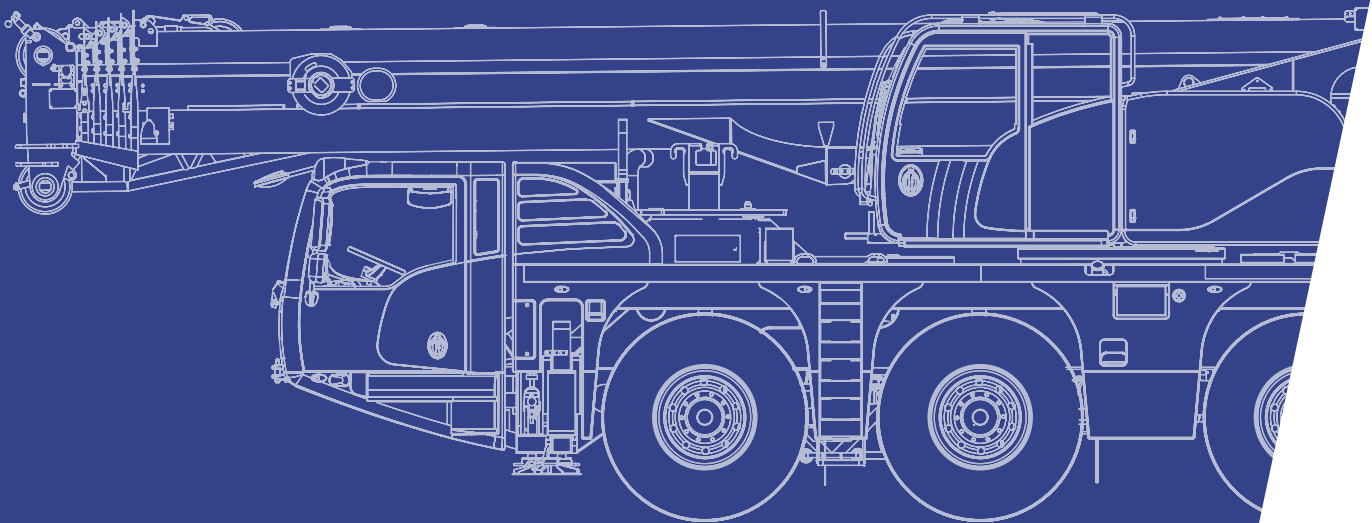


# AC 60-3



**All Terrain Crane  
65 USt Capacity class**

	Page:
Dimensions.....	4
Counterweight .....	5
Specifications.....	6
Equipment.....	7

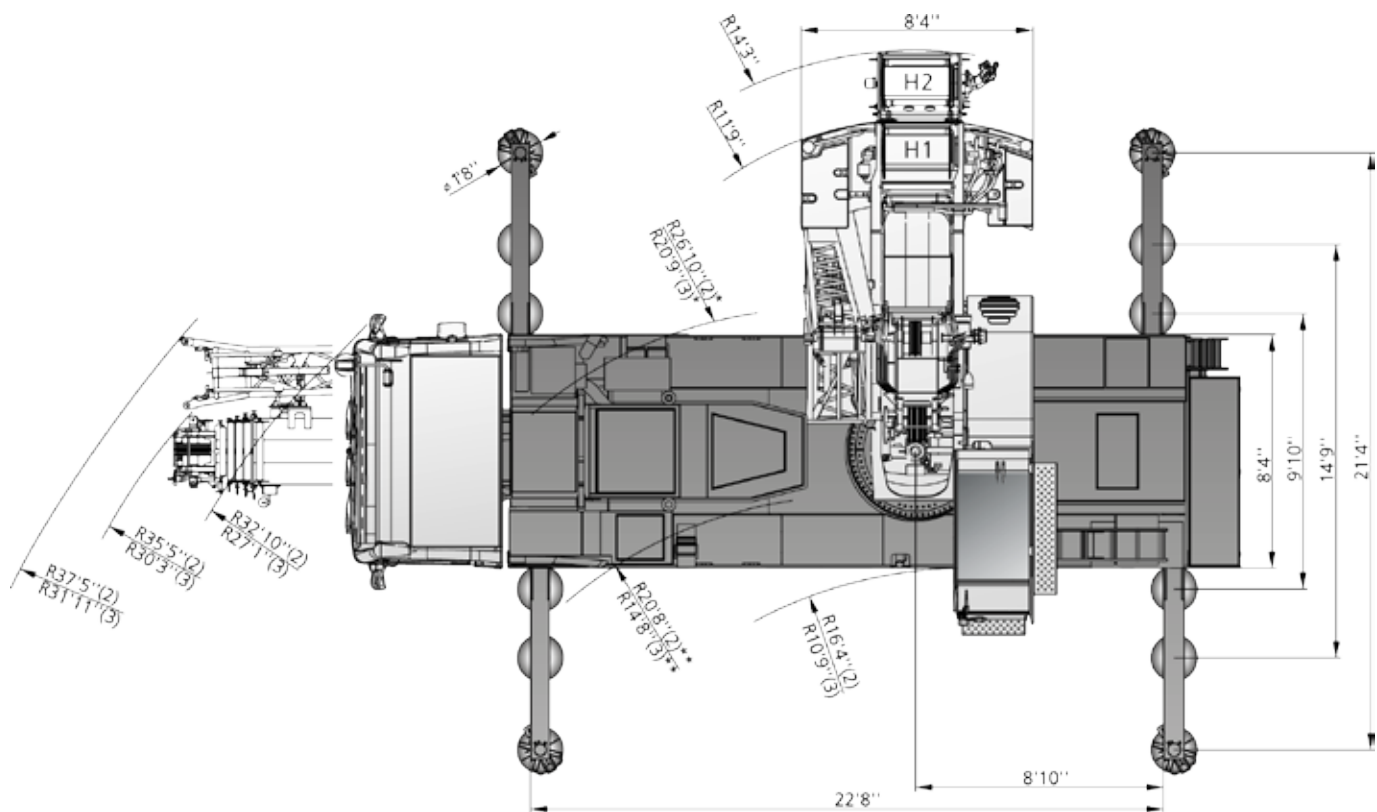
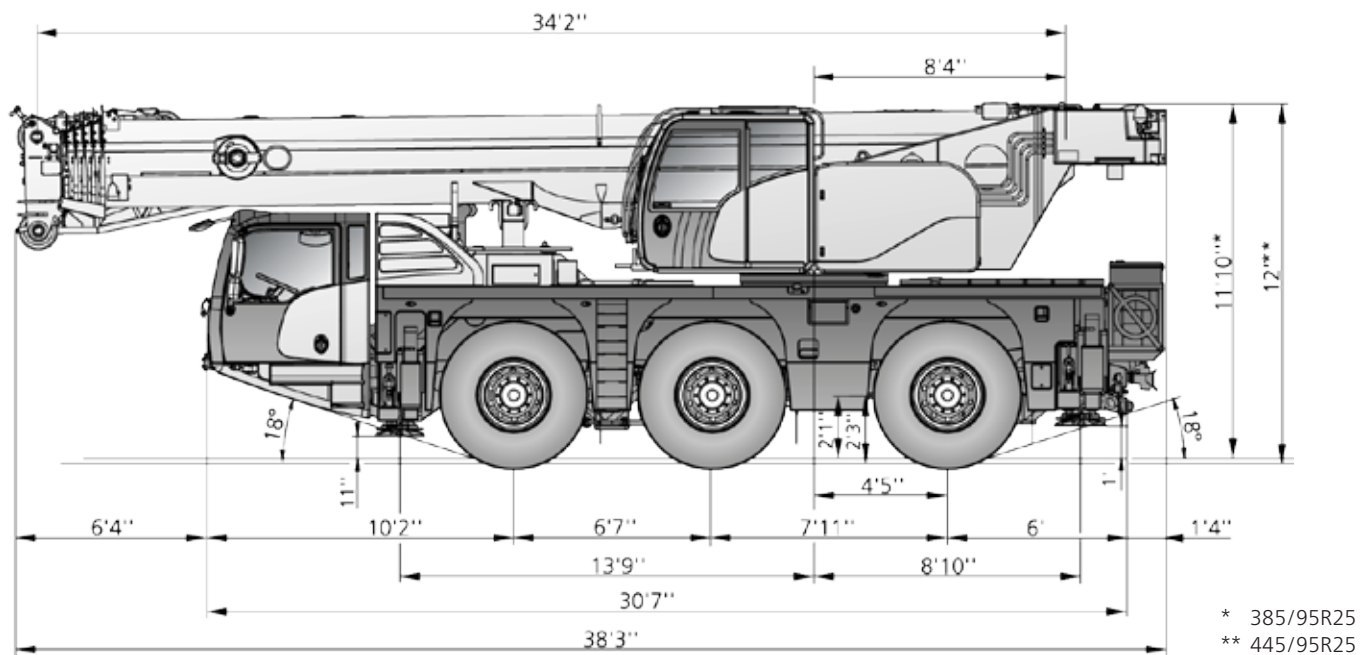
 <b>HA</b> Main boom .....	8
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 <b>HAV</b> Folding swing-away jib .....	20
--	----

 <b>MS</b> Runner .....	26
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Technical description.....	34
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	Counterweight		Slewing
	Lifting capacities on outriggers 360°		Boom telescoping
	Radius		Boom elevation
	Main boom		Working speeds
	Folding swing-away jib		Max. line pull
	Runner		Rope diameter
	Max. axle loads		Rope length
	Mechanism		Hook block (capacity-sheaves-rope diameter)
	Tires		Number of lines
	Hook block		Possible load of hook block
	Hoist		Weight of hook block
	Dolly		Distance head sheave axle – hook ground
	Travel speed		Number of sheaves in boom head
	Gradeability – road		Supporting force
	Gradeability – off road		Length of stroke (support cylinders)



(2) steering mode 2

(3) steering mode 3\*

\* outer turning radius, axle 1

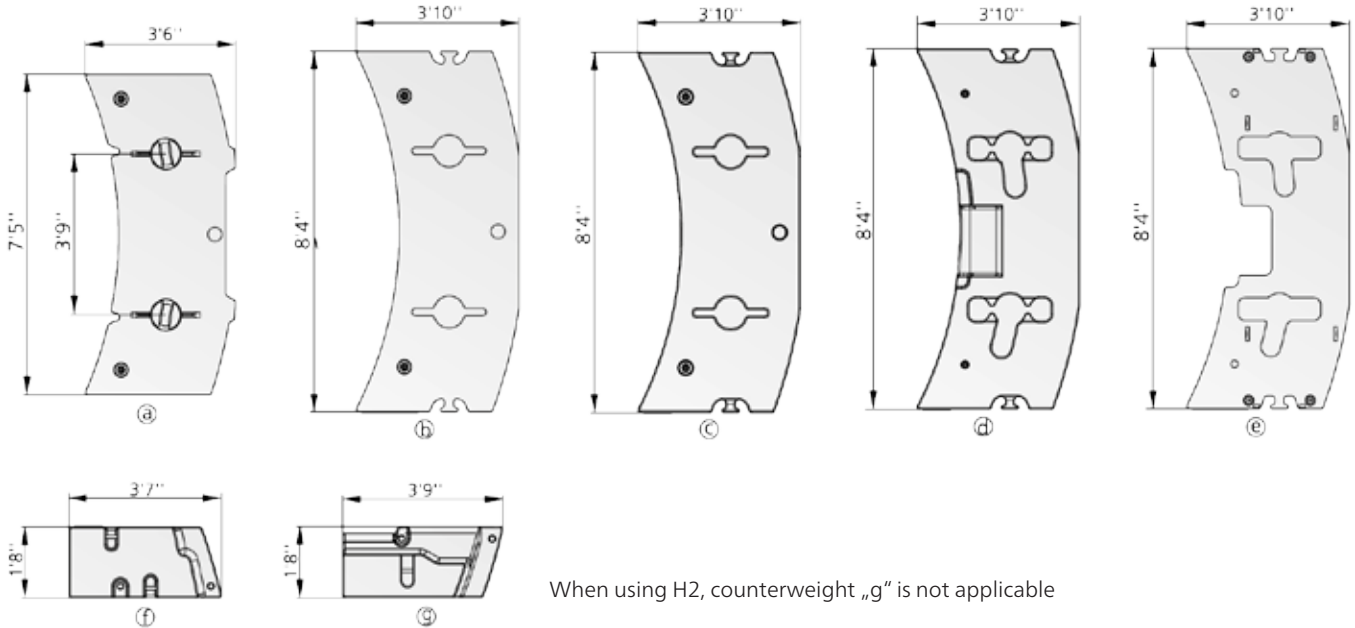
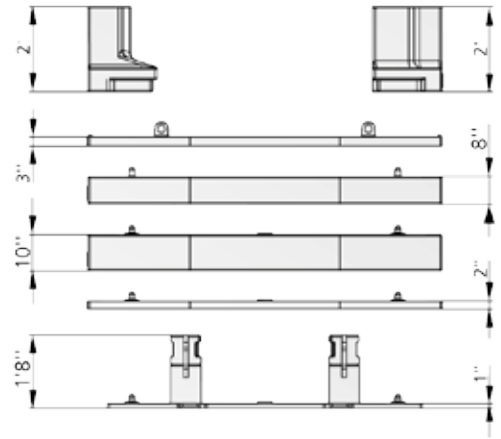
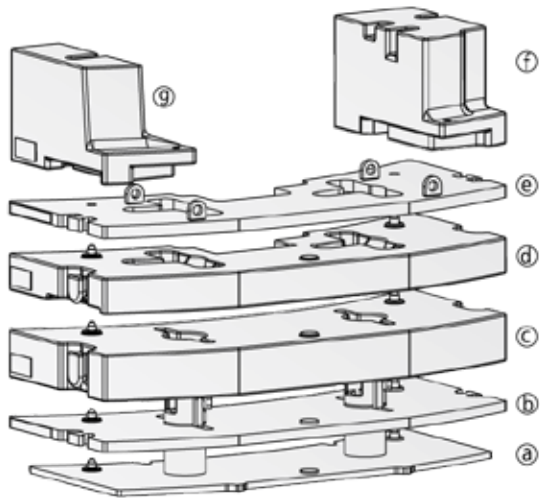
\*\* inner turning radius, axle 1

see page 6

# Counterweight

AC 60-3

## Parts










When using H2, counterweight „g“ is not applicable







## Configurations

	Ⓐ 1,300 lb	Ⓑ 2,000 lb	Ⓒ 8,300 lb	Ⓓ 6,000 lb	Ⓔ 2,000 lb	Ⓕ 4,200 lb	Ⓖ 2,900 lb
7,100 lb						X	X
8,400 lb	X					X	X
9,100 lb					X	X	X
10,400 lb	X	X				X	X
12,400 lb	X	X			X	X	X
15,100 lb				X	X	X	X
18,700 lb	X	X	X			X	X
20,700 lb	X	X	X		X	X	X
24,700 lb	X	X	X	X		X	X
26,700 lb	X	X	X	X	X	X	X



# Specifications

## AC 60-3




	Total						
< 20,100 lb			On request!				X
26,500 lb	79,400 lb	6 x 4 x 6	445/95R25	50-3B-18	10,400 lb	–	–
26,500 lb	79,400 lb	6 x 6 x 6	445/95R25	50-3-18	8,400 lb	–	–
26,500 lb	79,400 lb	6 x 6 x 6	445/95R25	50-3B-18	7,100 lb	52.5 ft	–
28,700 lb	86,000 lb	6 x 6 x 6	445/95R25	50-3-18	12,400 lb	52.5 ft	–
34,200 lb	101,400 lb	6 x 6 x 6	445/95R25	50-3-18	26,700 lb	52.5 ft	–









	1 Highway > 28 mph		4* Off-wall
	2 City < 28 mph		5* Crab steer mode
	3* Minimum turning radius < 12.4 mph		6* All wheel steering

\*must be activated

	
70,600 lb	88,200 lb
2'-1.5"	2'-4"
52.8 mph <sup>1)</sup>	

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

	385 / 95 R 25 14.00 R 25	445 / 95 R 25 16.00 R 25	525 / 80 R 25 20.50 R 25
	59 %	53 %	53 %
	> 80 %	> 80 %	> 80 %

				
1	393.7 ft/min	15,040 lbf	0.72"	656 ft
2	393.7 ft/min	15,040 lbf	0.72"	656 ft
	1,8 min <sup>-1</sup>			
	ca. 490 s (34.1 - 164.0 ft)			
	ca. 50s (-5° - 82°)			

