

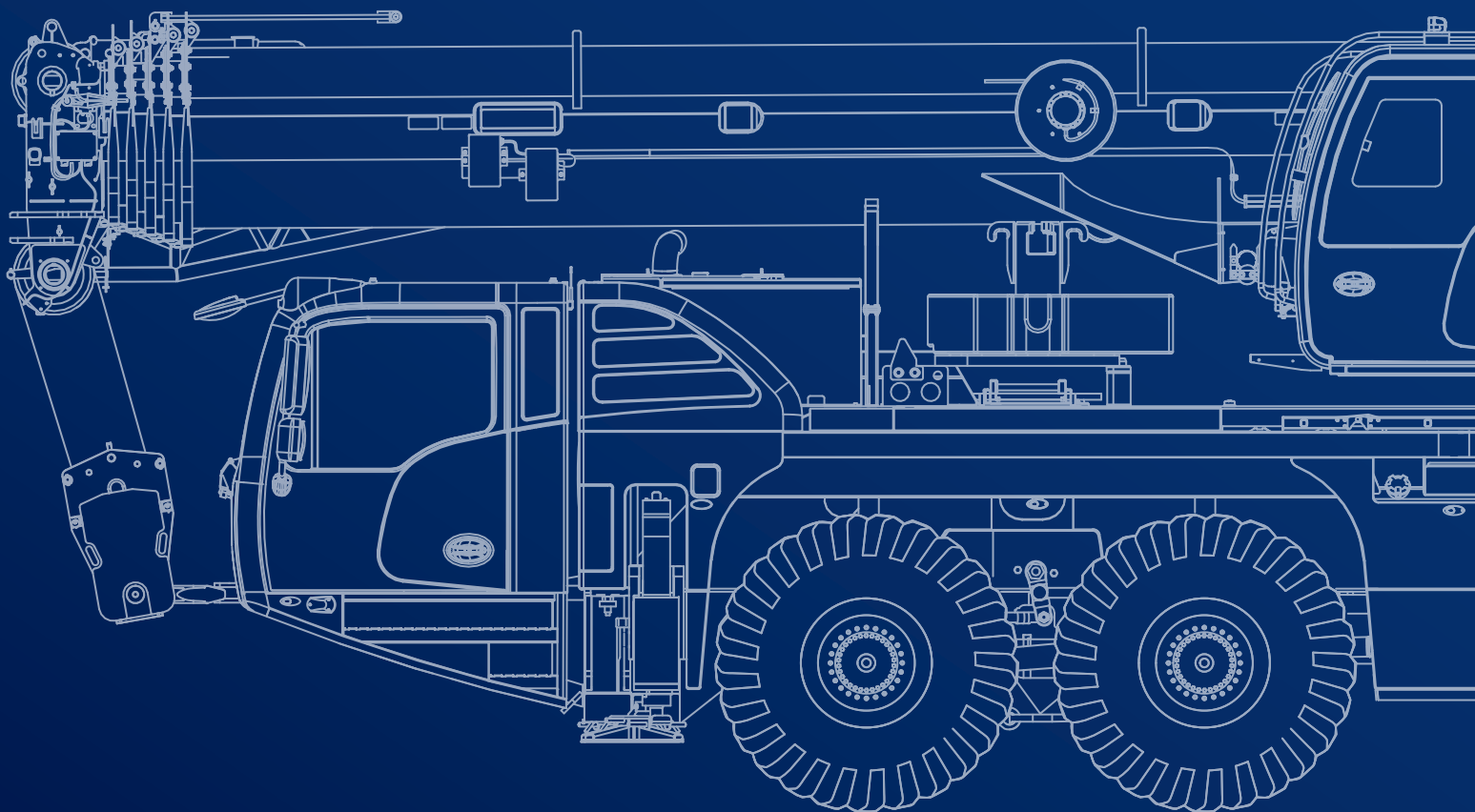


1 - 877 - MAX - LIFT

TECHNICAL DATA | IMPERIAL

AC 4.070-2

75 US TON MAX. CRANE CAPACITY



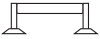
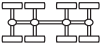
