-	-	-	10	
12	160.7	222.0	138.3	215.4	123.2	207.8	107.2	196.5	94.5	157.0	-	-	-	-	-	12	
14	118.8	202.7	108.0	197.8	98.4	192.4	87.5	184.0	81.2	157.0	-	-	-	-	-	14	
16	89.5	180.3	88.4	180.8	81.1	177.7	75.5	172.6	69.0	157.0	61.9	120.7	-	-	-	16	
18	70.0	158.8	73.3	160.6	69.4	159.5	66.0	154.3	60.3	144.2	56.4	119.2	-	-	-	18	
20	53.6	139.1	59.7	140.8	60.4	140.3	56.9	141.1	53.7	127.8	49.4	115.5	46.2	93.9	20		
24	36.4	111.7	41.6	113.0	45.2	109.5	44.5	104.6	42.7	100.3	39.7	89.9	37.4	78.1	24		
28	26.2	84.5	30.8	88.3	33.9	86.0	34.8	86.1	34.6	77.2	32.6	68.9	30.8	64.3	28		
32	-	-	23.6	71.7	26.4	72.5	27.3	68.1	28.1	62.7	27.2	58.3	25.7	54.4	32		
36	-	-	18.9	58.7	21.6	59.9	22.5	56.3	23.2	52.0	22.8	50.8	21.9	46.5	36		
40	-	-	8.6	36.7	17.4	49.1	18.3	47.2	18.9	45.7	18.9	42.9	18.5	40.6	40		
48	-	-	-	-	12.3	34.5	12.8	34.6	13.5	35.4	13.5	32.9	13.5	32.1	48		
56	-	-	-	-	8.8	25.9	9.4	26.6	9.9	26.4	9.9	27.0	9.9	26.3	56		
64	-	-	-	-	-	-	6.9	21.0	7.5	21.5	7.5	21.8	7.3	21.3	64		
72	-	-	-	-	-	-	5.1	16.8	5.6	17.5	5.6	17.5	5.3	17.3	72		
80	-	-	-	-	-	-	-	-	4.0	14.4	4.0	14.3	3.8	14.1	80		
88	-	-	-	-	-	-	-	-	-	-	-	11.8	-	11.6	88		
96	-	-	-	-	-	-	-	-	-	-	-	9.8	-	9.6	96		
104	-	-	-	-	-	-	-	-	-	-	-	-	-	7.9	104		
112	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	112		
1)	19.4	45.0	11.2	32.8	7.5	23.4	4.9	16.8	2.9	12.3	-	8.8	-	6.2	1)		

		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	
ft		134.8ft	134.8ft	148.3ft	148.3ft	161.4ft	161.4ft	174.9ft	174.9ft	188.6ft	188.6ft	202.1ft	202.1ft	223.1ft	223.1ft	ft
1,000 lbs																
24	34.0	69.0	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	28.0	59.3	25.9	52.5	-	-	-	-	-	-	-	-	-	-	-	28
32	23.4	49.3	21.7	46.6	21.0	41.7	-	-	-	-	-	-	-	-	-	32
36	19.9	43.8	18.5	40.9	17.9	37.5	15.9	33.7	-	-	-	-	-	-	-	36
40	16.8	38.4	15.5	37.4	15.1	34.3	13.4	31.8	11.4	29.2	8.3	25.8	-	-	-	40
48	12.5	30.6	11.2	29.2	11.1	28.6	9.5	26.2	7.8	23.5	5.8	21.3	-	18.1	48	
56	9.3	24.5	8.1	23.3	8.1	22.9	6.7	21.1	5.1	19.0	-	16.4	-	14.5	56	
64	6.8	20.0	5.7	18.7	5.7	18.5	4.4	17.1	2.9	15.3	-	13.2	-	11.0	64	
72	4.9	16.4	3.8	15.3	3.8	15.1	2.5	13.7	-	12.0	-	10.0	-	8.0	72	
80	3.3	13.9	-	12.6	-	12.3	-	10.9	-	9.1	-	7.4	-	5.6	80	
88	-	11.2	-	10.3	-	10.4	-	8.8	-	7.1	-	5.3	-	3.6	88	
96	-	9.2	-	8.3	-	8.5	-	7.1	-	5.3	-	3.6	-	-	96	
104	-	7.5	-	6.6	-	6.8	-	5.7	-	3.9	-	-	-	-	104	
112	-	5.9	-	5.2	-	5.4	-	4.3	-	-	-	-	-	-	112	
120	-	4.8	-	3.9	-	4.2	-	3.3	-	-	-	-	-	-	120	
128	-	3.7	-	3.0	-	3.1	-	-	-	-	-	-	-	-	128	
1)	-	3.7	-	-	-	-	-	-	-	-	-	-	-	-	1)	