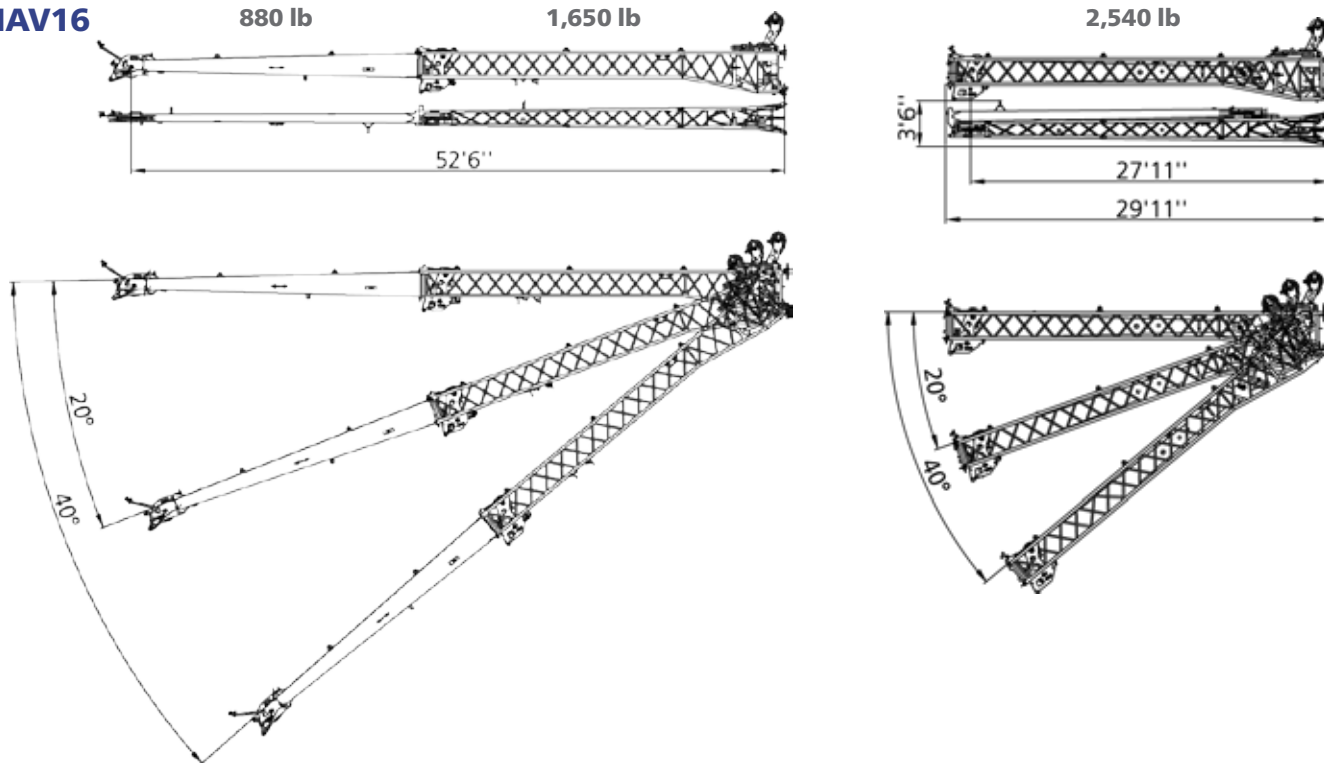
					
1	15,000 lb	8-0-18	3	375 lb	3.3 ft
2	29,600 lb	20-1-18	3	662 lb	5.9 ft
3	44,100 lb	20-1-18	3	662 lb	5.9 ft
4	58,700 lb	50-3-18	3	1,210 lb	5.9 ft
5	73,000 lb	50-3-18	3	1,210 lb	5.9 ft
6	87,100 lb	50-3-18	3	1,210 lb	5.9 ft

## HAV16

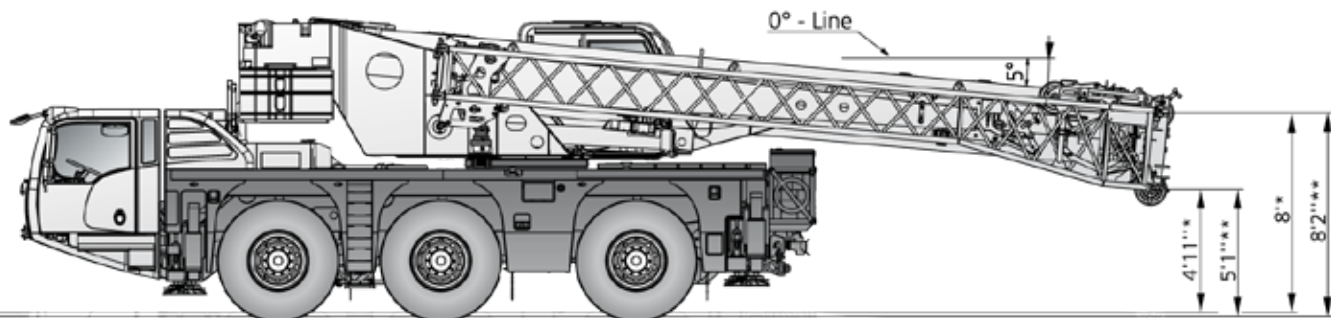
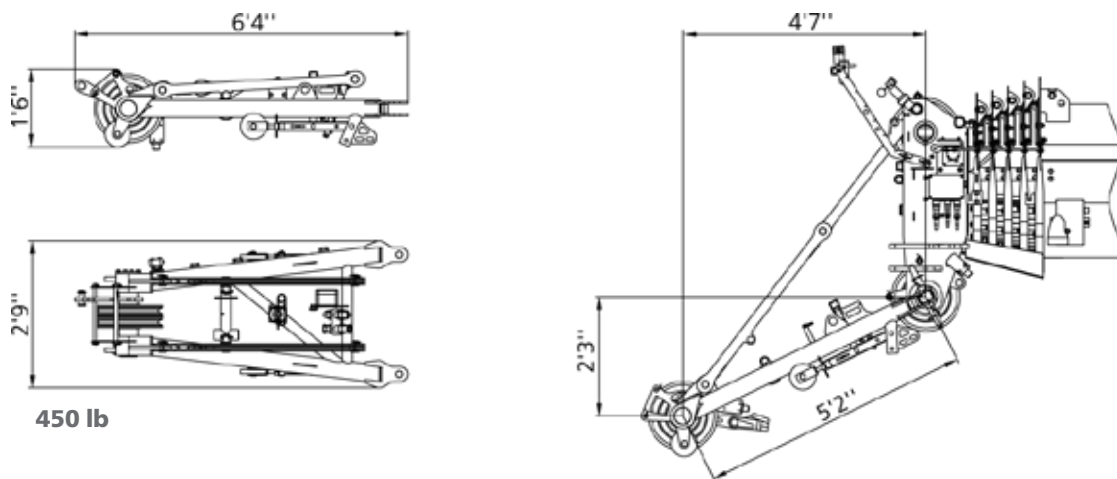
880 lb

1,650 lb

2,540 lb

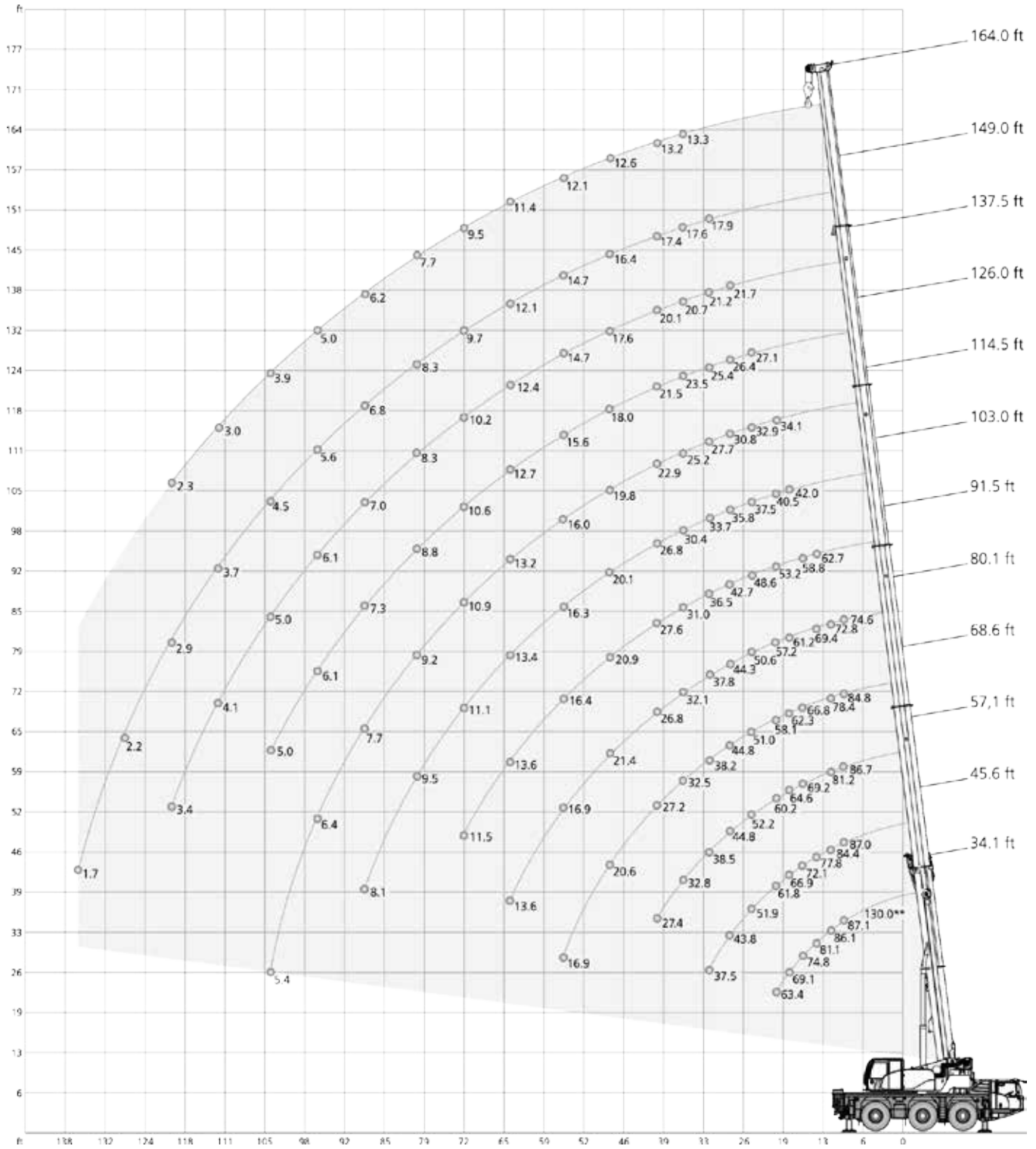
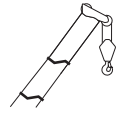


## MS



\* 385/95R25

\*\*445/95R25



\*\* Capacity class



26,700 lb		22.6 ft x 21.3 ft												360°		85 %	
ft		34.1ft*	34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft	ft		
1,000 lb																	
10	130.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
10	87.1	87.1	87.0	86.7	84.8	74.6	-	-	-	-	-	-	-	-	-	10	
12	86.1	85.8	84.4	81.2	78.4	72.8	-	-	-	-	-	-	-	-	-	12	
14	81.1	79.6	77.8	74.8	72.4	69.4	62.7	-	-	-	-	-	-	-	-	14	
16	74.8	72.3	72.1	69.2	66.8	64.9	58.8	-	-	-	-	-	-	-	-	16	
18	69.1	66.4	66.9	64.6	62.3	61.2	55.8	42.0	-	-	-	-	-	-	-	18	
20	63.4	60.7	61.8	60.2	58.1	57.2	53.2	40.5	34.1	-	-	-	-	-	-	20	
24	-	-	51.9	52.2	51.0	50.6	48.6	37.5	32.9	27.1	-	-	-	-	-	24	
28	-	-	43.8	44.8	44.8	44.3	42.7	35.8	30.8	26.4	21.7	-	-	-	-	28	
32	-	-	37.5	38.5	38.2	37.8	36.5	33.7	27.7	25.4	21.2	17.9	-	-	-	32	
36	-	-	-	32.8	32.5	32.1	31.0	30.4	25.2	23.5	20.7	17.6	13.3	-	-	36	
40	-	-	-	27.4	27.2	26.8	27.6	26.8	22.9	21.5	20.1	17.4	13.2	-	-	40	
48	-	-	-	-	20.6	21.4	20.9	20.1	19.8	18.0	17.6	16.4	12.6	-	-	48	
56	-	-	-	-	16.9	16.9	16.4	16.3	16.0	15.6	14.7	14.7	12.1	-	-	56	
64	-	-	-	-	-	13.6	13.6	13.4	13.2	12.7	12.4	12.1	11.4	-	-	64	
72	-	-	-	-	-	-	11.5	11.1	10.9	10.6	10.2	9.7	9.5	-	-	72	
80	-	-	-	-	-	-	-	9.5	9.2	8.8	8.3	8.3	7.7	-	-	80	
88	-	-	-	-	-	-	-	8.1	7.7	7.3	7.0	6.8	6.2	-	-	88	
96	-	-	-	-	-	-	-	-	6.4	6.1	6.1	5.6	5.0	-	-	96	
104	-	-	-	-	-	-	-	-	5.4	5.0	5.0	4.5	3.9	-	-	104	
112	-	-	-	-	-	-	-	-	-	-	4.1	3.7	3.0	-	-	112	
120	-	-	-	-	-	-	-	-	-	-	3.4	2.9	2.3	-	-	120	
128	-	-	-	-	-	-	-	-	-	-	-	2.2	-	-	-	128	
136	-	-	-	-	-	-	-	-	-	-	-	1.7	-	-	-	136	
1)	31.7	31.7	23.4	18.3	14.6	11.5	9.0	7.1	5.1	3.7	2.6	1.5	-	-	-	1)	

1) Capacities with horizontal boom

\* over rear

\*\* Capacity class

20,700 lb		22.6 ft x 21.3 ft										360° / Max.*		85 %
ft	360° 34.1 ft	Max. 34.1 ft	360° 45.6 ft	Max. 45.6 ft	360° 57.1 ft	Max. 57.1 ft	360° 68.6 ft	Max. 68.6 ft	360° 80.1 ft	Max. 80.1 ft	360° 91.5 ft	Max. 91.5 ft	ft	
1,000 lb														
10	87.1	87.1	87.0	87.0	86.7	86.7	84.8	84.8	74.6	74.6	-	-	10	
12	85.7	85.8	84.4	84.4	81.2	81.2	78.4	78.4	72.8	72.8	-	-	12	
14	79.3	79.6	77.8	77.8	74.8	74.8	72.4	72.4	69.4	69.4	62.7	62.7	14	
16	72.0	72.3	72.1	72.1	69.2	69.2	66.8	66.8	64.9	64.9	58.8	58.8	16	
18	65.6	66.4	66.5	66.9	64.6	64.6	62.3	62.3	61.2	61.2	55.8	55.8	18	
20	59.5	60.5	60.8	61.6	60.1	60.1	58.1	58.1	57.2	57.2	53.2	53.2	20	
24	-	-	50.1	50.1	50.3	50.3	50.1	50.1	49.8	50.0	47.2	47.7	24	
28	-	-	41.1	41.6	42.4	42.8	42.4	42.7	41.6	42.2	38.8	39.5	28	
32	-	-	33.9	34.6	34.6	35.3	34.6	35.3	34.1	34.8	32.5	33.3	32	
36	-	-	-	-	29.0	29.7	29.0	29.7	28.6	29.2	28.5	28.9	36	
40	-	-	-	-	24.2	24.8	24.2	24.8	25.0	25.5	24.4	25.0	40	
48	-	-	-	-	-	-	19.1	19.2	18.9	19.5	18.4	18.9	48	
56	-	-	-	-	-	-	15.0	15.7	14.8	15.3	14.8	15.2	56	
64	-	-	-	-	-	-	-	-	12.1	12.4	12.2	12.7	64	
72	-	-	-	-	-	-	-	-	-	9.3	10.0	10.4	72	
80	-	-	-	-	-	-	-	-	-	-	-	8.8	80	
1)	31.7	30.9	23.4	22.5	18.3	17.6	13.2	13.9	10.1	10.6	7.7	8.4	1)	

ft	360° 103.0 ft	Max. 103.0 ft	360° 114.5 ft	Max. 114.5 ft	360° 126.0 ft	Max. 126.0 ft	360° 137.5 ft	Max. 137.5 ft	360° 149.0 ft	Max. 149.0 ft	360° 164.0 ft	Max. 164.0 ft	ft
1,000 lb													
18	42.0	42.0	-	-	-	-	-	-	-	-	-	-	18
20	40.5	40.5	34.1	34.1	-	-	-	-	-	-	-	-	20
24	37.5	37.5	32.9	32.9	27.1	27.1	-	-	-	-	-	-	24
28	35.8	35.8	30.8	30.8	26.4	26.4	21.7	21.7	-	-	-	-	28
32	32.2	32.7	27.7	27.7	25.4	25.4	21.2	21.2	17.9	17.9	-	-	32
36	27.9	28.5	24.9	25.1	23.4	23.5	20.7	20.7	17.6	17.6	13.3	13.3	36
40	23.7	24.4	22.8	22.8	21.2	21.5	20.0	20.1	17.4	17.4	13.2	13.2	40
48	18.4	18.6	18.0	18.7	17.5	17.8	16.7	17.1	16.0	16.3	12.6	12.6	48
56	14.6	15.2	14.5	14.7	14.0	14.6	13.7	14.1	13.0	13.8	11.8	12.1	56
64	11.9	12.2	11.6	12.2	11.3	11.8	10.9	11.3	10.7	11.1	9.7	10.6	64
72	9.7	10.4	9.5	10.2	9.1	9.7	9.1	9.3	8.6	9.3	7.8	8.6	72
80	8.2	8.6	7.7	8.4	7.5	8.1	7.5	7.9	6.8	7.5	6.2	7.0	80
88	6.8	7.5	6.3	7.0	6.0	6.6	6.0	6.7	5.5	6.2	4.9	5.6	88
96	-	6.3	5.2	5.8	5.0	5.5	5.0	5.6	4.3	5.0	3.9	4.5	96
104	-	-	4.3	4.9	3.9	4.5	3.9	4.5	3.4	4.1	2.8	3.6	104
112	-	-	-	-	-	-	3.3	3.7	2.6	3.3	-	2.8	112
120	-	-	-	-	-	-	2.5	3.2	2.0	2.7	-	2.1	120
128	-	-	-	-	-	-	-	-	-	2.0	-	-	128
1)	6.0	6.4	4.2	4.6	2.6	3.3	2.0	2.4	-	-	-	-	1)