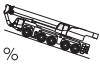
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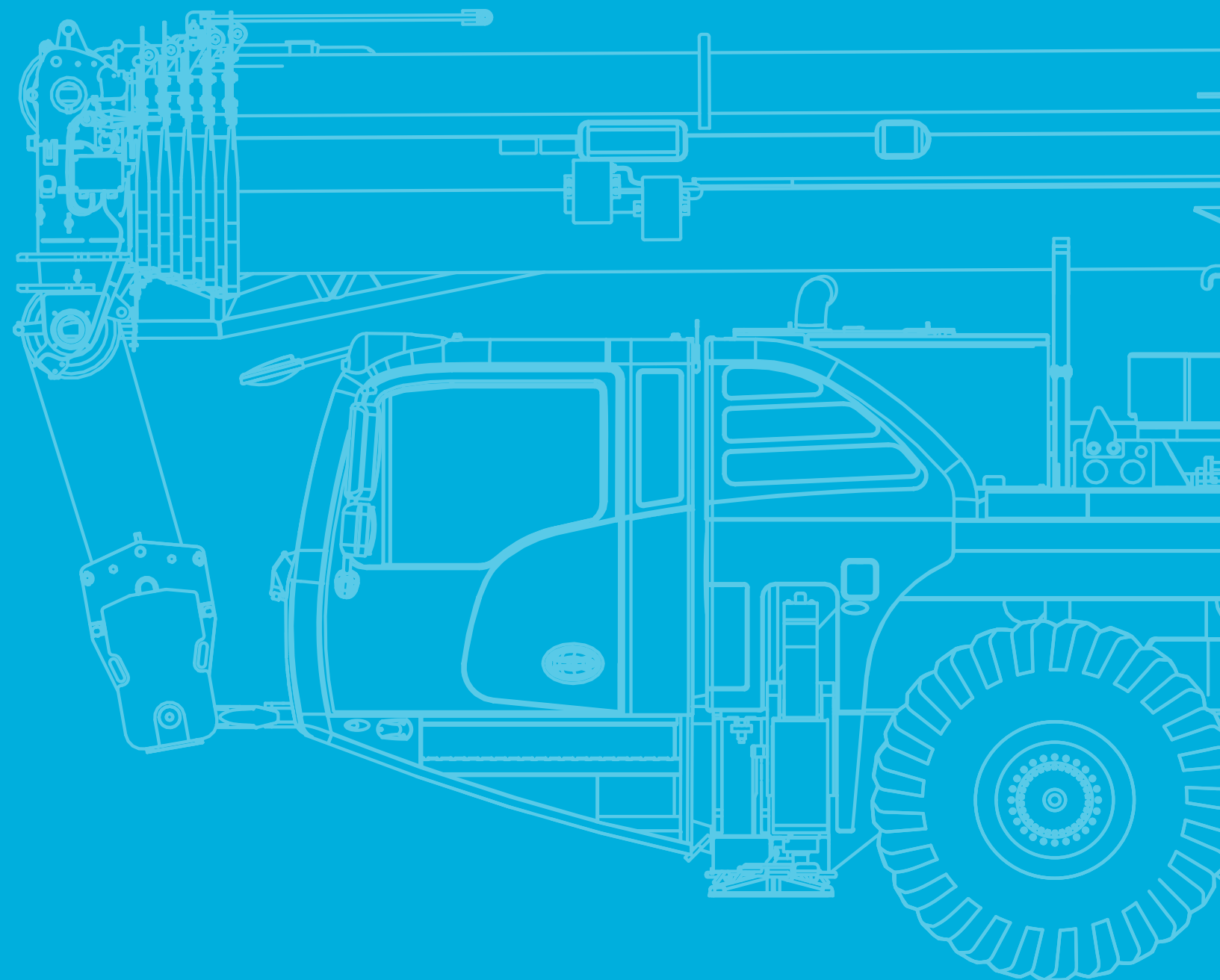
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Key