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions

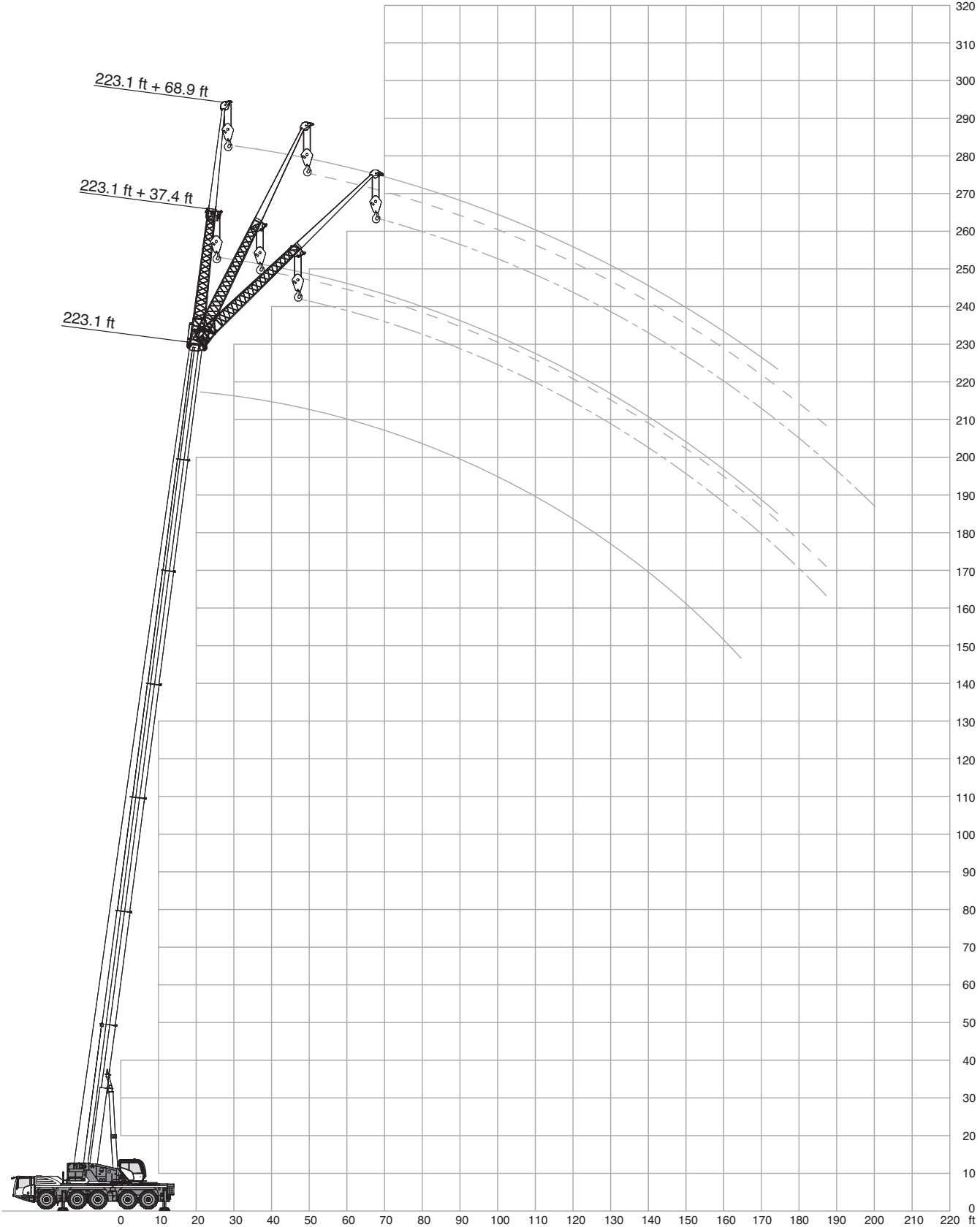
# Operation

8,200 lbs		26.70 ft x 8.30 ft				360° / Max.*				ASME B30.5					
360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
40.7ft	40.7ft	54.1ft	54.1ft	67.6ft	67.6ft	81.0ft	81.0ft	94.5ft	94.5ft	107.9ft	107.9ft	121.4ft	121.4ft		
1,000 lbs															
ft													ft		
10	56.7	243.0	55.3	236.4	52.6	170.6	48.3	107.3	-	-	-	-	-	10	
12	42.9	222.0	44.7	215.4	43.4	171.9	40.3	109.0	36.2	78.7	-	-	-	12	
14	31.6	202.7	36.3	197.8	36.3	176.1	34.0	110.8	32.1	79.5	-	-	-	14	
16	24.1	180.3	29.0	180.8	30.8	175.7	29.1	112.9	27.7	80.5	23.4	59.6	-	16	
18	19.2	158.8	23.7	160.6	26.1	159.0	25.3	114.1	24.3	78.1	22.1	61.1	-	18	
20	15.0	139.1	19.1	140.2	22.0	138.3	21.8	113.7	21.2	79.3	19.3	61.0	18.0	49.4	20
24	9.5	108.1	13.4	108.4	16.0	99.1	16.7	95.3	16.4	78.8	15.2	62.4	14.2	49.7	24
28	5.4	75.8	9.6	78.0	11.9	77.2	12.6	72.2	13.0	66.4	12.1	61.3	11.2	49.5	28
32	-	-	6.7	59.7	8.9	60.6	9.6	57.1	10.2	54.8	9.5	52.5	8.8	47.9	32
36	-	-	4.3	46.8	6.9	48.4	7.5	47.1	8.2	47.1	7.6	44.0	7.0	41.6	36
40	-	-	-	27.6	5.0	39.3	5.7	40.2	6.4	39.4	6.0	38.0	5.3	36.3	40
48	-	-	-	-	-	28.2	-	28.6	3.6	29.2	3.4	28.9	-	28.3	48
56	-	-	-	-	-	21.5	-	22.1	-	22.5	-	22.2	-	22.1	56
64	-	-	-	-	-	-	-	17.4	-	17.8	-	17.6	-	17.4	64
72	-	-	-	-	-	-	-	14.2	-	14.4	-	14.2	-	13.9	72
80	-	-	-	-	-	-	-	-	-	11.7	-	11.6	-	11.3	80
88	-	-	-	-	-	-	-	-	-	-	-	9.4	-	9.1	88
96	-	-	-	-	-	-	-	-	-	-	-	7.5	-	7.3	96
104	-	-	-	-	-	-	-	-	-	-	-	-	-	5.9	104
112	-	-	-	-	-	-	-	-	-	-	-	-	-	4.6	112
1)	2.2	45.0	-	28.7	-	19.6	-	13.9	-	10.1	-	7.1	-	4.6	1)








360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
134.8ft	134.8ft	148.3ft	148.3ft	161.4ft	161.4ft	174.9ft	174.9ft	188.6ft	188.6ft	202.1ft	202.1ft	223.1ft	223.1ft		
1,000 lbs															
ft													ft		
24	12.0	39.6	-	-	-	-	-	-	-	-	-	-	-	24	
28	9.5	40.3	8.2	32.7	-	-	-	-	-	-	-	-	-	28	
32	7.4	41.1	6.1	33.2	6.1	28.2	-	-	-	-	-	-	-	32	
36	5.8	38.2	4.6	33.4	4.6	28.5	-	23.1	-	-	-	-	-	36	
40	4.2	34.4	-	32.9	-	28.6	-	23.4	-	17.9	-	13.3	-	40	
48	-	26.7	-	25.4	-	24.9	-	22.8	-	18.2	-	13.8	-	10.0	48
56	-	21.2	-	19.9	-	19.8	-	18.2	-	16.3	-	13.4	-	10.3	56
64	-	17.0	-	15.9	-	15.8	-	14.4	-	12.6	-	10.6	-	8.5	64
72	-	13.3	-	12.4	-	12.6	-	11.1	-	9.3	-	7.6	-	5.8	72
80	-	10.9	-	9.8	-	10.0	-	8.7	-	7.2	-	5.2	-	3.5	80
88	-	8.6	-	7.7	-	7.8	-	6.6	-	5.2	-	3.4	-	-	88
96	-	6.7	-	6.0	-	6.2	-	5.0	-	3.6	-	-	-	-	96
104	-	5.4	-	4.4	-	4.6	-	3.7	-	2.3	-	-	-	-	104
112	-	4.1	-	3.2	-	3.5	-	-	-	-	-	-	-	-	112
120	-	3.1	-	-	-	-	-	-	-	-	-	-	-	-	120
1)	-	2.2	-	-	-	-	-	-	-	-	-	-	-	-	1)






1) Capacities with horizontal boom






\* Max. values are valid only for specific superstructure positions



# Operation












101,400 lbs  26.70 ft x 24.60 ft										360°			ASME B30.5					
40.7 ft 										121.4 ft 								
37.4 ft  										68.9 ft  								
0° 20° 40°										0° 20° 40°								
ft										ft								
1,000 lbs										1,000 lbs								
10	41.2	-	-	22.2	-	-	24	39.0	-	-	-	-	-					
12	41.2	-	-	22.0	-	-	28	38.6	-	-	16.6	-	-					
14	41.2	-	-	21.9	-	-	32	38.2	-	-	16.4	-	-					
16	41.2	-	-	21.7	-	-	36	37.7	-	-	16.1	-	-					
18	41.2	-	-	21.4	-	-	40	37.2	29.2	-	15.9	-	-					
20	41.2	34.8	-	21.1	-	-	48	35.6	27.3	21.4	15.5	-	-					
24	41.2	31.9	-	20.5	-	-	56	33.0	25.5	20.6	15.1	12.8	-					
28	39.6	29.5	-	19.7	-	-	64	30.1	23.9	20.0	14.7	12.1	-					
32	35.8	27.5	22.5	18.9	-	-	72	27.4	22.5	19.4	14.1	11.5	-					
36	32.7	25.8	21.5	17.9	-	-	80	25.3	21.2	18.9	13.8	10.9	9.0					
40	29.9	24.3	20.6	16.8	13.6	-	88	23.5	20.1	18.3	13.3	10.4	8.7					
48	25.7	21.7	19.3	14.9	12.3	-	96	21.9	19.1	17.8	12.7	9.9	8.5					
56	22.3	19.9	18.6	13.2	11.2	9.7	104	20.6	18.2	17.3	12.0	9.5	8.4					
64	19.8	18.7	-	11.7	10.3	9.1	112	18.4	17.4	17.0	11.2	9.2	8.2					
72	-	-	-	10.6	9.5	8.6	120	16.0	16.5	16.5	10.7	9.0	8.1					
80	-	-	-	9.8	9.0	8.3	128	13.9	14.5	7.6	10.1	8.7	7.9					
88	-	-	-	9.1	8.5	8.2	136	12.3	12.5	-	9.6	8.4	7.9					
96	-	-	-	8.5	8.2	-	144	11.3	11.3	-	9.3	8.2	7.9					
							152	5.9	-	-	8.8	8.2	7.9					
							160	-	-	-	8.5	8.2	4.7					
							168	-	-	-	8.0	7.8	-					
							176	-	-	-	7.6	7.0	-					






202.1 ft 						
37.4 ft  						
68.9 ft  						
0° 20° 40°						
ft						
1,000 lbs						
48	13.2	-	-	-	-	-
56	13.2	-	-	7.7	-	-
64	13.2	-	-	7.7	-	-
72	13.2	-	-	7.7	-	-
80	13.2	13.2	-	7.7	-	-
88	13.2	13.2	13.2	7.7	-	-
96	13.2	13.2	13.2	7.7	7.7	-
104	13.2	13.2	13.2	7.7	7.7	-
112	12.7	12.7	12.5	7.7	7.7	7.5
120	11.9	11.9	11.9	7.7	7.7	7.5
128	11.1	11.1	11.1	7.7	7.7	7.5
136	10.3	10.3	10.3	7.7	7.7	7.5
144	9.1	9.5	9.7	7.5	7.5	7.5
152	7.8	8.6	8.7	7.2	7.2	7.2
160	6.5	7.3	7.7	6.6	6.9	6.7
168	5.8	6.1	6.5	5.5	6.3	6.5
176	5.0	5.4	5.4	4.7	5.6	6.2
184	4.2	4.6	4.7	4.1	4.7	5.5
192	3.4	3.8	4.0	3.4	4.0	4.6
200	2.5	3.0	3.0	2.5	3.4	3.7
208	-	-	-	-	-	3.1
216	-	-	-	-	-	2.5






223.1 ft 						
37.4 ft  						
68.9 ft  						
0° 20° 40°						
ft						
1,000 lbs						
56	9.5	-	-	-	-	-
64	9.5	-	-	-	-	-
72	9.5	-	-	5.7	-	-
80	9.5	9.5	-	5.7	-	-
88	9.5	9.5	-	5.7	-	-
96	9.5	9.5	9.5	5.7	-	-
104	9.5	9.5	9.5	5.7	-	-
112	9.5	9.5	9.5	5.7	-	-
120	9.5	9.5	9.5	5.7	-	-
128	9.4	9.5	9.5	5.7	-	-
136	8.8	9.2	9.2	5.7	-	-
144	8.2	8.4	8.4	5.7	-	-
152	7.3	7.6	7.8	5.7	-	-
160	6.1	6.8	7.0	5.5	-	-
168	5.0	5.9	6.1	4.6	-	-
176	3.9	4.8	5.0	3.7	-	-
184	3.1	3.7	4.0	3.0	-	-