1) Capacities with horizontal boom

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

10,400 lb		22.6 ft x 21.3 ft										360° / Max.*		85 %
ft	360° 34.1 ft	Max. 34.1 ft	360° 45.6 ft	Max. 45.6 ft	360° 57.1 ft	Max. 57.1 ft	360° 68.6 ft	Max. 68.6 ft	360° 80.1 ft	Max. 80.1 ft	360° 91.5 ft	Max. 91.5 ft	ft	
1,000 lb														
10	87.1	87.1	87.0	87.0	86.7	86.7	84.8	84.8	74.6	74.6	-	-	10	
12	85.5	85.8	84.4	84.4	81.2	81.2	78.4	78.4	72.8	72.8	-	-	12	
14	78.6	79.6	77.8	77.8	74.8	74.8	72.4	72.4	69.4	69.4	62.7	62.7	14	
16	70.5	72.3	71.4	72.1	69.2	69.2	66.8	66.8	64.9	64.9	58.8	58.8	16	
18	62.9	64.2	64.3	64.9	63.4	63.5	60.1	62.1	58.7	61.2	53.4	55.8	18	
20	55.5	56.2	57.1	57.5	57.3	57.7	55.4	57.3	51.8	57.0	47.7	53.1	20	
24	-	-	44.2	46.5	45.5	47.6	43.6	47.5	40.8	47.2	37.9	46.5	24	
28	-	-	33.9	39.2	34.8	39.7	34.7	39.6	33.3	39.4	32.8	38.7	28	
32	-	-	26.8	33.3	27.7	33.9	27.7	33.7	28.4	33.5	27.4	32.8	32	
36	-	-	-	-	23.0	29.2	23.7	29.1	23.9	28.8	23.1	28.9	36	
40	-	-	-	-	19.6	24.8	20.1	24.8	19.9	25.5	19.7	25.0	40	
48	-	-	-	-	-	-	14.9	19.2	15.1	19.5	15.1	18.9	48	
56	-	-	-	-	-	-	11.6	15.7	11.8	15.3	11.7	15.2	56	
64	-	-	-	-	-	-	-	-	9.5	12.4	9.3	12.7	64	
72	-	-	-	-	-	-	-	-	-	9.3	7.3	10.4	72	
80	-	-	-	-	-	-	-	-	-	-	-	8.8	80	
1)	31.7	30.9	20.7	22.5	14.3	17.6	10.1	13.9	7.7	10.6	5.5	8.4	1)	

ft	360° 103.0 ft	Max. 103.0 ft	360° 114.5 ft	Max. 114.5 ft	360° 126.0 ft	Max. 126.0 ft	360° 137.5 ft	Max. 137.5 ft	360° 149.0 ft	Max. 149.0 ft	360° 164.0 ft	Max. 164.0 ft	ft
1,000 lb													
18	42.0	42.0	-	-	-	-	-	-	-	-	-	-	18
20	40.4	40.5	34.1	34.1	-	-	-	-	-	-	-	-	20
24	36.4	37.5	32.1	32.9	27.1	27.1	-	-	-	-	-	-	24
28	30.6	35.8	28.8	30.8	25.6	26.4	21.7	21.7	-	-	-	-	28
32	25.9	32.7	25.1	27.7	23.6	25.4	21.2	21.2	17.9	17.9	-	-	32
36	22.5	28.5	21.7	25.1	20.9	23.5	19.1	20.7	17.2	17.6	13.3	13.3	36
40	19.6	24.4	19.4	22.8	18.4	21.5	17.3	20.1	16.2	17.4	13.2	13.2	40
48	14.9	18.6	14.5	18.7	14.2	17.8	13.8	17.1	13.0	16.3	11.7	12.6	48
56	11.5	15.2	11.0	14.7	10.8	14.6	10.8	14.1	9.8	13.8	8.5	12.1	56
64	9.0	12.2	8.6	12.2	8.4	11.8	8.4	11.3	7.5	11.1	6.3	10.6	64
72	7.1	10.4	6.7	10.2	6.4	9.7	6.4	9.3	5.8	9.3	4.7	8.6	72
80	5.7	8.6	5.3	8.4	5.1	8.1	5.1	7.9	4.5	7.5	3.6	7.0	80
88	4.6	7.5	4.1	7.0	3.8	6.6	3.8	6.7	3.4	6.2	2.5	5.6	88
96	-	6.3	3.2	5.8	2.9	5.5	2.9	5.6	2.4	5.0	-	4.5	96
104	-	-	2.5	4.9	2.1	4.5	2.1	4.5	-	4.1	-	3.6	104
112	-	-	-	-	-	-	-	3.7	-	3.3	-	2.8	112
120	-	-	-	-	-	-	-	3.2	-	2.7	-	2.1	120
128	-	-	-	-	-	-	-	-	-	2.0	-	-	128
1)	4.0	6.4	2.4	4.6	-	3.3	-	2.4	-	-	-	-	1)

1) Capacities with horizontal boom

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

7,100 lb		22.6 ft x 21.3 ft										360° / Max.*		85 %
ft	360° 34.1 ft	Max. 34.1 ft	360° 45.6 ft	Max. 45.6 ft	360° 57.1 ft	Max. 57.1 ft	360° 68.6 ft	Max. 68.6 ft	360° 80.1 ft	Max. 80.1 ft	360° 91.5 ft	Max. 91.5 ft	ft	
1,000 lb														
10	87.1	87.1	87.0	87.0	86.7	86.7	84.8	84.8	74.6	74.6	-	-	10	
12	85.4	85.8	84.4	84.4	81.2	81.2	78.4	78.4	72.8	72.8	-	-	12	
14	78.1	79.6	77.8	77.8	74.8	74.8	72.4	72.4	69.4	69.4	62.7	62.7	14	
16	69.1	70.9	70.4	71.6	69.2	69.2	66.1	66.8	63.0	64.9	57.8	58.8	16	
18	61.6	62.5	63.1	63.8	61.3	62.8	57.6	61.3	55.5	61.2	50.9	55.8	18	
20	54.2	54.7	55.8	56.0	54.9	56.3	51.5	55.7	47.9	56.9	44.0	53.0	20	
24	-	-	41.3	45.2	42.0	46.3	40.3	46.3	37.7	46.1	36.9	45.2	24	
28	-	-	31.2	38.2	32.1	38.7	32.0	38.6	31.8	38.3	30.3	37.6	28	
32	-	-	24.7	32.4	25.4	33.0	26.2	32.8	26.3	32.6	25.3	32.5	32	
36	-	-	-	-	21.2	28.8	22.1	28.6	21.9	28.3	21.4	28.9	36	
40	-	-	-	-	17.9	24.8	18.3	24.8	18.6	25.5	18.6	25.0	40	
48	-	-	-	-	-	-	13.6	19.2	13.9	19.5	13.8	18.9	48	
56	-	-	-	-	-	-	10.5	15.7	10.7	15.3	10.5	15.2	56	
64	-	-	-	-	-	-	-	-	8.4	12.4	8.2	12.7	64	
72	-	-	-	-	-	-	-	-	-	9.3	6.4	10.4	72	
80	-	-	-	-	-	-	-	-	-	-	-	8.8	80	
1)	31.7	30.9	19.0	22.5	12.8	17.6	9.3	13.9	6.8	10.6	4.6	8.4	1)	

ft	360° 103.0 ft	Max. 103.0 ft	360° 114.5 ft	Max. 114.5 ft	360° 126.0 ft	Max. 126.0 ft	360° 137.5 ft	Max. 137.5 ft	360° 149.0 ft	Max. 149.0 ft	360° 164.0 ft	Max. 164.0 ft	ft
1,000 lb													
18	42.0	42.0	-	-	-	-	-	-	-	-	-	-	18
20	40.1	40.5	34.0	34.1	-	-	-	-	-	-	-	-	20
24	34.2	37.5	30.9	32.9	27.0	27.1	-	-	-	-	-	-	24
28	28.1	35.8	27.3	30.8	24.8	26.4	21.7	21.7	-	-	-	-	28
32	24.6	32.4	23.5	27.7	22.3	25.4	20.6	21.2	17.9	17.9	-	-	32
36	21.3	28.2	20.6	25.1	19.6	23.5	18.3	20.7	16.4	17.6	13.3	13.3	36
40	18.3	24.4	17.7	22.8	16.9	21.5	16.4	20.1	15.1	17.4	13.0	13.2	40
48	13.6	18.6	13.2	18.7	12.8	17.8	12.5	17.1	11.5	16.3	10.2	12.6	48
56	10.5	15.2	10.1	14.7	9.6	14.6	9.5	14.1	8.5	13.8	7.3	12.1	56
64	8.2	12.2	7.7	12.2	7.3	11.8	7.3	11.3	6.3	11.1	5.2	10.6	64
72	6.2	10.4	5.8	10.2	5.5	9.7	5.5	9.3	4.9	9.3	3.8	8.6	72
80	4.9	8.6	4.5	8.4	4.2	8.1	4.2	7.9	3.6	7.5	2.7	6.6	80
88	3.9	7.5	3.5	7.0	3.2	6.6	3.2	6.7	2.6	6.2	-	5.1	88
96	-	6.3	2.7	5.8	2.2	5.5	2.2	5.6	-	5.0	-	4.1	96
104	-	-	1.9	4.9	-	4.5	-	4.5	-	4.1	-	3.2	104
112	-	-	-	-	-	-	-	3.7	-	3.3	-	2.4	112
120	-	-	-	-	-	-	-	3.2	-	2.7	-	2.0	120
128	-	-	-	-	-	-	-	-	-	2.0	-	-	128
1)	3.3	6.4	1.8	4.6	-	3.3	-	2.4	-	-	-	-	1)

1) Capacities with horizontal boom

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

26,700 lb		22.6 ft x 14.8 ft		360° / Max.*										85 %
ft	360° 34.1 ft	Max. 34.1 ft	360° 45.6 ft	Max. 45.6 ft	360° 57.1 ft	Max. 57.1 ft	360° 68.6 ft	Max. 68.6 ft	360° 80.1 ft	Max. 80.1 ft	360° 91.5 ft	Max. 91.5 ft	ft	
1,000 lb														
10	86.5	87.1	86.6	87.0	86.6	86.7	84.8	84.8	74.6	74.6	-	-	10	
12	78.3	85.8	79.3	84.4	79.6	81.2	78.1	78.4	71.3	72.8	-	-	12	
14	69.8	79.6	70.9	77.8	71.0	74.8	68.7	72.4	64.1	69.4	59.0	62.7	14	
16	62.8	72.3	63.7	72.1	63.2	69.2	60.0	66.8	55.7	64.9	50.9	58.8	16	
18	53.9	66.4	55.2	66.9	56.1	64.6	52.9	62.3	49.1	61.2	45.0	55.8	18	
20	44.8	60.7	47.4	61.8	48.3	60.2	46.1	58.1	43.2	57.2	41.1	53.2	20	
24	-	-	34.9	51.9	35.6	52.2	35.6	50.8	34.9	50.0	33.9	47.7	24	
28	-	-	27.1	42.5	27.7	43.6	28.5	43.7	28.5	42.2	27.8	39.5	28	
32	-	-	21.9	34.6	23.0	35.3	23.2	35.3	23.0	34.8	23.0	33.3	32	
36	-	-	-	-	19.4	29.7	19.6	29.7	19.5	29.2	19.8	28.9	36	
40	-	-	-	-	16.2	24.8	16.4	24.8	16.6	25.5	16.6	25.0	40	
48	-	-	-	-	-	-	12.5	19.2	12.7	19.5	12.6	18.9	48	
56	-	-	-	-	-	-	9.9	15.7	10.0	15.3	9.9	15.2	56	
64	-	-	-	-	-	-	-	-	8.0	12.4	7.9	12.7	64	
72	-	-	-	-	-	-	-	-	-	9.3	6.4	10.4	72	
80	-	-	-	-	-	-	-	-	-	-	-	8.8	80	
1)	28.9	30.9	17.2	22.5	11.9	17.6	8.6	13.9	6.6	10.6	4.9	8.4	1)	

ft	360° 103.0 ft	Max. 103.0 ft	360° 114.5 ft	Max. 114.5 ft	360° 126.0 ft	Max. 126.0 ft	360° 137.5 ft	Max. 137.5 ft	360° 149.0 ft	Max. 149.0 ft	360° 164.0 ft	Max. 164.0 ft	ft
1,000 lb													
16	40.5	40.5	-	-	-	-	-	-	-	-	-	-	16
18	40.4	42.0	-	-	-	-	-	-	-	-	-	-	18
20	38.5	40.5	33.7	34.1	-	-	-	-	-	-	-	-	20
24	31.5	37.5	30.1	32.9	26.4	27.1	-	-	-	-	-	-	24
28	27.0	35.8	25.7	30.8	24.1	26.4	21.5	21.7	-	-	-	-	28
32	23.0	32.7	22.5	27.7	21.4	25.4	19.7	21.2	17.9	17.9	-	-	32
36	19.6	28.5	19.3	25.1	18.6	23.5	17.5	20.7	16.2	17.6	13.3	13.3	36
40	16.4	24.4	16.2	22.8	16.0	21.5	15.8	20.1	14.9	17.4	13.0	13.2	40
48	12.5	18.6	12.2	18.7	12.0	17.8	12.0	17.1	11.6	16.3	10.6	12.6	48
56	9.7	15.2	9.4	14.7	9.2	14.6	9.3	14.1	8.9	13.8	8.3	12.1	56
64	7.8	12.2	7.4	12.2	7.2	11.8	7.2	11.3	6.9	11.1	6.5	10.6	64
72	6.2	10.4	6.0	10.2	5.8	9.7	5.8	9.3	5.3	9.3	4.9	8.6	72
80	5.2	8.6	4.9	8.4	4.7	8.1	4.7	7.9	4.3	7.5	3.8	7.0	80
88	4.4	7.5	3.9	7.0	3.7	6.6	3.7	6.7	3.5	6.2	2.8	5.6	88
96	-	6.3	3.2	5.8	3.0	5.5	3.0	5.6	2.7	5.0	2.0	4.5	96
104	-	-	2.7	4.9	2.3	4.5	2.3	4.5	1.9	4.1	-	3.6	104
112	-	-	-	-	-	-	-	3.7	-	3.3	-	2.8	112
120	-	-	-	-	-	-	-	3.2	-	2.7	-	2.1	120
128	-	-	-	-	-	-	-	-	-	2.0	-	-	128
1)	3.7	6.4	2.4	4.6	-	3.3	-	2.4	-	-	-	-	1)

1) Capacities with horizontal boom

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

20,700 lb		22.6 ft x 14.8 ft												360° / Max.*		85 %	
ft	360° 34.1 ft	Max. 34.1 ft	360° 45.6 ft	Max. 45.6 ft	360° 57.1 ft	Max. 57.1 ft	360° 68.6 ft	Max. 68.6 ft	360° 80.1 ft	Max. 80.1 ft	360° 91.5 ft	Max. 91.5 ft	ft				
1,000 lb																	
10	86.4	87.1	86.5	87.0	86.5	86.7	84.5	84.8	74.1	74.6	-	-	10				
12	77.2	85.8	78.3	84.4	78.1	81.2	73.3	78.4	66.5	72.8	-	-	12				
14	68.8	79.6	69.9	77.8	67.0	74.8	63.0	72.4	57.4	69.4	52.1	62.7	14				
16	59.1	72.3	60.7	72.1	57.9	69.2	53.5	66.8	49.3	64.9	45.4	58.8	16				
18	48.7	66.4	50.5	66.9	49.9	64.6	46.9	62.3	43.3	61.2	40.8	55.8	18				
20	39.2	60.5	41.8	61.6	42.5	60.1	40.9	58.1	39.3	57.2	36.7	53.2	20				
24	-	-	30.5	50.1	31.2	50.3	31.9	50.0	31.6	50.0	30.1	47.7	24				
28	-	-	23.5	41.6	24.9	42.8	25.2	42.7	25.1	42.2	24.8	39.5	28				
32	-	-	18.9	34.6	20.0	35.3	20.3	35.3	20.5	34.8	20.5	33.3	32				
36	-	-	-	-	16.8	29.7	17.0	29.7	17.3	29.2	17.3	28.9	36				
40	-	-	-	-	14.0	24.8	14.3	24.8	14.5	25.5	14.5	25.0	40				
48	-	-	-	-	-	-	10.8	19.2	10.9	19.5	10.8	18.9	48				
56	-	-	-	-	-	-	8.3	15.7	8.4	15.3	8.3	15.2	56				
64	-	-	-	-	-	-	-	-	6.7	12.4	6.5	12.7	64				
72	-	-	-	-	-	-	-	-	-	9.3	5.3	10.4	72				
80	-	-	-	-	-	-	-	-	-	-	-	8.8	80				
1)	24.9	30.9	14.8	22.5	10.1	17.6	7.3	13.9	5.5	10.6	4.0	8.4	1)				

ft	360° 103.0 ft	Max. 103.0 ft	360° 114.5 ft	Max. 114.5 ft	360° 126.0 ft	Max. 126.0 ft	360° 137.5 ft	Max. 137.5 ft	360° 149.0 ft	Max. 149.0 ft	360° 164.0 ft	Max. 164.0 ft	ft
1,000 lb													
16	40.5	40.5	-	-	-	-	-	-	-	-	-	-	16
18	37.5	42.0	-	-	-	-	-	-	-	-	-	-	18
20	34.5	40.5	31.6	34.1	-	-	-	-	-	-	-	-	20
24	28.9	37.5	27.6	32.9	25.0	27.1	-	-	-	-	-	-	24
28	24.6	35.8	23.1	30.8	21.8	26.4	20.0	21.7	-	-	-	-	28
32	20.3	32.7	19.6	27.7	18.7	25.4	17.7	21.2	16.2	17.9	-	-	32
36	17.0	28.5	16.7	25.1	16.1	23.5	15.7	20.7	14.5	17.6	12.6	13.3	36
40	14.3	24.4	14.0	22.8	13.8	21.5	13.6	20.1	12.6	17.4	11.5	13.2	40
48	10.8	18.6	10.3	18.7	10.1	17.8	10.3	17.1	9.7	16.3	8.7	12.6	48
56	8.3	15.2	7.9	14.7	7.8	14.6	7.8	14.1	7.3	13.8	6.6	12.1	56
64	6.5	12.2	6.2	12.2	6.1	11.8	6.1	11.3	5.6	11.1	4.7	10.6	64
72	5.1	10.4	4.9	10.2	4.7	9.7	4.7	9.3	4.2	9.3	3.6	8.6	72
80	4.1	8.6	3.8	8.4	3.6	8.1	3.6	7.9	3.4	7.5	2.5	7.0	80
88	3.3	7.5	3.0	7.0	2.8	6.6	2.8	6.7	2.4	6.2	-	5.6	88
96	-	6.3	2.4	5.8	2.1	5.5	2.1	5.6	-	5.0	-	4.5	96
104	-	-	1.8	4.9	-	4.5	-	4.5	-	4.1	-	3.6	104
112	-	-	-	-	-	-	-	3.7	-	3.3	-	2.8	112
120	-	-	-	-	-	-	-	3.2	-	2.7	-	2.1	120
128	-	-	-	-	-	-	-	-	-	2.0	-	-	128
1)	2.9	6.4	1.8	4.6	-	3.3	-	2.4	-	-	-	-	1)

1) Capacities with horizontal boom

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

10,400 lb		22.6 ft x 14.8 ft										360° / Max.*		85 %
ft	360° 34.1 ft	Max. 34.1 ft	360° 45.6 ft	Max. 45.6 ft	360° 57.1 ft	Max. 57.1 ft	360° 68.6 ft	Max. 68.6 ft	360° 80.1 ft	Max. 80.1 ft	360° 91.5 ft	Max. 91.5 ft	ft	
1,000 lb														
10	85.6	87.1	86.0	87.0	82.0	86.7	74.4	84.8	65.8	74.6	-	-	10	
12	74.7	85.8	71.6	84.4	66.1	81.2	59.6	78.4	53.5	72.8	-	-	12	
14	61.0	79.6	57.8	77.8	53.9	74.8	49.4	72.4	45.5	69.4	42.5	62.7	14	
16	46.4	72.3	48.1	72.1	45.2	69.2	41.8	66.8	39.8	64.9	36.8	58.8	16	
18	37.2	64.2	39.9	64.9	38.8	63.5	37.0	62.1	34.9	61.2	32.5	55.8	18	
20	29.7	56.2	32.3	57.5	33.0	57.7	32.7	57.3	31.0	57.0	29.3	53.1	20	
24	-	-	23.3	46.5	24.6	47.6	25.0	47.5	24.9	47.2	23.7	46.5	24	
28	-	-	17.8	39.2	18.9	39.7	19.4	39.6	19.6	39.4	19.3	38.7	28	
32	-	-	14.1	33.3	15.2	33.9	15.5	33.7	15.7	33.5	15.6	32.6	32	
36	-	-	-	-	12.6	29.2	12.8	29.1	13.1	28.8	13.1	28.9	36	
40	-	-	-	-	10.3	24.8	10.6	24.8	10.8	25.5	10.8	25.0	40	
48	-	-	-	-	-	-	7.8	19.2	8.0	19.5	7.8	18.9	48	
56	-	-	-	-	-	-	5.9	15.7	5.9	15.2	5.9	15.2	56	
64	-	-	-	-	-	-	-	4.6	4.6	12.2	4.5	12.5	64	
72	-	-	-	-	-	-	-	-	-	9.3	3.3	10.4	72	
80	-	-	-	-	-	-	-	-	-	-	-	8.8	80	
1)	18.3	30.9	10.6	22.5	7.3	17.6	5.1	13.9	3.5	10.6	2.4	7.9	1)	

ft	360° 103.0 ft	Max. 103.0 ft	360° 114.5 ft	Max. 114.5 ft	360° 126.0 ft	Max. 126.0 ft	360° 137.5 ft	Max. 137.5 ft	360° 149.0 ft	Max. 149.0 ft	360° 164.0 ft	Max. 164.0 ft	ft
1,000 lb													
16	33.2	40.5	-	-	-	-	-	-	-	-	-	-	16
18	30.9	42.0	-	-	-	-	-	-	-	-	-	-	18
20	27.6	40.5	25.6	34.1	-	-	-	-	-	-	-	-	20
24	22.5	37.5	20.9	32.9	19.6	27.1	-	-	-	-	-	-	24
28	18.6	35.8	17.3	30.8	16.3	26.4	15.7	21.7	-	-	-	-	28
32	15.4	32.7	14.6	27.7	13.7	25.4	13.2	21.2	12.1	17.9	-	-	32
36	12.8	28.1	12.4	24.6	11.7	23.2	11.4	20.7	10.4	17.6	9.3	13.3	36
40	10.6	23.8	10.3	22.8	9.9	20.7	9.7	19.9	8.8	17.4	7.7	13.2	40
48	7.8	18.6	7.4	18.2	7.2	17.6	7.2	16.6	6.4	15.6	5.2	12.6	48
56	5.8	15.2	5.5	14.7	5.2	14.1	5.2	13.4	4.4	12.6	3.4	11.4	56
64	4.4	12.1	4.0	12.2	3.8	11.5	3.8	10.6	2.9	10.4	2.0	9.3	64
72	3.3	10.4	3.1	10.2	2.9	9.7	2.7	9.1	2.0	8.2	-	7.3	72
80	2.5	8.6	2.1	8.3	-	7.7	-	7.9	-	6.8	-	5.8	80
88	-	7.2	-	6.8	-	6.2	-	6.2	-	5.6	-	4.6	88
96	-	6.0	-	5.7	-	5.5	-	5.0	-	4.5	-	3.6	96
104	-	-	-	4.9	-	4.5	-	4.4	-	3.4	-	2.7	104
112	-	-	-	-	-	-	-	3.7	-	2.8	-	2.0	112
120	-	-	-	-	-	-	-	2.7	-	2.4	-	-	120
128	-	-	-	-	-	-	-	-	-	1.9	-	-	128
1)	-	6.0	-	4.6	-	3.3	-	2.4	-	-	-	-	1)

1) Capacities with horizontal boom

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

7,100 lb		22.6 ft x 14.8 ft		360° / Max.*										85 %
ft	360° 34.1 ft	Max. 34.1 ft	360° 45.6 ft	Max. 45.6 ft	360° 57.1 ft	Max. 57.1 ft	360° 68.6 ft	Max. 68.6 ft	360° 80.1 ft	Max. 80.1 ft	360° 91.5 ft	Max. 91.5 ft	ft	
1,000 lb														
10	84.9	87.1	85.2	87.0	74.9	86.7	68.1	84.8	60.1	74.6	-	-	10	
12	72.1	85.8	65.3	84.4	60.4	81.2	54.4	78.4	48.8	72.8	-	-	12	
14	55.3	79.6	53.2	77.8	49.2	74.8	45.0	72.4	42.6	69.4	38.7	62.7	14	
16	42.0	70.9	43.8	71.6	41.1	69.2	39.1	66.8	36.4	64.9	34.2	58.8	16	
18	33.6	62.5	36.1	63.8	35.3	62.8	34.2	61.3	32.1	61.2	30.3	55.8	18	
20	26.7	54.7	29.1	56.0	30.6	56.3	29.6	55.7	28.4	56.9	26.7	53.0	20	
24	-	-	21.0	45.2	22.3	46.3	22.7	46.3	22.5	46.1	21.4	45.2	24	
28	-	-	15.9	38.2	17.1	38.7	17.5	38.6	17.7	38.3	17.3	37.0	28	
32	-	-	12.5	32.4	13.6	33.0	13.9	32.8	14.1	32.2	14.0	31.8	32	
36	-	-	-	-	11.3	27.9	11.5	27.8	11.7	27.3	11.6	27.4	36	
40	-	-	-	-	9.2	23.4	9.5	23.3	9.7	24.3	9.5	23.5	40	
48	-	-	-	-	-	-	6.8	18.3	7.0	18.1	6.9	17.6	48	
56	-	-	-	-	-	-	5.0	14.5	5.2	14.1	5.1	14.4	56	
64	-	-	-	-	-	-	-	-	4.0	11.6	3.8	11.6	64	
72	-	-	-	-	-	-	-	-	-	9.3	2.9	9.3	72	
80	-	-	-	-	-	-	-	-	-	-	-	7.7	80	
1)	16.3	30.9	9.5	22.5	6.4	17.6	4.4	12.8	3.1	9.5	1.8	7.1	1)	

ft	360° 103.0 ft	Max. 103.0 ft	360° 114.5 ft	Max. 114.5 ft	360° 126.0 ft	Max. 126.0 ft	360° 137.5 ft	Max. 137.5 ft	360° 149.0 ft	Max. 149.0 ft	360° 164.0 ft	Max. 164.0 ft	ft
1,000 lb													
16	30.0	40.5	-	-	-	-	-	-	-	-	-	-	16
18	28.3	42.0	-	-	-	-	-	-	-	-	-	-	18
20	25.0	40.5	23.2	34.1	-	-	-	-	-	-	-	-	20
24	20.2	37.5	18.9	32.9	17.6	27.1	-	-	-	-	-	-	24
28	16.8	35.2	15.6	30.8	14.5	26.4	13.9	21.7	-	-	-	-	28
32	13.8	30.5	13.1	27.2	12.1	25.4	11.7	21.2	10.6	17.9	-	-	32
36	11.5	25.8	11.0	23.9	10.3	22.2	10.0	20.0	9.0	17.6	7.9	13.3	36
40	9.5	22.0	9.0	21.2	8.6	20.5	8.4	19.0	7.5	17.1	6.4	13.2	40
48	6.8	18.1	6.5	17.0	6.3	16.2	6.1	14.8	5.2	13.9	3.9	12.3	48
56	5.0	13.9	4.7	13.6	4.5	12.8	4.4	12.0	3.4	11.4	2.3	10.1	56
64	3.7	11.4	3.4	11.0	3.1	10.3	2.9	9.9	2.2	9.0	-	7.9	64
72	2.7	9.3	2.4	8.9	2.0	8.4	2.0	8.2	-	7.1	-	6.0	72
80	-	7.5	-	7.1	-	6.6	-	6.6	-	5.7	-	4.7	80
88	-	6.3	-	5.9	-	5.3	-	5.3	-	4.5	-	3.6	88
96	-	5.3	-	5.0	-	4.4	-	4.2	-	3.6	-	2.7	96
104	-	-	-	3.9	-	3.4	-	3.6	-	2.7	-	1.9	104
112	-	-	-	-	-	-	-	2.8	-	2.2	-	-	112
120	-	-	-	-	-	-	-	2.1	-	-	-	-	120
1)	-	5.3	-	3.7	-	2.4	-	1.5	-	-	-	-	1)

1) Capacities with horizontal boom

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



		18,700 lb		22.6 ft x 9.8 ft		360° / Max.*		85 %					
ft	360° 34.1 ft	Max. 34.1 ft	360° 45.6 ft	Max. 45.6 ft	360° 57.1 ft	Max. 57.1 ft	360° 68.6 ft	Max. 68.6 ft	360° 80.1 ft	Max. 80.1 ft	360° 91.5 ft	Max. 91.5 ft	ft
1,000 lb													
10	53.1	87.1	50.9	87.0	47.4	86.7	44.7	84.8	41.3	74.6	-	-	10
12	41.3	85.8	42.3	84.4	40.2	81.2	38.2	78.4	35.9	72.8	-	-	12
14	32.6	79.6	35.0	77.8	34.8	74.8	33.1	72.4	31.3	69.4	33.5	62.7	14
16	27.0	72.3	29.3	72.1	30.1	69.2	29.3	66.8	27.9	64.9	29.4	58.8	16
18	22.2	66.1	24.4	66.6	25.7	64.6	25.7	62.3	24.8	61.2	26.2	55.8	18
20	-	59.9	18.2	61.0	19.5	60.0	19.8	58.0	20.0	57.2	23.3	53.2	20
24	-	-	14.2	49.4	15.2	50.1	15.7	49.8	15.9	49.8	19.2	47.7	24
28	-	-	11.3	41.4	12.4	42.2	12.7	42.2	12.9	41.9	15.7	39.5	28
32	-	-	-	34.6	10.4	35.1	10.6	35.1	10.8	34.8	12.7	33.3	32
36	-	-	-	-	8.6	29.7	8.8	29.7	9.0	29.2	10.6	28.9	36
40	-	-	-	-	-	24.8	6.4	24.8	6.6	25.5	8.8	25.0	40
48	-	-	-	-	-	-	4.9	19.2	4.9	19.5	6.6	18.9	48
56	-	-	-	-	-	-	-	15.7	3.7	15.3	4.9	15.2	56
64	-	-	-	-	-	-	-	-	-	12.4	3.7	12.7	64
72	-	-	-	-	-	-	-	-	-	9.3	2.7	10.4	72
80	-	-	-	-	-	-	-	-	-	-	-	8.8	80
1)	14.3	30.9	8.6	22.5	6.0	17.6	4.2	13.9	2.9	10.6	1.8	8.4	1)

ft	360° 103.0 ft	Max. 103.0 ft	360° 114.5 ft	Max. 114.5 ft	360° 126.0 ft	Max. 126.0 ft	360° 137.5 ft	Max. 137.5 ft	360° 149.0 ft	Max. 149.0 ft	360° 164.0 ft	Max. 164.0 ft	ft
1,000 lb													
16	25.8	40.5	-	-	-	-	-	-	-	-	-	-	16
18	24.6	42.0	-	-	-	-	-	-	-	-	-	-	18
20	21.9	40.5	20.4	34.1	-	-	-	-	-	-	-	-	20
24	18.1	37.5	16.9	32.9	15.8	27.1	-	-	-	-	-	-	24
28	15.1	35.8	14.2	30.8	13.2	26.4	12.7	21.7	-	-	-	-	28
32	12.6	32.7	11.9	27.7	11.0	25.4	10.7	21.2	9.8	17.9	-	-	32
36	10.6	28.5	10.1	25.1	9.4	23.5	9.2	20.7	8.3	17.6	7.3	13.3	36
40	8.8	24.4	8.4	22.8	8.0	21.5	7.8	20.1	6.9	17.4	6.0	13.2	40
48	6.3	18.6	6.1	18.7	5.9	17.8	5.7	17.1	4.9	16.3	3.8	12.6	48
56	4.7	15.2	4.5	14.7	4.3	14.6	4.0	14.1	3.3	13.8	2.3	12.1	56
64	3.5	12.2	3.3	12.2	3.1	11.8	2.9	11.3	2.0	11.1	-	10.6	64
72	2.7	10.4	2.2	10.2	2.0	9.7	1.8	9.3	-	9.3	-	8.6	72
80	-	8.6	-	8.4	-	8.1	-	7.9	-	7.5	-	7.0	80
88	-	7.5	-	7.0	-	6.6	-	6.7	-	6.2	-	5.6	88
96	-	6.3	-	5.8	-	5.5	-	5.6	-	5.0	-	4.5	96
104	-	-	-	4.9	-	4.5	-	4.5	-	4.1	-	3.6	104
112	-	-	-	-	-	-	-	3.7	-	3.3	-	2.8	112
120	-	-	-	-	-	-	-	3.2	-	2.7	-	2.1	120
128	-	-	-	-	-	-	-	-	-	2.0	-	-	128
1)	-	6.4	-	4.6	-	3.3	-	2.4	-	-	-	-	1)