# Operation

HAV

71,900 lbs  26.70 ft x 24.60 ft										360°			ASME B30.5						
40.7 ft 										121.4 ft 									
37.4 ft  										37.4 ft  									
68.9 ft  										68.9 ft  									
0° 20° 40° 0° 20° 40°										0° 20° 40° 0° 20° 40°									
ft 1,000 lbs										ft 1,000 lbs									
10	41.2	-	-	-	22.2	-	-	-	-	24	39.0	-	-	-	-	-	-	-	-
12	41.2	-	-	-	22.0	-	-	-	-	28	38.6	-	-	-	16.6	-	-	-	-
14	41.2	-	-	-	21.9	-	-	-	-	32	38.2	-	-	-	16.4	-	-	-	-
16	41.2	-	-	-	21.7	-	-	-	-	36	37.7	-	-	-	16.1	-	-	-	-
18	41.2	-	-	-	21.4	-	-	-	-	40	37.2	29.2	-	-	15.9	-	-	-	-
20	41.2	34.8	-	-	21.1	-	-	-	-	48	35.6	27.3	21.4	-	15.5	-	-	-	-
24	41.2	31.9	-	-	20.5	-	-	-	-	56	33.0	25.5	20.6	-	15.1	12.8	-	-	-
28	39.6	29.5	-	-	19.7	-	-	-	-	64	30.1	23.9	20.0	-	14.7	12.1	-	-	-
32	35.8	27.5	22.5	-	18.9	-	-	-	-	72	27.4	22.5	19.4	-	14.1	11.5	-	-	-
36	32.7	25.8	21.5	-	17.9	-	-	-	-	80	24.7	21.2	18.9	-	13.8	10.9	9.0	-	-
40	29.9	24.3	20.6	-	16.8	13.6	-	-	-	88	21.4	20.1	18.3	-	13.3	10.4	8.7	-	-
48	25.7	21.7	19.3	-	14.9	12.3	-	-	-	96	18.2	18.8	17.8	-	12.7	9.9	8.5	-	-
56	22.3	19.9	18.6	-	13.2	11.2	9.7	-	-	104	15.8	16.5	16.9	-	12.0	9.5	8.4	-	-
64	19.8	18.7	-	-	11.7	10.3	9.1	-	-	112	14.0	14.4	15.1	-	11.2	9.2	8.2	-	-
72	-	-	-	-	10.6	9.5	8.6	-	-	120	12.6	12.7	12.7	-	10.6	9.0	8.1	-	-
80	-	-	-	-	9.8	9.0	8.3	-	-	128	11.0	11.6	7.6	-	10.0	8.7	7.9	-	-
88	-	-	-	-	9.1	8.5	8.2	-	-	136	9.6	9.8	-	-	9.0	8.4	7.9	-	-
96	-	-	-	-	8.5	8.2	-	-	-	144	9.1	8.8	-	-	8.2	8.2	7.9	-	-
										152	5.9	-	-	-	7.6	7.5	7.8	-	-
										160	-	-	-	-	6.5	6.9	4.7	-	-
										168	-	-	-	-	5.9	4.3	-	-	-
										176	-	-	-	-	5.6	3.8	-	-	-

202.1 ft 									
37.4 ft  									
68.9 ft  									
0° 20° 40° 0° 20° 40°									
ft 1,000 lbs									
48	13.2	-	-	-	-	-	-	-	-
56	13.2	-	-	-	7.7	-	-	-	-
64	13.2	-	-	-	7.7	-	-	-	-
72	13.2	-	-	-	7.7	-	-	-	-
80	13.2	13.2	-	-	7.7	-	-	-	-
88	13.2	13.2	13.2	-	7.7	-	-	-	-
96	13.2	13.2	13.2	-	7.7	7.7	-	-	-
104	12.5	13.2	13.2	-	7.7	7.7	-	-	-
112	11.1	12.0	12.5	-	7.7	7.7	7.5	-	-
120	9.3	10.3	11.2	-	7.5	7.7	7.5	-	-
128	7.7	9.0	9.6	-	6.5	7.7	7.5	-	-
136	6.4	7.6	8.3	-	5.5	7.1	7.5	-	-
144	5.1	6.0	6.9	-	4.5	6.2	7.5	-	-
152	4.0	4.9	5.6	-	3.4	5.1	6.5	-	-
160	3.0	3.9	4.3	-	-	4.2	5.6	-	-
168	-	-	-	-	-	3.3	4.5	-	-
176	-	-	-	-	-	2.3	3.5	-	-

223.1 ft 									
37.4 ft  									
68.9 ft  									
0° 20° 40° 0° 20° 40°									
ft 1,000 lbs									
56	9.5	-	-	-	-	-	-	-	-
64	9.5	-	-	-	-	-	-	-	-
72	9.5	-	-	-	5.7	-	-	-	-
80	9.5	9.5	-	-	5.7	-	-	-	-
88	9.5	9.5	-	-	5.7	-	-	-	-
96	9.5	9.5	9.5	-	5.7	-	-	-	-
104	9.5	9.5	9.5	-	5.7	-	-	-	-
112	9.4	9.5	9.5	-	5.7	-	-	-	-
120	7.6	9.1	9.4	-	5.7	-	-	-	-
128	6.1	7.5	8.6	-	5.2	-	-	-	-
136	4.7	6.0	7.1	-	3.8	-	-	-	-
144	3.6	4.7	5.8	-	2.7	-	-	-	-
152	-	3.6	4.5	-	-	-	-	-	-
160	-	2.6	3.4	-	-	-	-	-	-

# Operation

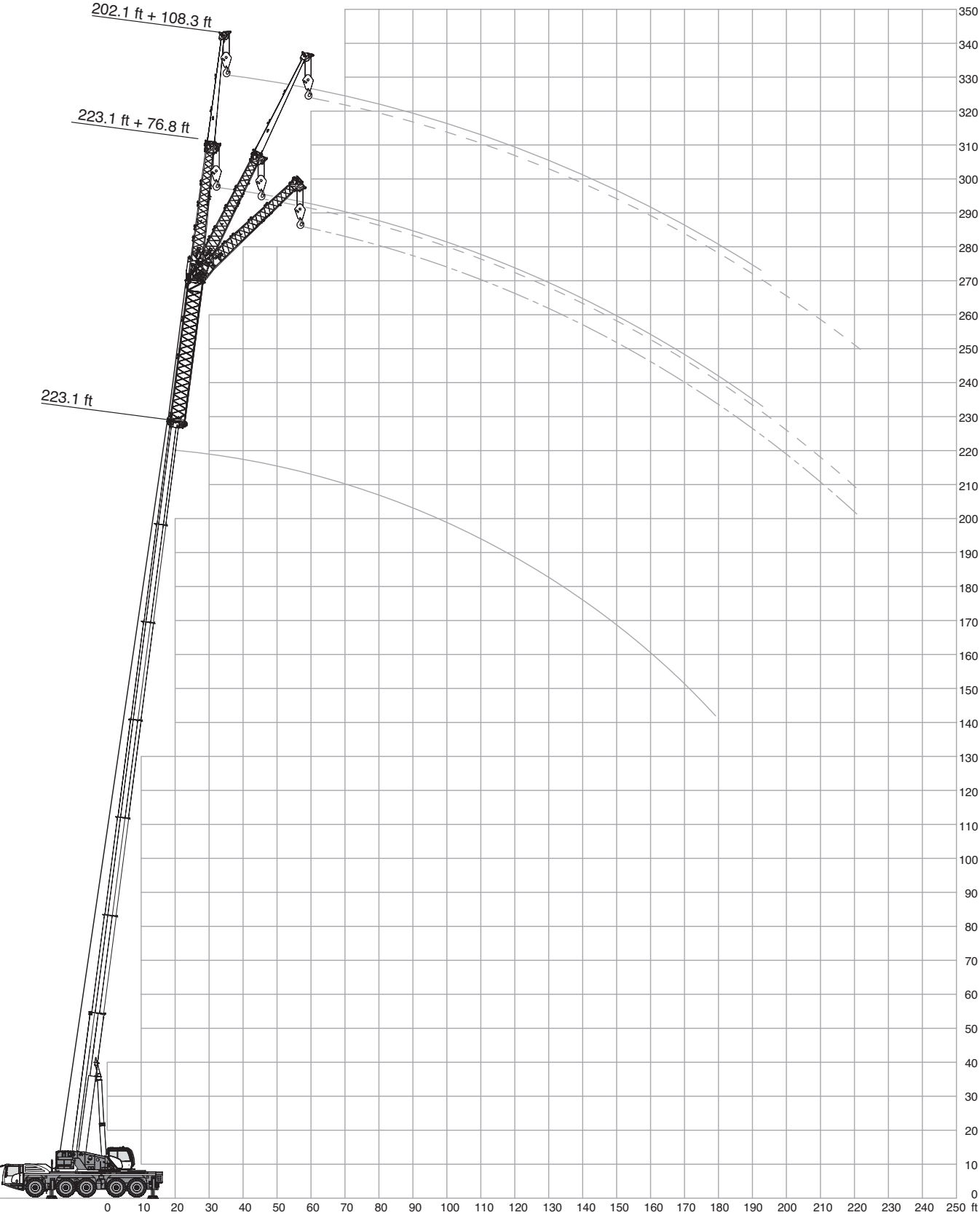
56,000 lbs		26.70 ft x 24.60 ft		360°			ASME B30.5			
40.7 ft		37.4 ft			68.9 ft			121.4 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft	1,000 lbs									
10	41.2	-	-	22.2	-	-	-	-	-	
12	41.2	-	-	22.0	-	-	-	-	-	
14	41.2	-	-	21.9	-	-	-	-	-	
16	41.2	-	-	21.7	-	-	-	-	-	
18	41.2	-	-	21.4	-	-	-	-	-	
20	41.2	34.8	-	21.1	-	-	-	-	-	
24	41.2	31.9	-	20.5	-	-	-	-	-	
28	39.6	29.5	-	19.7	-	-	-	-	-	
32	35.8	27.5	22.5	18.9	-	-	-	-	-	
36	32.7	25.8	21.5	17.9	-	-	-	-	-	
40	29.9	24.3	20.6	16.8	13.6	-	-	-	-	
48	25.7	21.7	19.3	14.9	12.3	-	-	-	-	
56	22.3	19.9	18.6	13.2	11.2	9.7	-	-	-	
64	19.8	18.7	-	11.7	10.3	9.1	-	-	-	
72	-	-	-	10.6	9.5	8.6	-	-	-	
80	-	-	-	9.8	9.0	8.3	-	-	-	
88	-	-	-	9.1	8.5	8.2	-	-	-	
96	-	-	-	8.5	8.2	-	-	-	-	
24	39.0	-	-	-	-	-	-	-	-	
28	38.6	-	-	16.6	-	-	-	-	-	
32	38.2	-	-	16.4	-	-	-	-	-	
36	37.7	-	-	16.1	-	-	-	-	-	
40	37.2	29.2	-	15.9	-	-	-	-	-	
48	35.6	27.3	21.4	15.5	-	-	-	-	-	
56	33.0	25.5	20.6	15.1	12.8	-	-	-	-	
64	29.8	23.9	20.0	14.7	12.1	-	-	-	-	
72	25.2	22.5	19.4	14.1	11.5	-	-	-	-	
80	21.5	21.0	18.9	13.8	10.9	9.0	-	-	-	
88	17.9	18.9	18.2	13.3	10.4	8.7	-	-	-	
96	15.8	16.1	16.8	12.7	9.9	8.5	-	-	-	
104	13.5	14.0	14.3	12.0	9.5	8.4	-	-	-	
112	12.0	12.2	12.7	11.1	9.2	8.2	-	-	-	
120	10.6	10.7	10.8	10.0	9.0	8.1	-	-	-	
128	9.6	9.7	7.6	8.7	8.6	7.9	-	-	-	
136	8.2	8.5	-	7.9	8.2	7.9	-	-	-	
144	7.3	7.3	-	6.9	7.3	7.5	-	-	-	
152	5.9	-	-	6.3	6.7	6.9	-	-	-	
160	-	-	-	5.5	5.8	4.7	-	-	-	
168	-	-	-	4.8	4.2	-	-	-	-	
176	-	-	-	4.3	3.8	-	-	-	-	