1) Capacities with horizontal boom

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

10,400 lb		22.6 ft x 9.8 ft		360° / Max.*										85 %
ft	360° 34.1 ft	Max. 34.1 ft	360° 45.6 ft	Max. 45.6 ft	360° 57.1 ft	Max. 57.1 ft	360° 68.6 ft	Max. 68.6 ft	360° 80.1 ft	Max. 80.1 ft	360° 91.5 ft	Max. 91.5 ft	ft	
1,000 lb														
10	53.5	87.1	50.3	87.0	46.9	86.7	43.0	84.8	39.6	74.6	-	-	10	
12	41.5	85.8	40.3	84.4	38.4	81.2	35.7	78.4	33.3	72.8	-	-	12	
14	32.2	79.6	33.3	77.8	32.3	74.8	30.3	72.4	28.5	69.4	26.6	62.7	14	
16	25.1	72.3	27.4	72.1	27.5	69.2	26.1	66.8	24.7	64.9	23.1	58.8	16	
18	20.6	64.2	22.8	64.9	23.7	63.5	23.0	62.1	21.9	61.2	20.6	55.8	18	
20	16.8	56.2	18.8	57.5	20.1	57.7	20.1	57.3	19.3	57.0	18.2	53.1	20	
24	-	-	13.8	46.5	15.1	47.6	15.3	47.5	15.4	47.2	14.7	46.5	24	
28	-	-	10.5	39.2	11.6	39.7	11.9	39.6	12.2	39.4	11.9	38.4	28	
32	-	-	8.3	33.3	9.3	33.9	9.5	33.7	9.7	33.5	9.7	32.5	32	
36	-	-	-	-	7.6	29.0	7.9	28.8	8.1	28.4	8.0	28.4	36	
40	-	-	-	-	6.2	24.7	6.4	24.7	6.7	25.4	6.5	24.6	40	
48	-	-	-	-	-	-	4.5	18.7	4.7	18.5	4.7	17.9	48	
56	-	-	-	-	-	-	3.3	14.6	3.3	14.2	3.3	14.4	56	
64	-	-	-	-	-	-	-	-	2.4	11.7	2.2	11.6	64	
72	-	-	-	-	-	-	-	-	-	9.3	-	9.5	72	
80	-	-	-	-	-	-	-	-	-	-	-	7.7	80	
1)	10.4	30.9	6.2	22.5	4.2	17.6	2.6	12.8	1.5	9.7	-	7.1	1)	

ft	360° 103.0 ft	Max. 103.0 ft	360° 114.5 ft	Max. 114.5 ft	360° 126.0 ft	Max. 126.0 ft	360° 137.5 ft	Max. 137.5 ft	360° 149.0 ft	Max. 149.0 ft	360° 164.0 ft	Max. 164.0 ft	ft
1,000 lb													
16	19.9	40.5	-	-	-	-	-	-	-	-	-	-	16
18	19.2	42.0	-	-	-	-	-	-	-	-	-	-	18
20	17.1	40.5	15.6	34.1	-	-	-	-	-	-	-	-	20
24	13.9	37.5	12.8	32.9	11.7	27.1	-	-	-	-	-	-	24
28	11.4	35.8	10.4	30.8	9.5	26.4	9.2	21.7	-	-	-	-	28
32	9.4	31.2	8.7	27.2	7.8	25.4	7.6	21.2	6.7	17.9	-	-	32
36	7.9	26.7	7.3	24.3	6.5	22.3	6.3	20.2	5.4	17.6	4.2	13.3	36
40	6.4	22.4	6.0	22.0	5.4	20.6	5.1	19.1	4.2	17.2	2.9	13.2	40
48	4.4	18.1	4.2	17.0	3.6	16.2	3.3	15.3	2.3	14.3	-	12.5	48
56	3.1	13.9	2.7	13.7	2.2	13.3	-	12.0	-	11.7	-	10.6	56
64	2.0	11.2	-	11.0	-	10.5	-	10.4	-	9.5	-	8.2	64
72	-	9.3	-	8.9	-	8.4	-	8.2	-	7.3	-	6.2	72
80	-	7.7	-	7.1	-	6.6	-	6.6	-	6.0	-	4.9	80
88	-	6.3	-	5.9	-	5.4	-	5.3	-	4.7	-	3.8	88
96	-	5.2	-	4.7	-	4.3	-	4.2	-	3.6	-	2.8	96
104	-	-	-	3.8	-	3.4	-	3.4	-	2.7	-	1.9	104
112	-	-	-	-	-	-	-	2.6	-	2.2	-	-	112
120	-	-	-	-	-	-	-	2.1	-	-	-	-	120
1)	-	5.3	-	3.7	-	2.4	-	1.5	-	-	-	-	1)

1) Capacities with horizontal boom

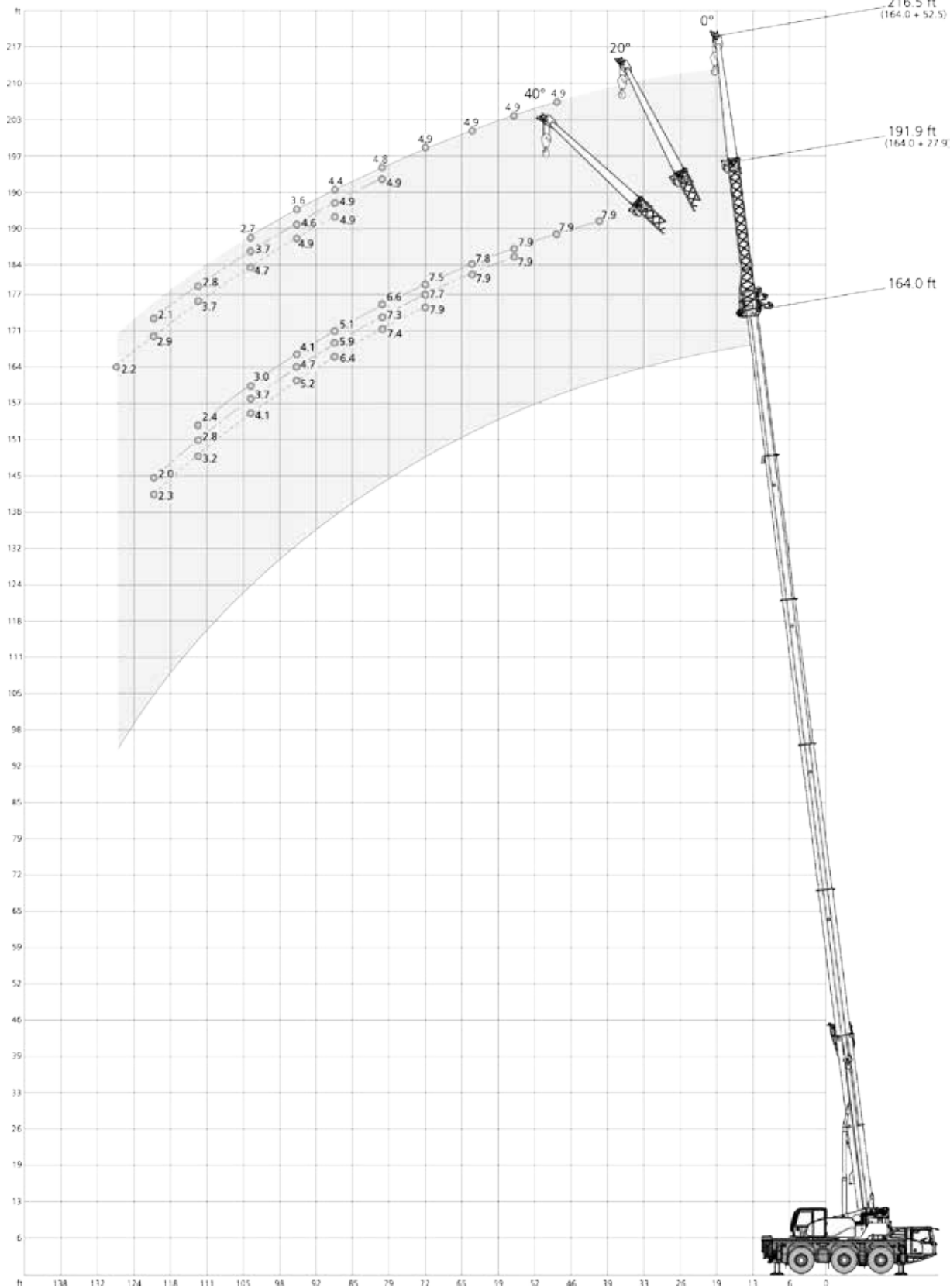
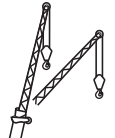
\* Max. values are valid only for specific superstructure positions










7,100 lb		22.6 ft x 9.8 ft										360° / Max.*		85 %
ft	360° 34.1 ft	Max. 34.1 ft	360° 45.6 ft	Max. 45.6 ft	360° 57.1 ft	Max. 57.1 ft	360° 68.6 ft	Max. 68.6 ft	360° 80.1 ft	Max. 80.1 ft	360° 91.5 ft	Max. 91.5 ft	ft	
1,000 lb														
10	47.8	87.1	45.1	87.0	42.3	86.7	38.7	84.8	35.7	74.6	-	-	10	
12	36.9	85.8	36.1	84.4	34.6	81.2	32.1	78.4	30.1	72.8	-	-	12	
14	28.3	79.6	29.7	77.8	28.8	74.8	27.2	72.4	25.6	69.4	23.7	62.7	14	
16	22.0	70.9	24.4	71.6	24.6	69.2	23.4	66.8	22.2	64.9	20.7	58.8	16	
18	18.1	62.5	20.3	63.8	21.1	62.8	20.6	61.3	19.6	61.2	18.2	55.8	18	
20	14.6	54.7	16.6	56.0	17.9	56.3	17.9	55.7	17.1	56.9	16.1	53.0	20	
24	-	-	12.1	45.2	13.2	46.3	13.6	46.3	13.7	46.1	13.0	44.7	24	
28	-	-	9.1	38.2	10.2	38.7	10.5	38.6	10.7	38.0	10.5	35.1	28	
32	-	-	7.0	32.4	8.1	33.0	8.3	32.8	8.5	31.1	8.5	30.6	32	
36	-	-	-	-	6.5	27.4	6.9	27.2	7.0	26.8	7.0	26.0	36	
40	-	-	-	-	5.1	22.4	5.6	22.5	5.6	23.2	5.6	22.2	40	
48	-	-	-	-	-	-	3.8	17.3	3.8	17.0	3.8	16.8	48	
56	-	-	-	-	-	-	2.5	13.5	2.6	13.4	2.6	13.0	56	
64	-	-	-	-	-	-	-	-	-	10.5	-	10.4	64	
72	-	-	-	-	-	-	-	-	-	8.6	-	8.4	72	
80	-	-	-	-	-	-	-	-	-	-	-	6.8	80	
1)	8.8	30.9	5.1	22.5	3.3	16.3	2.0	11.7	-	8.6	-	6.2	1)	









360° 103.0 ft		Max. 103.0 ft	360° 114.5 ft	Max. 114.5 ft	360° 126.0 ft	Max. 126.0 ft	360° 137.5 ft	Max. 137.5 ft	360° 149.0 ft	Max. 149.0 ft	360° 164.0 ft	Max. 164.0 ft	ft
1,000 lb													
16	17.5	40.5	-	-	-	-	-	-	-	-	-	-	16
18	17.1	42.0	-	-	-	-	-	-	-	-	-	-	18
20	15.2	40.5	13.9	34.1	-	-	-	-	-	-	-	-	20
24	12.2	37.5	11.1	32.9	10.2	27.1	-	-	-	-	-	-	24
28	9.9	34.0	9.0	29.9	8.2	26.4	7.9	21.7	-	-	-	-	28
32	8.0	28.1	7.4	26.5	6.7	24.0	6.4	21.2	5.4	17.9	-	-	32
36	6.8	24.0	6.1	23.1	5.4	21.4	5.2	19.4	4.1	17.6	2.9	13.3	36
40	5.6	21.4	4.9	19.9	4.3	19.2	4.0	17.9	3.0	17.0	-	13.2	40
48	3.6	16.4	3.2	15.9	2.5	14.9	-	13.9	-	13.3	-	12.0	48
56	2.4	12.9	-	12.4	-	11.7	-	11.3	-	10.3	-	9.2	56
64	-	10.2	-	9.6	-	9.1	-	9.0	-	8.0	-	6.8	64
72	-	8.2	-	7.8	-	7.3	-	7.1	-	6.2	-	5.1	72
80	-	6.6	-	6.2	-	5.6	-	5.6	-	4.9	-	3.8	80
88	-	5.4	-	4.9	-	4.5	-	4.5	-	3.6	-	2.7	88
96	-	4.4	-	4.0	-	3.6	-	3.5	-	2.7	-	1.8	96
104	-	-	-	3.2	-	2.7	-	2.7	-	2.1	-	-	104
112	-	-	-	-	-	-	-	2.0	-	-	-	-	112
1)	-	4.6	-	3.1	-	1.8	-	-	-	-	-	-	1)









1) Capacities with horizontal boom









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



26,700 lb		22.6 ft x 21.3 ft		360°			85%		
 164.0 ft									
  27.9 ft									
  40°									
 52.5 ft									
 0°  20°  40°									
ft 1,000 lb									
40	7.9	-	-	-	-	-	-	-	-
48	7.9	-	-	4.9	-	-	-	-	-
56	7.9	7.9	-	4.9	-	-	-	-	-
64	7.8	7.9	-	4.9	-	-	-	-	-
72	7.5	7.7	7.9	4.9	-	-	-	-	-
80	6.6	7.3	7.4	4.8	4.9	-	-	-	-
88	5.1	5.9	6.4	4.4	4.9	4.9	-	-	-
96	4.1	4.7	5.2	3.6	4.6	4.9	-	-	-
104	3.0	3.7	4.1	2.7	3.7	4.7	-	-	-
112	2.4	2.8	3.2	-	2.8	3.7	-	-	-
120	-	2.0	2.3	-	2.1	2.9	-	-	-
128	-	-	-	-	-	2.2	-	-	-


 149.0 ft									
  27.9 ft									
 40°									
 52.5 ft									
 0°  20°  40°									
ft 1,000 lb									
40	10.6	-	-	6.4	-	-	-	-	-
48	10.6	-	-	6.4	-	-	-	-	-
56	10.6	10.6	-	6.4	-	-	-	-	-
64	10.4	10.4	10.2	6.4	-	-	-	-	-
72	8.9	9.7	9.5	6.4	6.4	-	-	-	-
80	7.1	7.9	8.6	6.1	6.1	5.5	-	-	-
88	6.2	6.4	7.0	5.3	5.9	5.3	-	-	-
96	5.0	5.4	5.7	4.5	5.2	5.2	-	-	-
104	3.9	4.3	4.8	3.6	4.5	5.1	-	-	-
112	3.0	3.5	3.7	2.8	3.7	4.1	-	-	-
120	2.2	2.7	2.9	2.2	3.0	3.6	-	-	-
128	-	2.0	2.1	-	2.3	2.8	-	-	-
136	-	-	-	-	-	2.1	-	-	-

 137.5 ft									
  27.9 ft									
 40°									
 52.5 ft									
 0°  20°  40°									
ft 1,000 lb									
36	13.0	-	-	-	-	-	-	-	-
40	13.0	-	-	7.9	-	-	-	-	-
48	13.0	13.0	-	7.9	-	-	-	-	-
56	12.8	12.7	12.5	7.8	-	-	-	-	-
64	11.1	11.5	11.3	7.7	6.9	-	-	-	-
72	9.5	9.7	10.2	7.7	6.6	-	-	-	-
80	7.9	8.3	8.3	7.0	6.4	5.5	-	-	-
88	6.3	6.8	7.3	6.2	6.1	5.4	-	-	-
96	5.1	5.5	5.9	5.0	5.8	5.3	-	-	-
104	4.5	4.5	4.8	4.1	5.0	5.1	-	-	-
112	3.5	3.9	3.9	3.5	3.9	4.6	-	-	-
120	2.7	3.1	3.3	2.9	3.2	3.7	-	-	-
128	2.2	2.4	2.5	2.2	2.6	2.9	-	-	-
136	-	1.9	-	-	2.1	2.3	-	-	-
144	-	-	-	-	-	1.8	-	-	-


 126.0 ft									
  27.9 ft									
 40°									
 52.5 ft									
 0°  20°  40°									
ft 1,000 lb									
32	16.1	-	-	9.3	-	-	-	-	-
36	16.1	-	-	9.3	-	-	-	-	-
40	16.1	-	-	9.2	-	-	-	-	-
48	15.8	15.7	-	9.0	-	-	-	-	-
56	13.9	13.9	13.3	8.9	7.6	-	-	-	-
64	11.3	12.1	12.2	8.8	7.2	-	-	-	-
72	9.7	9.8	10.4	8.4	6.8	5.7	-	-	-
80	8.1	8.6	8.6	7.5	6.6	5.7	-	-	-
88	6.8	7.2	7.5	6.7	6.3	5.5	-	-	-
96	5.6	6.1	6.2	5.6	5.8	5.4	-	-	-
104	4.5	5.0	5.2	4.7	5.1	5.3	-	-	-
112	3.7	3.9	4.1	3.7	4.6	4.8	-	-	-
120	2.9	3.1	3.3	3.0	3.6	4.0	-	-	-
128	2.2	2.4	-	2.4	2.9	3.2	-	-	-
136	1.7	1.9	-	1.9	2.2	2.4	-	-	-
144	-	-	-	-	1.6	1.8	-	-	-

26,700 lb		22.6 ft x 21.3 ft						360°			85%				
114.5 ft		27.9 ft			52.5 ft			34.1 ft		27.9 ft			52.5 ft		
ft		0°	20°	40°	0°	20°	40°	ft		0°	20°	40°	0°	20°	40°
		1,000 lb								1,000 lb					
28		20.1	-	-	10.6	-	-	10		29.5	-	-	18.1	-	-
32		20.1	-	-	10.4	-	-	12		29.5	-	-	17.8	-	-
36		19.7	-	-	10.4	-	-	14		29.5	-	-	17.5	-	-
40		19.3	17.8	-	10.3	-	-	16		29.4	21.8	-	17.1	-	-
48		17.4	16.6	14.1	10.1	-	-	18		27.9	21.0	-	16.2	-	-
56		14.5	14.9	13.4	9.8	7.7	-	20		26.2	20.2	-	15.3	-	-
64		11.7	12.3	12.6	9.4	7.3	6.0	24		23.7	18.8	16.0	13.5	-	-
72		10.2	10.2	10.4	8.8	6.8	5.7	28		21.5	17.6	15.3	12.2	9.6	-
80		8.3	8.6	8.7	7.9	6.6	5.7	32		19.6	16.5	14.8	11.0	8.9	-
88		7.3	7.3	7.6	6.8	6.3	5.5	36		18.1	15.8	14.4	10.2	8.4	-
96		6.1	6.3	6.4	5.7	5.8	5.4	40		16.8	15.1	14.1	9.4	7.9	6.8
104		5.0	5.2	5.4	5.1	5.4	5.3	48		14.9	-	-	8.1	7.1	6.3
112		4.1	4.4	-	4.1	4.6	4.8	56		-	-	-	7.1	6.4	5.8
120		3.3	3.6	-	3.4	4.0	4.2	64		-	-	-	6.5	5.8	5.6
128		2.6	-	-	2.9	3.2	3.4	72		-	-	-	5.7	5.7	-
136		-	-	-	2.3	2.5	2.8								
144		-	-	-	1.8	2.0	-								


**20,700 lb**       **22.6 ft x 21.3 ft**      **360°**      **85 %**

 **164.0 ft**


ft	27.9 ft			52.5 ft		
	0°	20°	40°	0°	20°	40°
1,000 lb						
40	7.9	-	-	-	-	-
48	7.9	-	-	4.9	-	-
56	7.9	7.9	-	4.9	-	-
64	7.8	7.9	-	4.9	-	-
72	6.4	7.3	7.9	4.9	-	-
80	4.9	5.7	6.4	4.4	4.9	-
88	3.6	4.4	5.1	3.2	4.5	4.9
96	2.7	3.3	3.9	2.2	3.4	4.4
104	1.9	2.3	3.0	-	2.5	3.4
112	-	-	-	-	-	2.6

 **149.0 ft**


ft	27.9 ft			52.5 ft		
	0°	20°	40°	0°	20°	40°
1,000 lb						
40	10.6	-	-	6.4	-	-
48	10.6	-	-	6.4	-	-
56	10.6	10.6	-	6.4	-	-
64	9.1	9.9	10.2	6.4	-	-
72	7.5	8.2	8.9	6.4	6.4	-
80	6.0	6.8	7.1	5.5	6.0	5.5
88	4.7	5.4	5.9	4.3	5.2	5.3
96	3.6	4.3	4.7	3.3	4.3	4.9
104	2.7	3.2	3.7	2.5	3.4	4.3
112	-	2.4	2.6	-	2.6	3.3
120	-	-	-	-	1.9	2.5
128	-	-	-	-	-	1.9

 **137.5 ft**


ft	27.9 ft			52.5 ft		
	0°	20°	40°	0°	20°	40°
1,000 lb						
36	13.0	-	-	-	-	-
40	13.0	-	-	7.9	-	-
48	13.0	13.0	-	7.9	-	-
56	11.9	12.4	12.5	7.8	-	-
64	10.0	10.6	11.0	7.7	6.9	-
72	8.0	8.9	9.3	7.1	6.6	-
80	6.7	7.0	7.7	6.0	6.4	5.5
88	5.5	5.9	6.1	5.1	5.8	5.4
96	4.3	4.8	5.2	4.1	4.9	5.3
104	3.4	3.8	4.1	3.2	4.1	4.5
112	2.6	2.8	3.0	2.6	3.3	3.9
120	-	2.2	2.3	1.9	2.5	3.1
128	-	-	-	-	2.0	2.3

 **126.0 ft**

ft	27.9 ft			52.5 ft		
	0°	20°	40°	0°	20°	40°
1,000 lb						
32	16.1	-	-	9.3	-	-
36	16.1	-	-	9.3	-	-
40	16.1	-	-	9.2	-	-
48	15.2	15.6	-	9.0	-	-
56	12.7	13.3	13.3	8.9	7.6	-
64	10.7	11.0	11.2	8.7	7.2	-
72	8.8	9.3	9.3	7.7	6.8	5.7
80	7.0	7.7	7.9	6.8	6.5	5.7
88	5.6	6.2	6.5	5.6	6.1	5.5
96	4.5	5.0	5.2	4.5	5.4	5.3
104	3.4	3.9	4.1	3.6	4.3	4.9
112	2.6	3.0	3.0	2.8	3.5	3.9
120	2.0	2.2	2.3	2.1	2.7	3.1
128	-	-	-	-	2.0	2.3

 **114.5 ft**

ft	27.9 ft			52.5 ft		
	0°	20°	40°	0°	20°	40°
1,000 lb						
28	20.1	-	-	10.6	-	-
32	20.1	-	-	10.4	-	-
36	19.7	-	-	10.4	-	-
40	19.1	17.8	-	10.3	-	-
48	16.0	16.4	14.1	10.1	-	-
56	12.9	13.6	13.3	9.8	7.7	-
64	10.8	11.0	11.4	9.4	7.3	6.0
72	9.3	9.3	9.3	8.2	6.8	5.7
80	7.5	7.9	8.0	7.1	6.6	5.7
88	6.0	6.6	6.8	6.2	6.1	5.5
96	5.0	5.3	5.5	5.0	5.6	5.4
104	3.9	4.3	4.3	4.1	4.8	5.1
112	3.1	3.3	-	3.3	3.9	4.3
120	2.5	2.5	-	2.5	3.1	3.3
128	1.9	-	-	2.0	2.4	2.6
136	-	-	-	-	1.7	1.9

 **34.1 ft**

ft	27.9 ft			52.5 ft		
	0°	20°	40°	0°	20°	40°
1,000 lb						
10	29.5	-	-	18.1	-	-
12	29.5	-	-	17.8	-	-
14	29.5	-	-	17.5	-	-
16	29.4	21.8	-	17.1	-	-
18	27.9	21.0	-	16.2	-	-
20	26.2	20.2	-	15.3	-	-
24	23.7	18.8	16.0	13.5	-	-
28	21.5	17.6	15.3	12.2	9.6	-
32	19.6	16.5	14.8	11.0	8.9	-
36	18.1	15.8	14.4	10.2	8.4	-
40	16.8	15.1	14.1	9.4	7.9	6.8
48	14.9	-	-	8.1	7.1	6.3
56	-	-	-	7.1	6.4	5.8
64	-	-	-	6.5	5.8	5.6
72	-	-	-	5.7	5.7	-

10,400 lb		22.6 ft x 21.3 ft		360°			85%		
164.0 ft									
27.9 ft                      52.5 ft									
0°    20°    40°                      0°    20°    40°									
ft	1,000 lb			1,000 lb			1,000 lb		
40	7.9	-	-	-	-	-	6.4	-	-
48	7.9	-	-	4.9	-	-	6.4	-	-
56	7.0	7.7	-	4.9	-	-	6.4	-	-
64	5.0	6.2	-	4.4	-	-	5.5	-	-
72	3.6	4.4	5.3	2.9	-	-	4.0	5.7	-
80	2.3	3.1	3.8	-	3.4	-	2.9	4.2	5.3
88	-	2.1	2.7	-	2.3	3.5	-	3.2	4.3
96	-	-	-	-	-	2.4	-	2.2	3.2
104	-	-	-	-	-	-	-	-	2.3





137.5 ft									
27.9 ft                      52.5 ft									
0°    20°    40°                      0°    20°    40°									
ft	1,000 lb			1,000 lb			1,000 lb		
36	13.0	-	-	-	-	-	-	-	-
40	12.9	-	-	7.9	-	-	-	-	-
48	11.7	12.2	-	7.9	-	-	-	-	-
56	9.5	10.2	10.6	7.3	-	-	-	-	-
64	7.3	8.2	8.9	6.4	6.9	-	-	-	-
72	5.5	6.2	7.1	5.1	6.4	-	-	-	-
80	4.2	4.9	5.5	3.8	5.1	5.5	-	-	-
88	3.2	3.7	4.3	2.8	3.8	4.9	-	-	-
96	2.2	2.8	3.2	2.0	2.9	3.9	-	-	-
104	-	2.1	2.3	-	2.1	3.0	-	-	-
112	-	-	-	-	-	2.2	-	-	-





126.0 ft									
27.9 ft                      52.5 ft									
0°    20°    40°                      0°    20°    40°									
ft	1,000 lb			1,000 lb			1,000 lb		
32	16.1	-	-	-	-	9.3	-	-	-
36	15.7	-	-	7.9	-	-	9.3	-	-
40	15.2	14.0	-	7.9	-	-	9.2	-	-
48	12.9	13.4	11.5	7.3	-	-	9.0	-	-
56	10.1	11.0	11.3	6.4	6.9	-	8.1	7.6	-
64	7.7	8.6	9.2	5.1	6.4	-	7.1	7.2	-
72	6.0	6.7	7.3	3.8	5.1	5.5	5.5	6.6	5.7
80	4.6	5.1	5.7	2.8	3.8	4.9	4.2	5.5	5.5
88	3.4	4.0	4.4	2.0	2.9	3.9	3.2	4.3	5.1
96	2.4	2.9	3.2	-	2.1	3.0	2.4	3.3	4.1
104	1.6	2.1	2.3	-	-	-	-	2.5	3.2
112	-	-	-	-	-	-	-	-	2.4





114.5 ft									
27.9 ft                      52.5 ft									
0°    20°    40°                      0°    20°    40°									
ft	1,000 lb			1,000 lb			1,000 lb		
28	20.1	-	-	10.6	-	-	-	-	-
32	20.1	-	-	10.4	-	-	-	-	-
36	18.0	-	-	10.4	-	-	-	-	-
40	16.9	17.3	-	10.3	-	-	-	-	-
48	13.5	14.0	13.8	10.0	-	-	-	-	-
56	10.9	11.4	11.7	9.1	7.7	-	-	-	-
64	8.4	9.3	9.5	7.9	7.3	6.0	-	-	-
72	6.4	7.3	7.8	6.4	6.8	5.7	-	-	-
80	5.1	5.5	6.0	4.9	6.2	5.7	-	-	-
88	3.8	4.3	4.7	3.9	4.9	5.3	-	-	-
96	2.9	3.3	3.6	3.1	3.9	4.5	-	-	-
104	2.1	2.3	2.6	2.3	3.0	3.4	-	-	-
112	-	-	-	-	2.2	2.6	-	-	-





34.1 ft									
27.9 ft                      52.5 ft									
0°    20°    40°                      0°    20°    40°									
ft	1,000 lb			1,000 lb			1,000 lb		
10	29.5	-	-	18.1	-	-	-	-	-
12	29.5	-	-	17.8	-	-	-	-	-
14	29.5	-	-	17.5	-	-	-	-	-
16	29.4	21.8	-	17.1	-	-	-	-	-
18	27.9	21.0	-	16.2	-	-	-	-	-
20	26.2	20.2	-	15.3	-	-	-	-	-
24	23.7	18.8	16.0	13.5	-	-	-	-	-
28	21.5	17.6	15.3	12.2	9.6	-	-	-	-
32	19.6	16.5	14.8	11.0	8.9	-	-	-	-
36	18.1	15.8	14.4	10.2	8.4	-	-	-	-
40	16.8	15.1	14.1	9.4	7.9	6.8	-	-	-
48	14.5	-	-	8.1	7.1	6.3	-	-	-
56	-	-	-	7.1	6.4	5.8	-	-	-
64	-	-	-	6.5	5.8	5.6	-	-	-
72	-	-	-	5.7	5.7	-	-	-	-







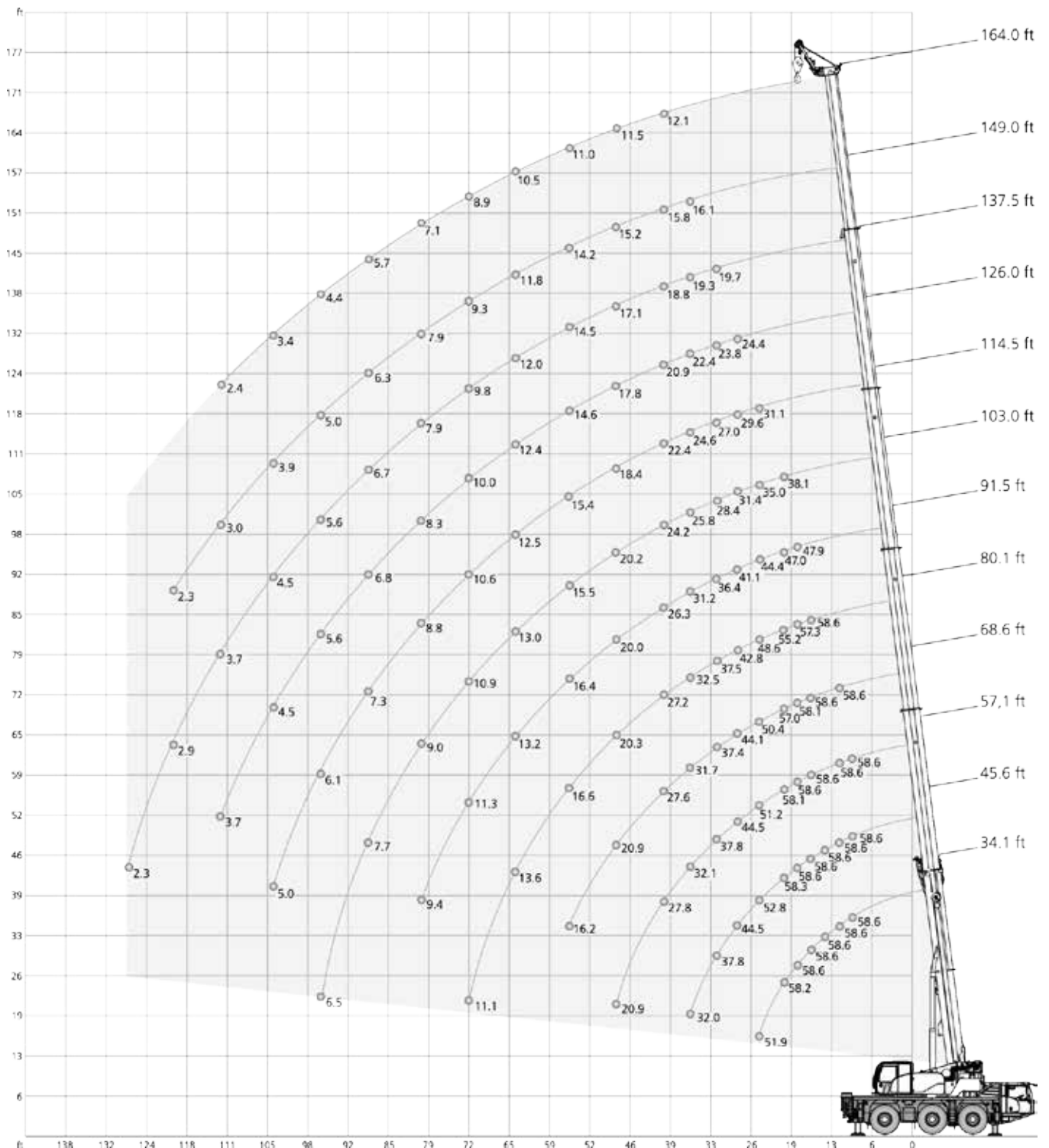
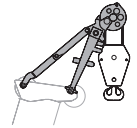
7,100 lb		22.6 ft x 21.3 ft						360°			85 %		
 164.0 ft													
  27.9 ft													
 52.5 ft													
ft      0°      20°      40°      0°      20°      40°													
1,000 lb													
40	7.9	-	-	-	-	-	-	-	-	-	-		
48	7.6	-	-	-	4.9	-	-	-	-	-	-		
56	5.9	7.0	-	-	4.6	-	-	-	-	-	-		
64	3.9	5.0	-	-	3.4	-	-	-	-	-	-		
72	2.5	3.6	4.2	-	2.0	-	-	-	-	-	-		
80	-	2.3	2.9	-	-	2.5	-	-	-	-	-		
88	-	-	-	-	-	-	-	-	-	2.7	-		