202.1 ft		37.4 ft			68.9 ft		
	0°	20°	40°	0°	20°	40°	
ft	1,000 lbs						
48	13.2	-	-	-	-	-	
56	13.2	-	-	7.7	-	-	
64	13.2	-	-	7.7	-	-	
72	13.2	-	-	7.7	-	-	
80	13.2	13.2	-	7.7	-	-	
88	12.8	13.2	13.2	7.7	-	-	
96	11.0	12.5	13.2	7.7	7.7	-	
104	9.3	10.9	11.9	7.5	7.7	-	
112	7.6	9.2	10.3	6.5	7.7	7.5	
120	6.0	7.3	8.4	5.0	7.1	7.5	
128	4.6	5.8	6.9	3.7	6.1	7.4	
136	3.5	4.7	5.6	2.7	4.7	6.5	
144	2.5	3.6	4.2	-	3.6	5.4	
152	-	-	3.2	-	-	4.3	
160	-	-	-	-	-	3.2	

223.1 ft		37.4 ft			68.9 ft		
	0°	20°	40°	0°	20°	40°	
ft	1,000 lbs						
56	9.5	-	-	-	-	-	
64	9.5	-	-	-	-	-	
72	9.5	-	-	5.7	-	-	
80	9.5	9.5	-	5.7	-	-	
88	9.5	9.5	-	5.7	-	-	
96	9.2	9.5	9.5	5.7	-	-	
104	7.5	9.1	9.5	5.7	-	-	
112	5.9	7.4	8.9	4.8	-	-	
120	4.3	5.8	7.1	3.2	-	-	
128	3.0	4.3	5.5	-	-	-	
136	-	3.1	4.2	-	-	-	
144	-	-	2.9	-	-	-	

# Operation




HAV-VA







# Operation

HAV-VA






101,400 lbs  26.70 ft x 24.60 ft <span style="float: right;">360° ASME B30.5</span>													
40.7 ft 							121.4 ft 						
ft	76.8 ft			108.3 ft			ft	76.8 ft			108.3 ft		
	0°	20°	40°	0°	20°	40°		0°	20°	40°	0°	20°	40°
1,000 lbs													
16	38.0	-	-	-	-	-	36	21.4	-	-	-	-	-
18	36.5	-	-	-	-	-	40	21.1	-	-	11.9	-	-
20	35.0	-	-	17.2	-	-	48	20.8	-	-	11.8	-	-
24	32.0	-	-	16.8	-	-	56	19.9	17.7	-	11.6	-	-
28	28.8	-	-	16.4	-	-	64	18.7	16.4	14.5	11.3	-	-
32	25.9	22.4	-	16.1	-	-	72	17.4	15.0	13.7	11.0	10.2	-
36	23.6	20.7	-	15.9	-	-	80	16.1	14.0	12.9	10.7	9.6	-
40	21.5	19.0	17.5	15.5	-	-	88	14.8	13.2	12.2	10.1	8.9	-
48	18.0	16.6	15.4	14.1	13.0	-	96	13.8	12.4	11.5	9.4	8.3	-
56	15.6	14.4	13.7	12.5	11.5	-	104	12.9	11.6	10.9	8.9	7.8	-
64	13.6	12.8	12.4	11.1	10.2	-	112	12.1	11.0	10.3	8.3	7.3	-
72	12.2	11.5	11.1	9.9	9.1	-	120	11.3	10.5	10.0	7.9	6.9	-
80	10.9	10.4	10.2	8.9	8.3	-	128	10.6	9.9	9.6	7.5	6.5	-
88	9.8	9.4	9.4	7.9	7.4	-	136	10.0	9.4	9.2	7.0	6.2	-
96	8.8	8.8	-	7.1	6.6	-	144	9.5	9.1	8.8	6.6	5.8	-
104	8.2	8.2	-	6.5	6.0	-	152	9.0	8.6	8.5	6.1	5.5	-
112	-	-	-	5.7	5.5	-	160	8.3	8.3	5.6	5.8	5.2	-
120	-	-	-	5.2	5.2	-	168	7.4	7.6	-	5.4	5.0	-
128	-	-	-	5.0	4.7	-	176	6.7	6.9	-	5.1	4.9	-
136	-	-	-	4.5	-	-	184	2.6	2.7	-	4.8	4.6	-
							192	-	-	-	4.6	4.4	-
							200	-	-	-	4.3	4.2	-
							208	-	-	-	4.0	-	-
							216	-	-	-	3.6	-	-






202.1 ft 						
ft	76.8 ft			108.3 ft		
	0°	20°	40°	0°	20°	40°
1,000 lbs						
64	7.5	-	-	-	-	-
72	7.5	-	-	3.7	-	-
80	7.5	7.3	-	3.7	-	-
88	7.5	7.3	6.4	3.7	-	-
96	7.5	7.3	6.3	3.7	-	-
104	7.5	7.3	6.2	3.7	3.7	-
112	7.5	7.3	6.0	3.7	3.7	-
120	7.5	7.3	6.0	3.7	3.7	-
128	7.5	7.3	5.8	3.7	3.7	-
136	7.3	7.3	5.7	3.7	3.7	-
144	6.9	6.9	5.7	3.7	3.7	-
152	6.5	6.5	5.5	3.7	3.7	-
160	5.9	6.1	5.5	3.7	3.7	-
168	5.0	5.6	5.4	3.6	3.7	-
176	4.1	4.7	5.3	3.3	3.7	-
184	3.5	3.8	4.4	-	3.5	-
192	-	3.2	3.4	-	-	-
200	-	2.7	2.9	-	-	-






223.1 ft 			
ft	76.8 ft		
	0°	20°	40°
1,000 lbs			
72	4.9	-	-
80	4.9	-	-
88	4.9	-	-
96	4.9	-	-
104	4.9	-	-
112	4.9	-	-
120	4.9	-	-
128	4.9	-	-
136	4.9	-	-
144	4.9	-	-
152	4.9	-	-
160	4.8	-	-
168	4.2	-	-
176	3.2	-	-




# Operation

HAV-VA

71,900 lbs		26.70 ft x 24.60 ft		360°			ASME B30.5		
 40.7 ft									
  76.8 ft									
  108.3 ft									
ft									
1,000 lbs									
16	38.0	-	-	-	-	-	-	-	-
18	36.5	-	-	-	-	-	-	-	-
20	35.0	-	-	17.2	-	-	-	-	-
24	32.0	-	-	16.8	-	-	-	-	-
28	28.8	-	-	16.4	-	-	-	-	-
32	25.9	22.4	-	16.1	-	-	-	-	-
36	23.6	20.7	-	15.9	-	-	-	-	-
40	21.5	19.0	17.5	15.5	-	-	-	-	-
48	18.0	16.6	15.4	14.1	13.0	-	-	-	-
56	15.6	14.4	13.7	12.5	11.5	-	-	-	-
64	13.6	12.8	12.4	11.1	10.2	-	-	-	-
72	12.2	11.5	11.1	9.9	9.1	-	-	-	-
80	10.9	10.4	10.2	8.9	8.3	-	-	-	-
88	9.8	9.4	9.4	7.9	7.4	-	-	-	-
96	8.8	8.8	-	7.1	6.6	-	-	-	-
104	8.2	8.2	-	6.5	6.0	-	-	-	-
112	-	-	-	5.7	5.5	-	-	-	-
120	-	-	-	5.2	5.2	-	-	-	-
128	-	-	-	5.0	4.7	-	-	-	-
136	-	-	-	4.5	-	-	-	-	-

 121.4 ft									
  76.8 ft									
  108.3 ft									
ft									
1,000 lbs									
36	21.4	-	-	-	-	-	-	-	-
40	21.1	-	-	11.9	-	-	-	-	-
48	20.8	-	-	11.8	-	-	-	-	-
56	19.9	17.7	-	11.6	-	-	-	-	-
64	18.7	16.4	14.5	11.3	-	-	-	-	-
72	17.4	15.0	13.7	11.0	10.2	-	-	-	-
80	16.1	14.0	12.9	10.7	9.6	-	-	-	-
88	14.8	13.2	12.2	10.1	8.9	-	-	-	-
96	13.8	12.4	11.5	9.4	8.3	-	-	-	-
104	12.9	11.6	10.9	8.9	7.8	-	-	-	-
112	12.1	11.0	10.3	8.3	7.3	-	-	-	-
120	11.2	10.5	10.0	7.9	6.9	-	-	-	-
128	10.2	9.8	9.6	7.5	6.5	-	-	-	-
136	8.7	9.2	9.1	7.0	6.2	-	-	-	-
144	7.3	8.0	8.4	6.6	5.8	-	-	-	-
152	6.6	6.9	7.1	6.1	5.5	-	-	-	-
160	6.1	6.1	5.6	5.4	5.2	-	-	-	-
168	5.1	5.5	-	4.8	4.9	-	-	-	-
176	4.7	4.7	-	4.3	4.5	-	-	-	-
184	2.6	2.7	-	3.5	4.0	-	-	-	-
192	-	-	-	3.0	3.4	-	-	-	-
200	-	-	-	2.6	3.0	-	-	-	-


 202.1 ft									
  76.8 ft									
  108.3 ft									
ft									
1,000 lbs									
64	7.5	-	-	-	-	-	-	-	-
72	7.5	-	-	3.7	-	-	-	-	-
80	7.5	7.3	-	3.7	-	-	-	-	-
88	7.5	7.3	6.4	3.7	-	-	-	-	-
96	7.5	7.3	6.3	3.7	-	-	-	-	-
104	7.5	7.3	6.2	3.7	3.7	-	-	-	-
112	7.5	7.3	6.0	3.7	3.7	-	-	-	-
120	7.2	7.3	6.0	3.7	3.7	-	-	-	-
128	6.1	6.9	5.8	3.7	3.7	-	-	-	-
136	4.9	6.0	5.7	3.3	3.7	-	-	-	-
144	3.8	4.9	5.5	2.3	3.7	-	-	-	-
152	2.8	3.9	4.7	-	3.4	-	-	-	-
160	-	3.0	3.7	-	-	-	-	-	-

 223.1 ft									
  76.8 ft									
ft									
1,000 lbs									
72	4.9	-	-	-	-	-	-	-	-
80	4.9	-	-	-	-	-	-	-	-
88	4.9	-	-	-	-	-	-	-	-
96	4.9	-	-	-	-	-	-	-	-
104	4.9	-	-	-	-	-	-	-	-
112	4.9	-	-	-	-	-	-	-	-
120	4.9	-	-	-	-	-	-	-	-
128	4.4	-	-	-	-	-	-	-	-
136	3.3	-	-	-	-	-	-	-	-


# Operation

HAV-VA


 56,000 lbs  26.70 ft x 24.60 ft 360° ASME B30.5

 40.7 ft


ft	76.8 ft			108.3 ft		
	0°	20°	40°	0°	20°	40°
	1,000 lbs					
16	38.0	-	-	-	-	-
18	36.5	-	-	-	-	-
20	35.0	-	-	17.2	-	-
24	32.0	-	-	16.8	-	-
28	28.8	-	-	16.4	-	-
32	25.9	22.4	-	16.1	-	-
36	23.6	20.7	-	15.9	-	-
40	21.5	19.0	17.5	15.5	-	-
48	18.0	16.6	15.4	14.1	13.0	-
56	15.6	14.4	13.7	12.5	11.5	-
64	13.6	12.8	12.4	11.1	10.2	-
72	12.2	11.5	11.1	9.9	9.1	-
80	10.9	10.4	10.2	8.9	8.3	-
88	9.8	9.4	9.4	7.9	7.4	-
96	8.8	8.8	-	7.1	6.6	-
104	8.2	8.2	-	6.5	6.0	-
112	-	-	-	5.7	5.5	-
120	-	-	-	5.2	5.2	-
128	-	-	-	5.0	4.7	-
136	-	-	-	4.5	-	-

 121.4 ft

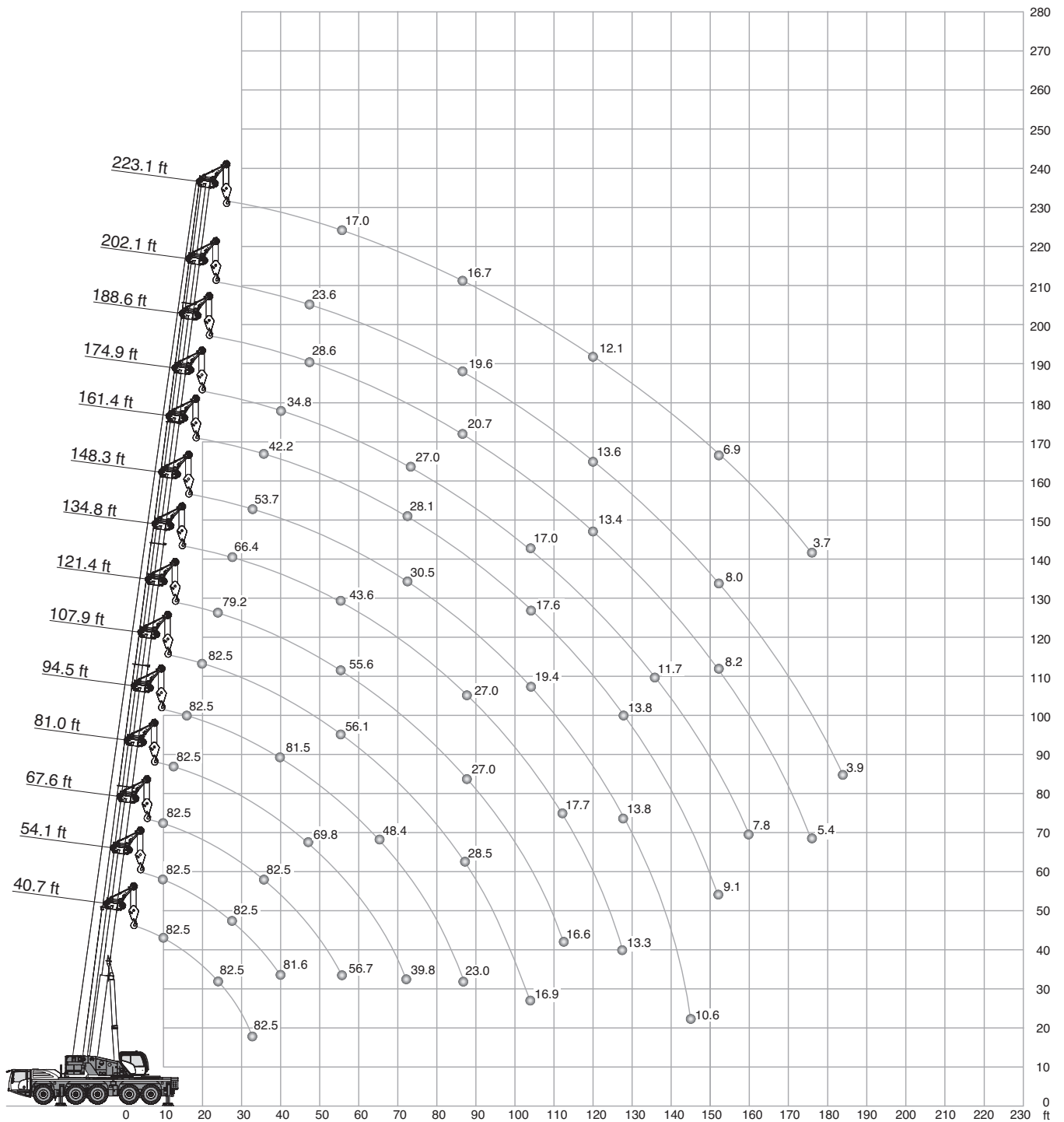
ft	76.8 ft			108.3 ft		
	0°	20°	40°	0°	20°	40°
	1,000 lbs					
36	21.4	-	-	-	-	-
40	21.1	-	-	11.9	-	-
48	20.8	-	-	11.8	-	-
56	19.9	17.7	-	11.6	-	-
64	18.7	16.4	14.5	11.3	-	-
72	17.4	15.0	13.7	11.0	10.2	-
80	16.1	14.0	12.9	10.7	9.6	-
88	14.8	13.2	12.2	10.1	8.9	-
96	13.8	12.4	11.5	9.4	8.3	-
104	12.7	11.6	10.9	8.9	7.8	-
112	10.9	10.9	10.3	8.3	7.3	-
120	9.6	10.0	9.9	7.8	6.9	-
128	8.3	8.9	9.0	7.3	6.5	-
136	7.2	7.6	8.0	6.7	6.2	-
144	6.4	6.6	6.8	5.8	5.8	-
152	5.5	5.8	6.0	5.0	5.5	-
160	5.0	5.1	5.0	4.4	5.0	-
168	4.2	4.5	-	3.6	4.1	-
176	3.8	3.8	-	3.1	3.6	-
184	2.6	2.7	-	2.6	3.0	-