 137.5 ft											
  27.9 ft											
 52.5 ft											
ft      0°      20°      40°      0°      20°      40°											
1,000 lb											
36	13.0	-	-	-	-	-	-	-	-	-	-
40	12.8	-	-	-	7.9	-	-	-	-	-	-
48	10.6	11.7	-	-	7.7	-	-	-	-	-	-
56	8.2	9.4	9.8	-	6.7	-	-	-	-	-	-
64	6.1	7.0	7.9	-	5.6	6.7	-	-	-	-	-
72	4.4	5.3	6.0	-	4.0	5.5	-	-	-	-	-
80	3.4	4.0	4.6	-	2.9	4.2	5.3	-	-	-	-
88	2.4	2.9	3.4	-	1.9	3.2	4.2	-	-	-	-
96	-	2.0	2.4	-	-	2.2	3.1	-	-	-	-
104	-	-	1.6	-	-	-	2.3	-	-	-	-

 126.0 ft											
  27.9 ft											
 52.5 ft											
ft      0°      20°      40°      0°      20°      40°											
1,000 lb											
32	16.1	-	-	-	-	-	9.3	-	-	-	-
36	15.0	-	-	-	7.9	-	9.3	-	-	-	-
40	14.3	14.0	-	-	7.7	-	9.2	-	-	-	-
48	11.7	12.5	11.5	-	6.7	-	8.7	-	-	-	-
56	8.7	9.8	10.3	-	5.6	6.7	7.6	7.6	-	-	-
64	6.6	7.5	8.4	-	4.0	5.5	6.1	6.9	-	-	-
72	4.9	5.8	6.4	-	2.9	4.2	4.7	6.0	5.7	-	-
80	3.8	4.4	4.9	-	1.9	3.2	3.4	4.6	5.4	-	-
88	2.7	3.2	3.6	-	-	2.2	2.4	3.5	4.5	-	-
96	1.8	2.2	2.5	-	-	-	-	2.5	3.4	-	-
104	-	-	1.6	-	-	-	-	1.8	2.5	-	-

 114.5 ft											
  27.9 ft											
 52.5 ft											
ft      0°      20°      40°      0°      20°      40°											
1,000 lb											
28	20.1	-	-	-	10.6	-	-	-	-	-	-
32	19.2	-	-	-	10.4	-	-	-	-	-	-
36	17.0	-	-	-	10.4	-	-	-	-	-	-
40	15.6	16.3	-	-	10.3	-	-	-	-	-	-
48	12.6	13.1	13.4	-	9.6	-	-	-	-	-	-
56	9.6	10.6	10.8	-	8.5	7.7	-	-	-	-	-
64	7.4	8.2	8.9	-	7.0	7.2	6.0	-	-	-	-
72	5.6	6.4	6.9	-	5.3	6.6	5.7	-	-	-	-
80	4.2	4.9	5.3	-	4.1	5.3	5.6	-	-	-	-
88	3.2	3.6	4.0	-	3.2	4.0	5.1	-	-	-	-
96	2.2	2.7	2.9	-	2.4	3.1	3.9	-	-	-	-
104	-	1.9	2.1	-	1.6	2.3	3.0	-	-	-	-






 34.1 ft											
  27.9 ft											
 52.5 ft											
ft      0°      20°      40°      0°      20°      40°											
1,000 lb											
10	29.5	-	-	-	18.1	-	-	-	-	-	-
12	29.5	-	-	-	17.8	-	-	-	-	-	-
14	29.5	-	-	-	17.5	-	-	-	-	-	-
16	29.4	21.8	-	-	17.1	-	-	-	-	-	-
18	27.9	21.0	-	-	16.2	-	-	-	-	-	-
20	26.2	20.2	-	-	15.3	-	-	-	-	-	-
24	23.7	18.8	16.0	-	13.5	-	-	-	-	-	-
28	21.5	17.6	15.3	-	12.2	9.6	-	-	-	-	-
32	19.6	16.5	14.8	-	11.0	8.9	-	-	-	-	-
36	18.1	15.8	14.4	-	10.2	8.4	-	-	-	-	-
40	16.7	15.1	14.1	-	9.4	7.9	6.8	-	-	-	-
48	13.6	-	-	-	8.1	7.1	6.3	-	-	-	-
56	-	-	-	-	7.1	6.4	5.8	-	-	-	-
64	-	-	-	-	6.5	5.8	5.6	-	-	-	-
72	-	-	-	-	5.7	5.7	-	-	-	-	-








☰ 26,700 lb		📏 22.6 ft x 21.3 ft											360°		85%	
📐		34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft	📐		
ft	1,000 lb												ft			
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	10		
12	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	12		
14	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	14		
16	58.6	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	16		
18	58.6	58.6	58.6	58.1	57.3	47.9	-	-	-	-	-	-	-	18		
20	58.2	58.3	58.1	57.0	55.2	47.0	38.1	-	-	-	-	-	-	20		
24	51.9	52.8	51.2	50.4	48.6	44.4	35.0	31.1	-	-	-	-	-	24		
28	43.6	44.5	44.5	44.1	42.8	41.1	31.4	29.6	24.4	-	-	-	-	28		
32	-	37.8	37.8	37.4	37.5	36.4	28.4	27.0	23.8	19.7	-	-	-	32		
36	-	32.0	32.1	31.7	32.5	31.2	25.8	24.6	22.4	19.3	16.1	-	-	36		
40	-	-	27.8	27.6	27.2	26.3	24.2	22.4	20.9	18.8	15.8	12.1	-	40		
48	-	-	20.9	20.9	20.3	20.0	20.2	18.4	17.8	17.1	15.2	11.5	-	48		
56	-	-	-	16.2	16.6	16.4	15.5	15.4	14.6	14.5	14.2	11.0	-	56		
64	-	-	-	-	13.6	13.2	13.0	12.5	12.4	12.0	11.8	10.5	-	64		
72	-	-	-	-	11.1	11.3	10.9	10.6	10.0	9.8	9.3	8.9	-	72		
80	-	-	-	-	-	9.4	9.0	8.8	8.3	7.9	7.9	7.1	-	80		
88	-	-	-	-	-	-	7.7	7.3	6.8	6.7	6.3	5.7	-	88		
96	-	-	-	-	-	-	6.5	6.1	5.6	5.6	5.0	4.4	-	96		
104	-	-	-	-	-	-	-	5.0	4.5	4.5	3.9	3.4	-	104		
112	-	-	-	-	-	-	-	-	3.7	3.7	3.0	2.4	-	112		
120	-	-	-	-	-	-	-	-	-	2.9	2.3	-	-	120		
128	-	-	-	-	-	-	-	-	-	2.3	-	-	-	128		
1)	27.1	20.3	15.9	13.0	10.1	7.9	6.0	4.2	2.9	2.0	-	-	-	1)		

☰ 20,700 lb		📏 22.6 ft x 21.3 ft											360°		85%	
📐		34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft	📐		
ft	1,000 lb												ft			
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	10		
12	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	12		
14	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	14		
16	58.6	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	16		
18	58.6	58.6	58.6	58.1	57.3	47.9	-	-	-	-	-	-	-	18		
20	58.1	58.1	58.1	57.0	55.2	47.0	38.1	-	-	-	-	-	-	20		
24	50.1	50.9	50.5	49.8	47.7	44.2	35.0	31.1	-	-	-	-	-	24		
28	41.0	42.0	42.1	41.6	39.8	38.7	31.4	29.6	24.4	-	-	-	-	28		
32	-	34.1	34.1	34.5	34.4	32.4	28.4	27.0	23.8	19.7	-	-	-	32		
36	-	28.4	28.9	29.5	29.0	27.7	25.7	24.3	22.4	19.3	16.1	-	-	36		
40	-	-	24.6	24.6	24.2	23.3	23.9	21.6	20.8	18.8	15.8	12.1	-	40		
48	-	-	18.4	18.4	18.6	18.4	17.7	17.3	16.6	16.2	15.0	11.5	-	48		
56	-	-	-	14.9	14.8	14.3	14.4	13.7	13.7	13.4	12.7	11.0	-	56		
64	-	-	-	-	11.8	11.9	11.6	11.3	11.0	10.5	10.1	9.1	-	64		
72	-	-	-	-	9.9	9.7	9.5	9.1	8.7	8.6	8.2	7.1	-	72		
80	-	-	-	-	-	8.1	7.9	7.3	7.0	7.0	6.4	5.5	-	80		
88	-	-	-	-	-	-	6.4	5.9	5.5	5.5	4.9	4.3	-	88		
96	-	-	-	-	-	-	5.3	4.7	4.4	4.3	3.9	3.2	-	96		
104	-	-	-	-	-	-	-	3.8	3.4	3.4	3.0	2.3	-	104		
112	-	-	-	-	-	-	-	-	2.6	2.6	2.2	-	-	112		
120	-	-	-	-	-	-	-	-	-	2.1	-	-	-	120		
1)	27.1	20.3	15.2	11.7	9.0	6.6	4.9	3.3	2.2	-	-	-	-	1)		

1) Capacities with horizontal boom

 <b>10,400 lb</b>		 <b>22.6 ft x 21.3 ft</b>											<b>360°</b>		<b>85%</b>
 	34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft			
ft	1,000 lb												ft		
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	10		
12	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	12		
14	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	14		
16	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	16		
18	58.4	58.6	57.7	56.5	54.5	47.9	-	-	-	-	-	-	18		
20	57.1	57.7	55.7	53.3	49.2	46.5	38.1	-	-	-	-	-	20		
24	43.7	45.2	44.4	41.7	40.8	37.9	34.5	30.8	-	-	-	-	24		
28	32.8	34.4	34.5	35.1	33.3	30.8	29.2	27.4	24.4	-	-	-	28		
32	-	27.5	28.4	28.2	27.5	26.2	25.4	23.6	22.4	19.7	-	-	32		
36	-	23.0	23.7	23.5	23.0	22.9	21.9	20.9	19.9	18.1	16.1	-	36		
40	-	-	19.6	19.5	20.1	19.4	19.2	18.4	18.0	17.1	15.6	12.1	40		
48	-	-	14.8	15.1	14.8	15.1	14.6	14.4	14.0	13.1	12.3	10.9	48		
56	-	-	-	11.5	11.7	11.5	11.3	10.9	10.6	10.3	9.2	8.1	56		
64	-	-	-	-	9.3	9.0	8.8	8.4	8.0	7.9	7.0	5.7	64		
72	-	-	-	-	7.3	7.1	6.9	6.4	6.0	6.0	5.1	4.0	72		
80	-	-	-	-	-	5.6	5.3	4.9	4.6	4.6	3.8	2.9	80		
88	-	-	-	-	-	-	4.3	3.8	3.4	3.4	2.7	-	88		
96	-	-	-	-	-	-	3.3	2.9	2.4	2.4	1.8	-	96		
104	-	-	-	-	-	-	-	2.1	1.6	-	-	-	104		
1)	27.1	17.2	12.1	8.8	6.6	4.4	3.1	1.5	-	-	-	-	1)		





 <b>7,100 lb</b>		 <b>22.6 ft x 21.3 ft</b>											<b>360°</b>		<b>85%</b>
 	34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft			
ft	1,000 lb												ft		
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	10		
12	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	12		
14	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	14		
16	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	16		
18	57.9	58.3	56.5	54.6	52.6	46.7	-	-	-	-	-	-	18		
20	55.8	56.7	53.2	49.3	45.7	44.0	38.0	-	-	-	-	-	20		
24	40.4	41.8	41.0	39.6	37.7	34.7	32.7	30.0	-	-	-	-	24		
28	30.2	31.5	32.8	32.4	30.6	28.8	28.0	25.9	23.4	-	-	-	28		
32	-	25.4	26.1	25.9	25.2	25.0	23.8	22.6	21.7	19.2	-	-	32		
36	-	21.0	21.7	21.5	21.6	21.4	20.6	19.7	19.0	17.2	15.3	-	36		
40	-	-	17.9	18.6	18.3	18.1	17.5	16.6	15.4	14.0	12.0	-	40		
48	-	-	13.4	13.8	13.9	13.6	13.6	13.1	12.5	12.1	11.0	9.5	48		
56	-	-	-	10.5	10.7	10.5	10.3	9.8	9.4	9.0	8.0	6.7	56		
64	-	-	-	-	8.4	8.0	7.9	7.5	7.0	6.8	5.9	4.7	64		
72	-	-	-	-	6.4	6.2	6.0	5.6	5.1	5.1	4.2	3.1	72		
80	-	-	-	-	-	4.9	4.7	4.2	3.8	3.8	2.9	-	80		
88	-	-	-	-	-	-	3.6	3.2	2.7	2.7	1.9	-	88		
96	-	-	-	-	-	-	2.7	2.2	1.8	-	-	-	96		
1)	24.9	15.7	11.0	7.7	5.7	3.7	2.4	-	-	-	-	-	1)		





1) Capacities with horizontal boom

26,700 lb		22.6 ft x 14.8 ft												360°		85%	
ft		34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft	ft			
1,000 lb																	
10	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	10		
12	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	12		
14	58.6	58.6	58.6	58.6	58.6	58.3	-	-	-	-	-	-	-	-	14		
16	58.6	58.6	58.6	58.6	56.6	53.0	-	-	-	-	-	-	-	-	16		
18	53.4	54.0	53.7	50.6	46.5	44.4	-	-	-	-	-	-	-	-	18		
20	46.8	48.1	47.5	44.2	42.8	39.5	36.7	-	-	-	-	-	-	-	20		
24	34.2	35.3	36.4	36.4	34.6	32.6	30.8	28.4	-	-	-	-	-	-	24		
28	26.3	27.8	28.4	28.3	27.8	27.3	26.2	24.9	22.7	-	-	-	-	-	28		
32	-	22.4	22.8	22.9	23.1	22.8	22.4	21.7	20.8	18.8	-	-	-	-	32		
36	-	18.7	19.3	19.8	19.6	19.4	19.4	19.0	18.4	17.1	15.3	-	-	-	36		
40	-	-	16.4	16.6	16.8	16.6	16.4	16.2	15.8	15.4	14.1	12.0	-	-	40		
48	-	-	12.4	12.6	12.6	12.5	12.4	12.0	11.7	11.7	11.3	10.4	-	-	48		
56	-	-	-	9.7	9.9	9.7	9.5	9.3	9.0	9.0	8.5	8.0	5.6	-	56		
64	-	-	-	-	7.9	7.7	7.6	7.2	7.0	7.0	6.6	5.9	4.8	-	64		
72	-	-	-	-	6.4	6.2	6.0	5.8	5.5	5.5	5.1	4.4	3.8	-	72		
80	-	-	-	-	-	5.1	4.9	4.7	4.3	4.3	4.0	3.1	2.7	-	80		
88	-	-	-	-	-	-	4.0	3.7	3.5	3.5	3.0	2.2	1.8	-	88		
96	-	-	-	-	-	-	3.3	3.0	2.7	2.7	2.2	1.7	1.3	-	96		
104	-	-	-	-	-	-	-	2.3	1.9	1.9	-	-	-	-	104		
1)	22.0	14.3	10.1	7.5	5.7	4.2	3.1	1.8	-	-	-	-	-	-	1)		