 202.1 ft

ft	76.8 ft			108.3 ft		
	0°	20°	40°	0°	20°	40°
	1,000 lbs					
64	7.5	-	-	-	-	-
72	7.5	-	-	3.7	-	-
80	7.5	7.3	-	3.7	-	-
88	7.5	7.3	6.4	3.7	-	-
96	7.5	7.3	6.3	3.7	-	-
104	7.1	7.3	6.2	3.7	3.7	-
112	5.9	7.2	6.0	3.7	3.7	-
120	4.5	5.9	6.0	-	3.7	-
128	3.2	4.5	5.4	-	3.6	-
136	-	3.3	4.4	-	2.9	-
144	-	2.3	3.1	-	-	-

 223.1 ft

ft	76.8 ft		
	0°	20°	40°
	1,000 lbs		
72	4.9	-	-
80	4.9	-	-
88	4.9	-	-
96	4.9	-	-
104	4.9	-	-
112	4.1	-	-



# Operation

101,400 lbs		26.70 ft x 24.60 ft										360°			ASME B30.5		
		(ft)															
		40.7	54.1	67.6	81.0	94.5	107.9	121.4	134.8	148.3	161.4	174.9	188.6	202.1	223.1		
ft	1,000 lbs														ft		
10	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	10	
12	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	12	
14	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	14	
16	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	16	
18	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	18	
20	82.5	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	20	
24	82.5	82.5	82.5	82.5	82.5	82.5	82.5	79.2	-	-	-	-	-	-	-	24	
28	82.5	82.5	82.5	82.5	82.5	82.5	82.5	76.3	66.4	-	-	-	-	-	-	28	
32	82.5	82.5	82.5	82.5	82.5	82.5	82.5	74.2	64.6	53.7	-	-	-	-	-	32	
36	-	82.5	82.5	82.5	82.5	82.5	82.0	71.7	61.2	52.1	42.2	-	-	-	-	36	
40	-	81.6	81.5	81.6	81.5	81.5	80.6	69.0	57.4	50.1	41.3	34.8	-	-	-	40	
48	-	-	68.7	69.8	68.9	67.5	63.0	50.2	44.8	39.0	34.2	28.6	23.6	-	-	48	
56	-	-	56.7	57.8	56.8	56.1	55.6	43.6	39.6	35.3	32.3	28.1	23.6	17.0	-	56	
64	-	-	33.2	47.6	48.4	47.9	46.1	37.7	34.9	31.4	29.9	26.8	23.4	17.0	-	64	
72	-	-	-	39.8	40.7	39.6	37.9	33.0	30.5	28.1	27.0	25.0	22.5	17.0	-	72	
80	-	-	-	-	34.7	33.4	31.8	29.2	26.8	24.7	24.0	22.8	21.1	17.0	-	80	
88	-	-	-	-	23.0	28.5	27.0	27.0	23.8	21.9	21.5	20.7	19.6	16.7	-	88	
96	-	-	-	-	-	24.6	23.4	24.0	21.2	19.6	19.0	18.6	18.0	15.8	-	96	
104	-	-	-	-	-	16.9	22.2	20.7	19.4	17.6	17.0	16.8	16.5	14.7	-	104	
112	-	-	-	-	-	-	16.6	17.7	18.0	16.0	15.1	14.9	14.9	13.4	-	112	
120	-	-	-	-	-	-	9.7	15.7	16.0	14.8	13.8	13.4	13.6	12.1	-	120	
128	-	-	-	-	-	-	-	13.3	13.8	13.8	12.7	12.3	12.0	10.9	-	128	
136	-	-	-	-	-	-	-	9.4	12.0	12.1	11.7	11.1	10.1	9.7	-	136	
144	-	-	-	-	-	-	-	-	10.6	10.6	10.2	9.6	8.9	8.4	-	144	
152	-	-	-	-	-	-	-	-	-	9.1	8.9	8.2	8.0	6.9	-	152	
160	-	-	-	-	-	-	-	-	-	-	7.8	6.9	6.9	5.7	-	160	
168	-	-	-	-	-	-	-	-	-	-	-	5.9	5.7	4.6	-	168	
176	-	-	-	-	-	-	-	-	-	-	-	5.4	4.8	3.7	-	176	
184	-	-	-	-	-	-	-	-	-	-	-	-	3.9	-	-	184	
1)	39.0	29.1	22.9	18.1	14.6	11.5	9.0	6.8	4.9	3.7	-	-	-	-	-	1)	

1) Capacities with horizontal boom

# Operation

MS

71,900 lbs		26.70 ft x 24.60 ft										360°		ASME B30.5			
		(ft)															
		40.7	54.1	67.6	81.0	94.5	107.9	121.4	134.8	148.3	161.4	174.9	188.6	202.1	223.1		
ft	1,000 lbs														ft		
10	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	10	
12	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	12	
14	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	14	
16	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	16	
18	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	18	
20	82.5	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	20	
24	82.5	82.5	82.5	82.5	82.5	82.5	82.5	79.2	-	-	-	-	-	-	-	24	
28	82.5	82.5	82.5	82.5	82.5	82.5	82.5	76.3	66.4	-	-	-	-	-	-	28	
32	82.5	82.5	82.5	82.5	82.5	82.5	82.5	74.2	64.6	53.7	-	-	-	-	-	32	
36	-	81.5	81.0	81.5	81.1	79.3	71.7	61.2	52.1	42.2	-	-	-	-	-	36	
40	-	78.7	77.6	78.8	77.8	74.5	68.6	57.4	50.1	41.3	34.8	-	-	-	-	40	
48	-	-	59.2	58.7	57.4	58.7	57.0	50.2	44.8	39.0	34.2	28.6	23.6	-	-	48	
56	-	-	45.9	47.3	47.1	45.9	43.9	42.2	39.6	35.3	32.3	28.1	23.6	17.0	-	56	
64	-	-	30.1	38.5	37.8	36.7	34.7	34.4	33.0	31.4	29.9	26.8	23.4	17.0	-	64	
72	-	-	-	31.7	31.0	29.9	29.6	29.2	27.3	27.0	26.5	25.0	22.5	17.0	-	72	
80	-	-	-	-	26.0	25.2	25.8	24.2	24.0	22.6	22.6	22.3	21.1	17.0	-	80	
88	-	-	-	-	16.0	22.8	22.0	21.0	20.8	20.0	19.4	19.2	18.9	16.7	-	88	
96	-	-	-	-	-	19.9	18.6	18.8	17.3	17.5	17.0	16.4	15.7	14.8	-	96	
104	-	-	-	-	-	13.8	16.3	16.2	15.8	14.9	14.8	13.6	13.5	12.2	-	104	
112	-	-	-	-	-	-	10.5	14.0	14.0	13.3	12.7	12.0	11.3	10.0	-	112	
120	-	-	-	-	-	-	9.7	12.5	11.9	11.5	11.0	10.6	9.3	8.2	-	120	
128	-	-	-	-	-	-	-	10.0	10.4	9.7	9.8	8.8	7.5	6.4	-	128	
136	-	-	-	-	-	-	-	9.4	9.3	8.3	8.3	7.4	6.0	4.9	-	136	
144	-	-	-	-	-	-	-	-	5.8	7.5	7.1	6.0	4.7	3.6	-	144	
152	-	-	-	-	-	-	-	-	-	4.7	5.8	4.9	3.6	-	-	152	
160	-	-	-	-	-	-	-	-	-	-	5.0	3.9	-	-	-	160	
1)	39.0	29.1	22.9	18.1	14.6	11.5	9.0	6.8	4.9	3.7	-	-	-	-	-	1)	