20,700 lb		22.6 ft x 14.8 ft												360°		85%	
ft		34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft	ft			
1,000 lb																	
10	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	10		
12	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	12		
14	58.6	58.6	58.6	57.5	54.6	-	-	-	-	-	-	-	-	-	14		
16	58.6	58.5	55.2	51.3	48.3	-	-	-	-	-	-	-	-	-	16		
18	50.6	51.1	48.5	44.8	43.0	39.5	-	-	-	-	-	-	-	-	18		
20	41.1	42.4	41.9	40.7	37.7	35.4	33.4	-	-	-	-	-	-	-	20		
24	29.9	31.6	32.0	32.0	30.4	29.5	28.0	26.2	-	-	-	-	-	-	24		
28	22.9	24.3	24.9	24.7	25.2	24.6	23.6	22.8	21.3	-	-	-	-	-	28		
32	-	19.6	20.0	20.5	20.5	20.4	20.3	19.6	18.5	17.1	-	-	-	-	32		
36	-	16.3	17.0	17.3	17.5	17.3	17.2	16.7	15.9	15.1	13.8	-	-	-	36		
40	-	-	14.2	14.5	14.7	14.5	14.2	14.0	13.6	13.4	12.3	11.2	-	-	40		
48	-	-	10.5	10.8	10.9	10.8	10.5	10.3	10.0	10.0	9.4	8.4	7.3	-	48		
56	-	-	-	8.3	8.3	8.3	8.1	7.8	7.4	7.4	7.1	6.1	5.1	-	56		
64	-	-	-	-	6.5	6.5	6.3	6.1	5.6	5.6	5.2	4.3	3.4	-	64		
72	-	-	-	-	5.3	5.1	4.9	4.7	4.4	4.4	3.8	2.9	2.1	-	72		
80	-	-	-	-	-	4.1	4.0	3.6	3.4	3.4	2.7	-	-	-	80		
88	-	-	-	-	-	-	3.1	2.8	2.4	2.4	1.9	-	-	-	88		
96	-	-	-	-	-	-	2.4	2.0	-	-	-	-	-	-	96		
1)	19.2	12.1	8.6	6.2	4.6	3.3	2.2	-	-	-	-	-	-	-	1)		

1) Capacities with horizontal boom

 <b>10,400 lb</b>		 <b>22.6 ft x 14.8 ft</b>												<b>360°</b>		<b>85%</b>	
 <b>34.1 ft</b>		 <b>164.0 ft</b>															
<b>ft</b>	<b>1,000 lb</b>												<b>ft</b>				
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	10		
12	58.6	58.6	57.9	56.1	-	-	-	-	-	-	-	-	-	-	12		
14	57.7	55.5	52.0	48.2	44.4	-	-	-	-	-	-	-	-	-	14		
16	48.9	47.4	44.3	41.5	38.0	-	-	-	-	-	-	-	-	-	16		
18	39.5	39.8	39.0	36.2	33.7	32.1	-	-	-	-	-	-	-	-	18		
20	31.6	33.6	33.7	31.5	30.6	28.7	26.9	-	-	-	-	-	-	-	20		
24	22.6	24.3	24.9	25.6	24.5	23.5	22.3	20.8	-	-	-	-	-	-	24		
28	17.0	18.5	19.5	19.7	19.9	19.3	18.4	17.2	16.1	-	-	-	-	-	28		
32	-	14.6	15.5	15.7	15.9	15.7	15.4	14.4	13.5	13.1	-	-	-	-	32		
36	-	12.0	12.8	13.1	13.3	13.1	12.8	12.3	11.5	11.2	10.1	-	-	-	36		
40	-	-	10.5	10.8	11.0	10.8	10.5	10.3	9.7	9.5	8.4	7.3	-	-	40		
48	-	-	7.6	7.8	8.0	7.8	7.6	7.3	6.9	6.9	6.0	4.7	-	-	48		
56	-	-	-	5.8	5.9	5.8	5.7	5.2	5.0	4.8	3.9	2.8	-	-	56		
64	-	-	-	-	4.5	4.2	4.2	3.8	3.6	3.4	2.5	-	-	-	64		
72	-	-	-	-	3.3	3.3	3.1	2.9	2.4	2.2	-	-	-	-	72		
80	-	-	-	-	-	2.5	2.3	-	-	-	-	-	-	-	80		
1)	13.9	8.8	6.2	4.2	2.9	1.8	-	-	-	-	-	-	-	-	1)		

 <b>7,100 lb</b>		 <b>22.6 ft x 14.8 ft</b>												<b>360°</b>		<b>85%</b>	
 <b>34.1 ft</b>		 <b>164.0 ft</b>															
<b>ft</b>	<b>1,000 lb</b>												<b>ft</b>				
10	58.6	58.6	58.6	58.2	-	-	-	-	-	-	-	-	-	-	10		
12	58.6	58.0	56.3	51.8	-	-	-	-	-	-	-	-	-	-	12		
14	55.0	52.1	47.5	44.6	40.5	-	-	-	-	-	-	-	-	-	14		
16	44.5	43.1	41.1	37.8	35.3	-	-	-	-	-	-	-	-	-	16		
18	35.9	36.4	35.6	33.0	31.5	29.6	-	-	-	-	-	-	-	-	18		
20	28.6	30.4	30.6	29.7	27.8	26.5	24.5	-	-	-	-	-	-	-	20		
24	20.3	22.0	22.9	23.3	22.6	21.2	20.1	18.7	-	-	-	-	-	-	24		
28	15.1	16.6	17.5	17.8	18.0	17.4	16.6	15.5	14.5	-	-	-	-	-	28		
32	-	13.0	13.9	14.1	14.3	14.1	13.8	12.8	12.0	11.5	-	-	-	-	32		
36	-	10.6	11.5	11.7	11.8	11.6	11.5	10.8	10.1	9.7	8.6	-	-	-	36		
40	-	-	9.5	9.7	9.7	9.5	9.5	9.0	8.4	8.2	7.1	6.0	-	-	40		
48	-	-	6.7	6.9	6.9	6.8	6.7	6.3	6.1	5.6	4.7	3.5	-	-	48		
56	-	-	-	5.0	5.1	5.0	4.8	4.6	4.1	3.7	2.9	-	-	-	56		
64	-	-	-	-	3.8	3.6	3.5	3.1	2.7	2.4	-	-	-	-	64		
72	-	-	-	-	2.9	2.7	2.4	2.0	1.6	-	-	-	-	-	72		
1)	12.3	7.7	5.3	3.5	2.4	-	-	-	-	-	-	-	-	-	1)		

1) Capacities with horizontal boom

☰ 18,700 lb		📏 22.6 ft x 9.8 ft											360°		85%	
📐 📐		34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft	📐		
ft	1,000 lb												ft			
12	54.1	50.1	47.1	43.2	-	-	-	-	-	-	-	-	-	12		
14	43.5	42.5	39.8	37.2	35.1	-	-	-	-	-	-	-	-	14		
16	34.6	36.0	34.3	32.6	31.0	-	-	-	-	-	-	-	-	16		
18	28.8	30.5	30.0	29.1	27.6	26.1	-	-	-	-	-	-	-	18		
20	23.7	25.5	26.3	25.6	24.5	23.2	21.5	-	-	-	-	-	-	20		
24	17.6	19.0	19.9	20.1	19.9	18.9	17.9	16.7	-	-	-	-	-	24		
28	13.5	14.8	15.7	15.9	16.1	15.7	14.9	13.9	13.1	-	-	-	-	28		
32	-	11.8	12.7	12.9	12.9	12.9	12.6	11.7	11.0	10.5	-	-	-	32		
36	-	9.7	10.5	10.7	10.8	10.7	10.6	10.0	9.3	9.0	8.1	-	-	36		
40	-	-	8.6	8.8	9.0	8.8	8.8	8.4	7.8	7.5	6.6	5.5	-	40		
48	-	-	6.3	6.5	6.6	6.3	6.3	5.9	5.7	5.4	4.4	3.3	-	48		
56	-	-	-	4.7	4.9	4.7	4.6	4.3	3.9	3.6	2.7	-	-	56		
64	-	-	-	-	3.6	3.5	3.3	3.1	2.6	2.3	-	-	-	64		
72	-	-	-	-	2.7	2.4	2.4	2.0	-	-	-	-	-	72		
1)	11.2	7.1	5.1	3.3	2.2	-	-	-	-	-	-	-	-	1)		

☰ 10,400 lb		📏 22.6 ft x 9.8 ft											360°		85%	
📐 📐		34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft	📐		
ft	1,000 lb												ft			
10	54.2	49.9	45.8	39.8	-	-	-	-	-	-	-	-	-	10		
12	42.9	40.6	37.7	35.5	-	-	-	-	-	-	-	-	-	12		
14	34.3	33.8	32.3	30.2	27.9	-	-	-	-	-	-	-	-	14		
16	27.1	28.5	27.5	26.1	24.7	-	-	-	-	-	-	-	-	16		
18	22.4	24.0	24.1	23.0	21.9	20.3	-	-	-	-	-	-	-	18		
20	18.3	19.8	20.9	20.1	19.3	18.0	16.5	-	-	-	-	-	-	20		
24	13.1	14.7	15.5	15.7	15.5	14.5	13.6	12.6	-	-	-	-	-	24		
28	9.8	11.3	12.1	12.3	12.4	11.9	11.2	10.3	9.5	-	-	-	-	28		
32	-	8.8	9.5	9.7	9.9	9.7	9.4	8.5	7.8	7.4	-	-	-	32		
36	-	7.1	7.8	8.0	8.2	8.0	7.9	7.1	6.4	6.0	5.1	-	-	36		
40	-	-	6.2	6.4	6.7	6.4	6.4	5.8	5.1	4.7	3.8	-	-	40		
48	-	-	4.3	4.5	4.7	4.4	4.4	3.9	3.1	2.9	-	-	-	48		
56	-	-	-	3.2	3.3	3.1	2.9	2.4	-	-	-	-	-	56		
64	-	-	-	-	2.2	2.0	1.8	-	-	-	-	-	-	64		
1)	7.9	4.9	3.3	2.0	-	-	-	-	-	-	-	-	-	1)		

1) Capacities with horizontal boom

☰ 7,100 lb		📏 22.6 ft x 9.8 ft											360°		85%	
↙ ↘		34.1 ft	45.6 ft	57.1 ft	68.6 ft	80.1 ft	91.5 ft	103.0 ft	114.5 ft	126.0 ft	137.5 ft	149.0 ft	164.0 ft	↙ ↘		
ft	1,000 lb												ft			
10	48.7	45.3	41.3	35.6	-	-	-	-	-	-	-	-	-	10		
12	38.5	36.5	34.6	32.0	-	-	-	-	-	-	-	-	-	12		
14	30.7	30.3	29.0	27.2	25.0	-	-	-	-	-	-	-	-	14		
16	24.1	25.6	24.8	23.4	22.0	-	-	-	-	-	-	-	-	16		
18	19.8	21.5	21.6	20.6	19.5	18.2	-	-	-	-	-	-	-	18		
20	16.1	17.7	18.6	18.0	17.1	16.0	14.7	-	-	-	-	-	-	20		
24	11.4	13.0	13.8	14.0	13.6	12.8	12.1	11.1	-	-	-	-	-	24		
28	8.4	9.8	10.5	10.7	10.9	10.4	9.8	8.9	8.1	-	-	-	-	28		
32	-	7.5	8.3	8.5	8.8	8.5	8.0	7.2	6.5	6.2	-	-	-	32		
36	-	6.0	6.8	7.0	7.2	7.0	6.6	5.9	5.2	4.9	3.8	-	-	36		
40	-	-	5.4	5.6	5.8	5.6	5.4	4.7	4.0	3.6	-	-	-	40		
48	-	-	3.6	3.8	3.8	3.8	3.6	2.9	-	-	-	-	-	48		
56	-	-	-	2.4	2.6	2.4	2.2	-	-	-	-	-	-	56		
1)	6.6	4.0	2.6	-	-	-	-	-	-	-	-	-	-	1)		



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.

## Basic machine

### Equipment carrier

<b>Engine 260-4</b>	Mercedes-Benz OM936LA; Diesel engine; 260 kW / 2200 <sup>1</sup> /min (348 HP), torque 1400 Nm / 1200-1600 <sup>1</sup> /min; The engine complies with Euromot 4/Tier 4F; Exhaust system complete stainless steel with SCR catalyzer.
<b>Fuel tank</b>	103 gallons Diesel (no RME / biodiesel); 11 gallons AdBlue tank.
<b>Transmission AS-Tronic</b>	ZF AS-Tronic; Automated gearbox with 12 forward speeds and 2 reverse; 2-stage transfer case with switchable off-road gear and switchable longitudinal lock.
<b>Axles 6 x 4 x 6</b>	6 x 4 x 6; 3 axles, axles 1 and 3 driven and equipped with selectable transverse lock; All axles steered.
<b>Suspension</b>	Hydropneumatic suspension with axle load compensation; Hydraulically lockable; Manual or automatic levelling alternatively.
<b>Steering</b>	Dual circuit hydro servocom steering with emergency steering pump; Active rear axle steering.
<b>Brakes</b>	Pneumatic dual circuit service brake with antilock system, acting on all wheels; Disc brakes; additional, double-speed decompression brake; Spring-loaded parking brake.
<b>Tire size 385/95 R25 (14.00R25)</b>	Tires size 385/95 R25 (14.00R25); Steel rim 9,5-25/1,7"; TechKing ETCRANE 170F; or similar.
<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; Electrically adjustable rear-view mirrors, heated; Preparation for radio.
<b>Drive lights</b>	Including low beams, high beams, daytime running lights.
<b>Outriggers</b>	H-4-Point design; Vertical and horizontal movement fully hydraulic; Manual or automatic levelling alternatively; 3 outrigger bases: 9.8 ft, 14.8 ft and 21.3 ft.
<b>Outrigger pads 020</b>	4 round outrigger pads A = 0.66 ft <sup>2</sup> 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 immobiliser system</b>	Prevents uncontrolled carrier mobilisation; Incl. 5 ignition keys.
<b>Pneumatic tire filling plug</b>	Pneumatic tire filling plug for self-filling of the wheels.
<b>Contour safety marking</b>	Continuous reflective strips on the sides of the chassis and on the rear.

### Equipment superstructure

<b>Telescopic boom HA50</b>	34.1 ft - 164.0 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 3 sheaves integrated in boom head for max. capacity of 87,100 lb.
<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.
<b>H1</b>	Hoist with spring-loaded multi-disc brake; Resolver (hoist rotation indicator).
<b>Counterweight 10,400 lb</b>	10,400 lb; 4 pieces; 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>Hook height indication</b>	Displaying and programmability of the hook height H1 by IC-1.
<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; Preparation for radio.
<b>Heating engine-independent</b>	Engine-independent warm water heating with 5 kW heating power.
<b>Anemometer</b>	Removable, to be used with all extensions.

## Additional equipment

### Carrier

<b>Axles 6 x 6 x 6</b>	6 x 6 x 6; All 3 axles steered, axles 1 and 3 permanently driven, axle 2 shiftable, all axles equipped with selectable transverse lock.
<b>Wear-free auxiliary brake</b>	Wear-free auxiliary eddy-current brake at 3rd axle.
<b>Aircondition</b>	Aircondition for carrier cab with 7 kW rated cooling power.
<b>Tires</b>	6 tires; Tire size 445/95R25 (16.00R25) or 525/80 (20.5R25).

### Superstructure

<b>2. hoist (H2)</b>	2. hoist; Spring-loaded multi-disc brake; Integrated resolver (hoist rotation indicator); Incl. quick couplings and transport rack.
<b>Additional counterweight 16,300 lb</b>	Additional counterweight 16,300 lb, 3 pieces; for total 26,700 lb, 7 pieces.
<b>Aircondition</b>	Aircondition in crane cab with 5 kW rated cooling power.

### Handling

<b>Remote control</b>	Control of superstructure movements via wireless remote control.
<b>Moving out of crane cab</b>	Control of carrier out of crane cab, enables machine moving when rigged, possible even under load.
<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.

### Extensions

<b>HAV 29.5 ft</b>	29.5 ft; Lattice swing-away jib, manual offset 20°/40°; 1-sheave head; Incl. transport storage.
<b>HAV 52.5 ft</b>	52.5 ft; Double folding swing-away jib, manual offset 20°/40°; 1-sheave head; Incl. transport storage; Includes HAV 29.5 ft.
<b>MS (runner)</b>	4.9 ft; Variable assembly jib with manual offset; 2-sheaves, for max. 58,700 lb lifting capacity.

### Hook Blocks

<b>VarioHook 50-3B-18-D</b>	50-3B-18-D (662 lb - 1,210 lb); Hook block with adjustable ballast and ramshorn hook, variable usage as 1- and 3-sheave hook block; white with red signal stripes.
<b>VarioHook 50-3B-18-E</b>	50-3B-18-E (662 lb - 1,210 lb); Hook block with adjustable ballast and single hook, variable usage as 1- and 3-sheave hook block; white with red signal stripes.
<b>Hook block 20-1-18-E</b>	20-1-18-E (662 lb); Hook block with single hook; white with red signal stripes.
<b>Hook 8-0V-18-E</b>	8-0V-18-E (375 lb); red.

#### Further additional equipment on request!

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

August 2019. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the corresponding Operator's Manual when using our equipment or to otherwise act responsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Demag makes no other warranty, express or implied. All rights reserved. Products and services listed may be trademarks, service marks or trade-names of Demag IP Holdings GmbH.

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**Tadano Demag GmbH**  
Europa Allee 2  
66482 Zweibrücken  
Germany  
T +49 6332 830

[www.demagmobilecranes.com](http://www.demagmobilecranes.com)



**Tadano Ltd.** (International Division)  
4-12, Kamezawa 2-chome  
Sumida-ku Tokyo 130-0014, Japan  
E [info@tadano.com](mailto:info@tadano.com) T 81-3-3621-7750  
[www.tadano.com](http://www.tadano.com)