1) Capacities with horizontal boom

# Operation

56,000 lbs		26.70 ft x 24.60 ft														360°		ASME B30.5	
		(ft)																	
		40.7	54.1	67.6	81.0	94.5	107.9	121.4	134.8	148.3	161.4	174.9	188.6	202.1	223.1				
ft	1,000 lbs														ft				
10	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
12	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	12		
14	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	14		
16	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	16		
18	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	18		
20	82.5	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	20		
24	82.5	82.5	82.5	82.5	82.5	82.5	82.5	79.2	-	-	-	-	-	-	-	-	24		
28	82.5	82.5	82.5	82.5	82.5	82.5	82.5	76.3	66.4	-	-	-	-	-	-	-	28		
32	82.5	82.5	82.5	82.5	82.5	82.5	82.5	74.2	64.6	53.7	-	-	-	-	-	-	32		
36	-	76.2	76.6	76.3	75.7	73.8	69.2	61.2	52.1	42.2	-	-	-	-	-	-	36		
40	-	68.1	68.8	68.3	67.0	65.8	63.2	57.1	50.1	41.3	34.8	-	-	-	-	-	40		
48	-	-	50.8	52.4	51.9	50.6	48.6	46.2	43.5	38.9	34.2	28.6	23.6	-	-	-	48		
56	-	-	40.7	40.7	40.1	39.0	37.6	37.0	35.5	33.5	31.5	28.1	23.6	17.0	-	-	56		
64	-	-	24.0	32.6	31.9	30.8	31.4	30.1	29.0	28.1	27.5	25.8	23.4	17.0	-	-	64		
72	-	-	-	26.6	25.9	27.0	25.9	24.7	24.8	23.9	23.4	23.2	21.7	17.0	-	-	72		
80	-	-	-	-	22.9	22.6	21.5	21.9	20.7	20.4	20.6	19.2	18.5	16.5	-	-	80		
88	-	-	-	-	14.4	19.1	19.1	18.3	18.2	17.6	17.0	16.6	15.2	13.3	-	-	88		
96	-	-	-	-	-	16.1	16.5	16.1	15.3	14.8	14.5	13.9	12.4	10.7	-	-	96		
104	-	-	-	-	-	13.8	14.0	14.0	13.3	12.3	12.4	11.3	10.0	8.4	-	-	104		
112	-	-	-	-	-	-	10.5	11.8	11.1	10.9	10.3	9.4	8.1	6.5	-	-	112		
120	-	-	-	-	-	-	9.7	10.2	9.4	9.5	8.4	7.6	6.2	4.9	-	-	120		
128	-	-	-	-	-	-	-	8.7	7.9	7.9	6.9	6.1	4.7	3.5	-	-	128		
136	-	-	-	-	-	-	-	7.5	6.6	6.6	5.8	4.7	3.4	-	-	-	136		
144	-	-	-	-	-	-	-	-	3.4	5.6	4.7	3.6	2.3	-	-	-	144		
152	-	-	-	-	-	-	-	-	-	-	3.6	-	-	-	-	-	152		
160	-	-	-	-	-	-	-	-	-	-	2.8	-	-	-	-	-	160		
1)	39.0	29.1	22.9	18.1	14.6	11.5	9.0	6.8	4.9	3.7	-	-	-	-	-	-	1)		

1) Capacities with horizontal boom

☰ 13,900 lbs		26.70 ft x 24.60 ft										360°		ASME B30.5		
		40.7	54.1	67.6	81.0	94.5	107.9	121.4	134.8	148.3	161.4	174.9	188.6	202.1	223.1	
ft		(ft)														ft
		1,000 lbs														
10		82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	10
12		82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	12
14		82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	14
16		82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	16
18		82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	18
20		82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	20
24		82.5	82.5	82.5	81.3	79.4	78.8	73.1	-	-	-	-	-	-	-	24
28		73.3	75.3	75.7	72.0	70.4	65.1	60.8	56.6	-	-	-	-	-	-	28
32		55.4	59.0	60.3	61.6	57.8	53.8	51.2	47.9	43.7	-	-	-	-	-	32
36		-	48.0	50.5	50.7	48.6	46.0	44.6	41.0	38.7	35.2	-	-	-	-	36
40		-	39.1	40.7	40.9	40.5	41.0	38.1	36.9	35.0	33.1	30.9	-	-	-	40
48		-	-	29.8	30.8	30.6	30.0	30.3	29.4	27.6	26.7	24.6	22.3	19.4	-	48
56		-	-	22.6	23.4	23.3	23.5	23.4	22.6	21.5	20.7	18.9	16.8	14.5	12.2	56
64		-	-	17.5	18.1	18.5	18.4	18.2	17.5	16.7	16.2	14.5	12.5	10.3	8.0	64
72		-	-	-	14.2	14.6	14.4	14.2	13.5	12.7	12.4	10.9	8.9	6.9	4.9	72
80		-	-	-	-	11.5	11.3	11.1	10.4	9.5	9.5	8.2	6.5	4.5	-	80
88		-	-	-	-	9.2	9.0	8.8	8.1	7.2	7.2	6.0	4.2	-	-	88
96		-	-	-	-	-	7.0	6.7	6.1	5.3	5.3	4.2	-	-	-	96
104		-	-	-	-	-	5.5	5.0	4.4	3.7	3.7	2.8	-	-	-	104
112		-	-	-	-	-	-	3.9	3.0	-	-	-	-	-	-	112
1)		39.0	24.3	16.8	11.5	8.2	5.1	2.9	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom



# Operation

8,200 lbs		26.70 ft x 24.60 ft										360°			ASME B30.5		
		(ft)															
		40.7	54.1	67.6	81.0	94.5	107.9	121.4	134.8	148.3	161.4	174.9	188.6	202.1	223.1		
ft	1,000 lbs														ft		
10	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	10	
12	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	12	
14	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	14	
16	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	16	
18	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	18	
20	82.5	82.5	82.5	82.5	82.3	82.1	-	-	-	-	-	-	-	-	-	20	
24	80.4	81.8	80.8	79.1	77.4	74.0	68.1	-	-	-	-	-	-	-	-	24	
28	66.8	70.7	69.9	67.9	64.1	59.2	55.1	51.9	-	-	-	-	-	-	-	28	
32	49.7	53.4	56.2	55.9	52.2	49.6	47.3	44.5	40.7	-	-	-	-	-	-	32	
36	-	44.0	45.7	45.9	43.7	43.4	39.9	38.6	35.8	33.4	-	-	-	-	-	36	
40	-	35.0	36.8	36.8	38.3	36.6	35.7	34.3	32.4	29.8	27.5	-	-	-	-	40	
48	-	-	27.0	27.9	27.5	27.9	27.6	25.9	24.3	23.5	21.5	19.3	16.8	-	-	48	
56	-	-	20.0	20.8	21.1	21.2	21.0	19.9	18.6	17.9	16.2	14.1	11.8	9.5	-	56	
64	-	-	15.0	15.9	16.5	16.3	15.9	15.2	14.3	13.6	12.0	10.0	7.8	5.6	-	64	
72	-	-	-	12.0	12.6	12.4	12.2	11.5	10.7	10.2	8.7	6.9	4.7	2.7	-	72	
80	-	-	-	-	9.8	9.5	9.3	8.7	7.8	7.6	6.3	4.5	-	-	-	80	
88	-	-	-	-	7.7	7.3	7.1	6.4	5.7	5.6	4.2	-	-	-	-	88	
96	-	-	-	-	-	5.6	5.3	4.7	3.8	3.9	-	-	-	-	-	96	
104	-	-	-	-	-	4.1	3.9	3.1	-	2.4	-	-	-	-	-	104	
1)	34.8	21.4	14.6	9.7	6.6	4.0	-	-	-	-	-	-	-	-	-	1)	

1) Capacities with horizontal boom

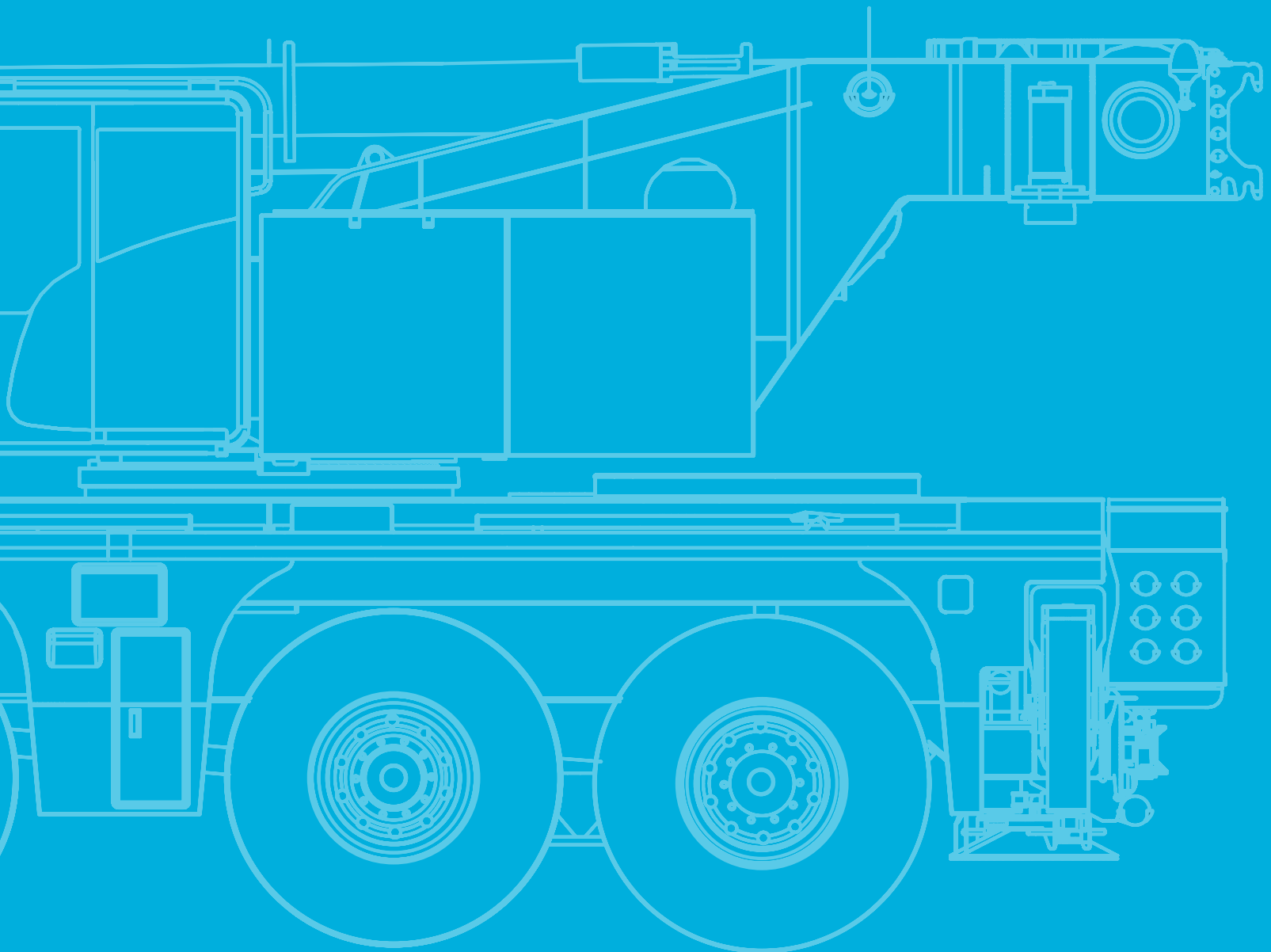
# Notes to Lifting Capacity

Ratings are in compliance with ASME B30.5.  
Lifting capacities do not exceed 85 % of tipping load.

Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.  
Consult operation manual for further details.

**Note:** Data published herein is intended as a guide only and shall not be construed to warrant applicability for lifting purposes.  
Crane operation is subject to the computer charts and operation manual both supplied with the crane.

# TECHNICAL DESCRIPTION



# Technical Description

## Basic machine

### Equipment carrier

<b>Engine 405-5</b>	Scania DC13; Diesel engine; 405 kW / 2100 1/min (550 HP), torque 2476 Nm / 1400 1/min; The engine complies with EU Stage V; Exhaust system complete stainless steel.
<b>Fuel tank</b>	127 gallons Diesel (no RME / biodiesel); 16 gallons AdBlue tank.
<b>Transmission ZF TraXon</b>	Automated gearbox with integrated hydraulic retarder, 12 forward speeds and 2 reverse; 2-stage transfer case with switchable longitudinal lock.
<b>Axles 10 x 6 x 10</b>	All 5 axles steered, axles 2, 4, 5 are driven and dispose of a selectable transverse lock; Axle 4 with selectable longitudinal lock.
<b>Suspension</b>	Hydropneumatic suspension with axle load compensation; Hydraulically lockable.
<b>Steering</b>	Dual-circuit steering system with independent rear axle steering; Axles 1, 2, 3 mechanically connected; Axles 4 and 5 electro-hydraulically connected, all axles steered with 6 different steering programs.
<b>Brakes</b>	Pneumatic dual circuit service brake, acting on all wheels; Disc brakes; Hydraulic retarder integrated into transmission as wear-free sustained-action brake; Additional exhaust brake; Parking brake.
<b>Tires</b>	Tires size 385/95 R25 (14.00R25); Steel rim 9,5-25/1,7“.
<b>Cab 2550</b>	Type 8.4 ft; Adjustable driver seat, armrests and pneumatic suspension; Height and tilt-adjustable steering wheel; Auxiliary / passenger seat; Powered door windows; Tinted glass; Central door locking; Electrically adjustable rear-view mirrors, heated; Radio; Seat heating; Heating engine-dependent; Aircondition.
<b>Drive lights</b>	Including low beam, upper beam, daytime running lights, fog lights and cornering lights.
<b>Central lubrication</b>	Automatic central lubrication system for the lubricating points at the carrier.
<b>Outriggers</b>	H-4-point design; Vertical and horizontal movement fully hydraulic; Manual or automatic levelling alternatively; 3 outrigger bases: 8.3 ft, 17.4 ft, 24.6 ft. 4 round polyamide outrigger pads A = 1.25 ft² with transport position at vertical cylinder.
<b>Outrigger basis monitoring</b>	Individual monitoring of horizontal stroke; Deviation warning in crane cab.
<b>Outrigger load indicator</b>	The outrigger load is indicated in the operator cab and the outrigger control box.
<b>Electronic immobilizer system</b>	Prevents uncontrolled carrier mobilization; Incl. 5 ignition keys.
<b>Pneumatic tire filling plug</b>	For self-inflating of the wheels.

### Equipment superstructure

<b>Telescopic boom HA68</b>	40.7 ft - 223.1 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 4 sheaves integrated in boom head for max. capacity of 168,900 lbs.
<b>Boom luffing</b>	1 luffing cylinder with automatic lowering brake valve.
<b>Rotary drive</b>	Single slewing gear unit with spring-loaded multi-disc brake; Different operating modes selectable.
<b>H1</b>	Hoist with spring-loaded multi-disc brake; Resolver (hoist rotation indicator); Incl. hoist monitoring.
<b>Counterweight 71,900 lbs</b>	6 pieces (①-⑥); Automatic rigging system.
<b>Control system</b>	Enabling 4 simultaneous working movements; Electric pilot controls via 2 two-axis joysticks; Different control modes selectable for hydraulic circuits.
<b>Operator aids</b>	IC-1, with integrated electronic load moment indicator in accordance with EN13000; Color display; Displaying of current operating conditions, load charts, fault indicator; Signal lights indicating LMI-load; Crane data logger.
<b>Working range limiter</b>	Displaying and programmability of the work range limits by IC-1.
<b>IC-1 Plus</b>	Smart crane control system for main boom operation enabling higher lifting capacities especially over outriggers. Enables safe use of the full capacity of the crane even in asymmetric outrigger configurations. Outriggers can be positioned independently. Capacity precalculation for +/- 30° slewing angle and radius area. In-cab lift simulation.
<b>IC-1 Remote</b>	IC-1 Remote, Tadano telematic system.
<b>Cab 875</b>	Type 2.87 ft; Tilt infinitely variable 16°; Sliding window rear; Fold-out front window; Extendable side pedestal, front pedestal; Handrails; Tinted safety glass; Pull-down sun visor; Radio; Seat heating; Heating engine-independent; Aircondition.
<b>Central lubrication</b>	Automatic central lubrication system for the lubricating points at the superstructure.

# Technical Description

## Additional equipment

### Carrier

<b>Engine 405-4</b>	Scania DC13; Diesel engine; 405 kW / 2100 1/min (550 HP), torque 2476 Nm / 1400 1/min; The engine complies with Tier 4F; Exhaust system complete stainless steel.
<b>Engine 331-3</b>	Scania DC13; Diesel engine; 331 kW / 2100 1/min (450 HP), torque 2007 Nm / 1575 1/min; The engine complies with EU Stage III A / Tier 3; Exhaust system optional with spark arrester.
<b>Axles 10 x 8 x 10</b>	All 5 axles steered, axles 1, 2, 4, 5 are driven and dispose of a selectable transverse lock; Axles 2 and 4 with selectable longitudinal lock.
<b>Additional fuel tank</b>	37 gallons; For 164 gallons diesel total in carrier (no RME/biodiesel).

### Superstructure

<b>Heavy lift attachment</b>	2 additional sheaves; Dis-/connectable; For total 6 sheaves at boom head; Max. capacity 244,800 lbs.
<b>2. hoist (H2)</b>	Spring-loaded multi-disc brake; Integrated resolver (hoist rotation indicator); Incl. quick couplings and transport rack.
<b>Additional counterweight 29,600 lbs</b>	2 pieces (⊕); For total 101,400 lbs, 8 pieces.
<b>Load supervision camera</b>	Camera mounted on main boom head to supervise the hook block and load from above; Incl. boom head light on boom head.

### Handling

<b>Remote control</b>	Control of superstructure movements via wireless remote control.
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### Extensions

<b>HAV 37.4 ft</b>	Lattice swing-away jib, manually offsettable 20°/40°; 1-sheaved head; Incl. transport storage.
<b>HAV 68.9 ft</b>	Double folding swing-away jib, manually offsettable 20°/40°; 1-sheaved head; Incl. transport storage; Includes HAV 37.4 ft.
<b>HAV-VA 88.6 ft</b>	Variable extension; Single piece, 19.7 ft lattice boom extension and double folding swing-away jib, manually offsettable 20°/40°; 1-sheaved head; Incl. transport storage for double folding swing-away jib; Includes HAV 37.4 ft and HAV 68.9 ft.
<b>HAV-VA 108.3 ft</b>	Variable extension; Single piece, 39.4 ft lattice boom extension and double folding swing-away jib, manually offsettable 20°/40°; 1-sheaved head; Incl. transport storage for double folding swing-away jib; Includes HAV 37.4 ft, HAV 68.9 ft and HAV-VA 76.8 ft.
<b>HAV-HY</b>	Hydraulic offset 0°-40° instead of manual offset 20°/40°; Available for HAV 37.4 ft, HAV 68.9 ft, HAV-VA 88.6 ft, HAV-VA 108.3 ft.
<b>MS (runner)</b>	5.25 ft; Fixed angle runner; 2 sheaves, for max. 86,200 lbs lifting capacity; Incl. transport storage at the left side of main boom; Not transportable within 9 ft crane width.

### Hook Blocks

<b>Hook block 352,800 lbs, 7-sheaves</b>	Max. capacity 248,300 lbs; 3,660 lbs; Double hook, red with white signal stripes.
<b>Hook block 275,600 lbs, 5-sheaves</b>	Max. capacity 209,000 lbs; 2,490 lbs; Double hook, red with white signal stripes.
<b>Hook block 176,400 lbs, 3-sheaves</b>	Max. capacity 148,400 lbs; 1,870 lbs; Double hook, red with white signal stripes.
<b>Hook block 70,600 lbs, 1-sheave</b>	Max. capacity 64,800 lbs; 1,390 lbs; Double hook, red with white signal stripes.
<b>Hook 26,500 lbs</b>	Max. capacity 21,800 lbs; 770 lbs; Single hook, red.

Further additional equipment on request!

Weight data may deviate from posted values based on road / travel configuration, equipment configuration, and component weight tolerances.





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