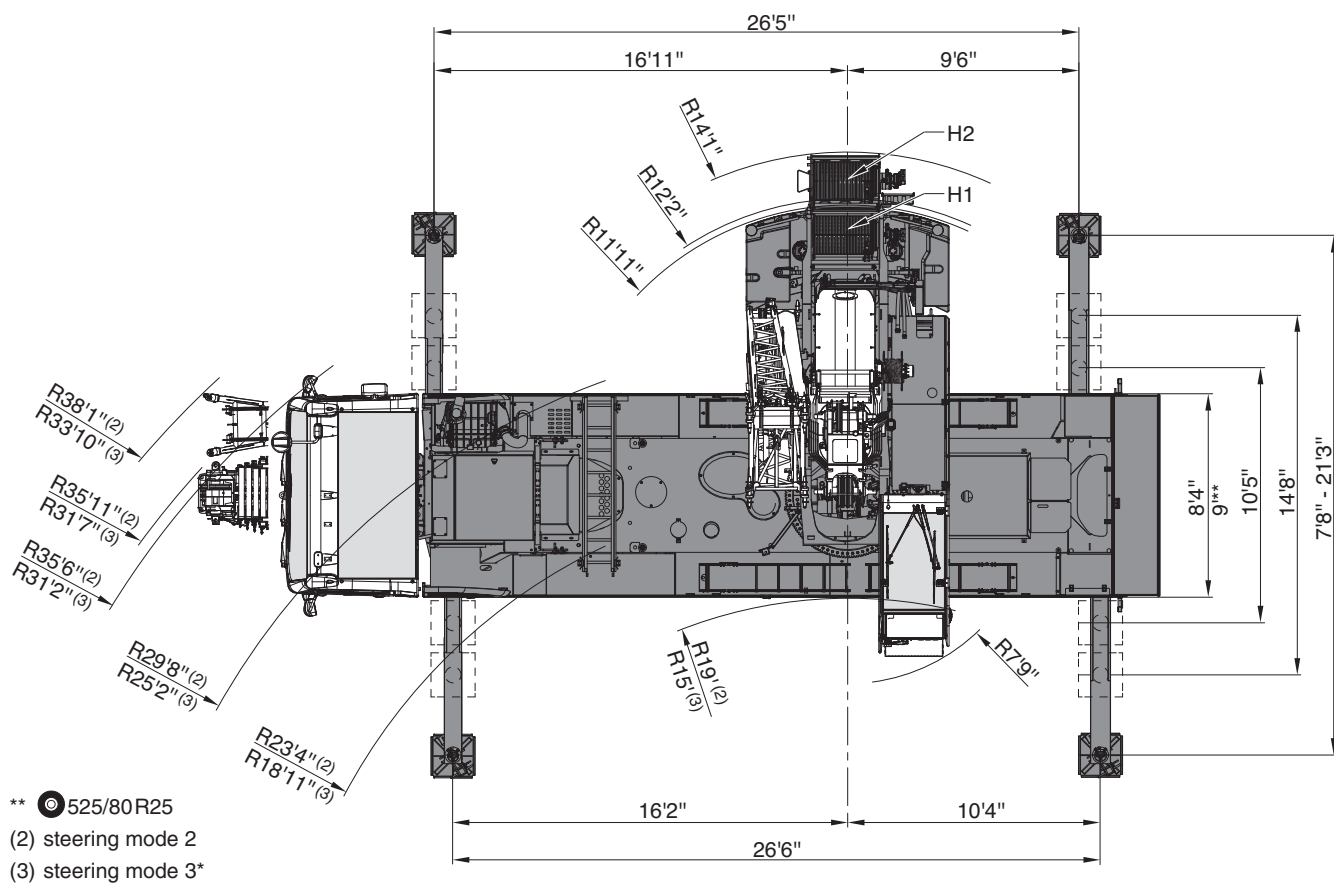
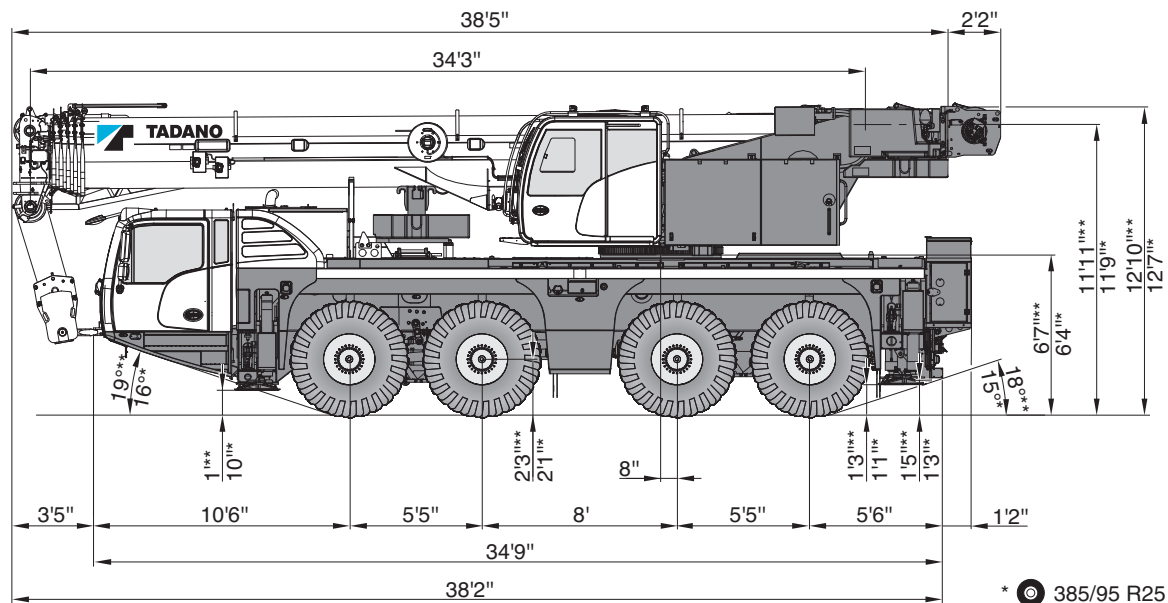
	Counterweight		Dolly
	Lifting capacities on outriggers · 360°		Working speeds
	Radius		Slewing
	Main boom		Max. line pull
	Folding swing-away jib		Rope diameter
	Runner		Rope length
	Max. axle loads		Hook block
	Mechanism		Number of lines
	Tires		Possible load of hook block
	Hook block		Weight of hook 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



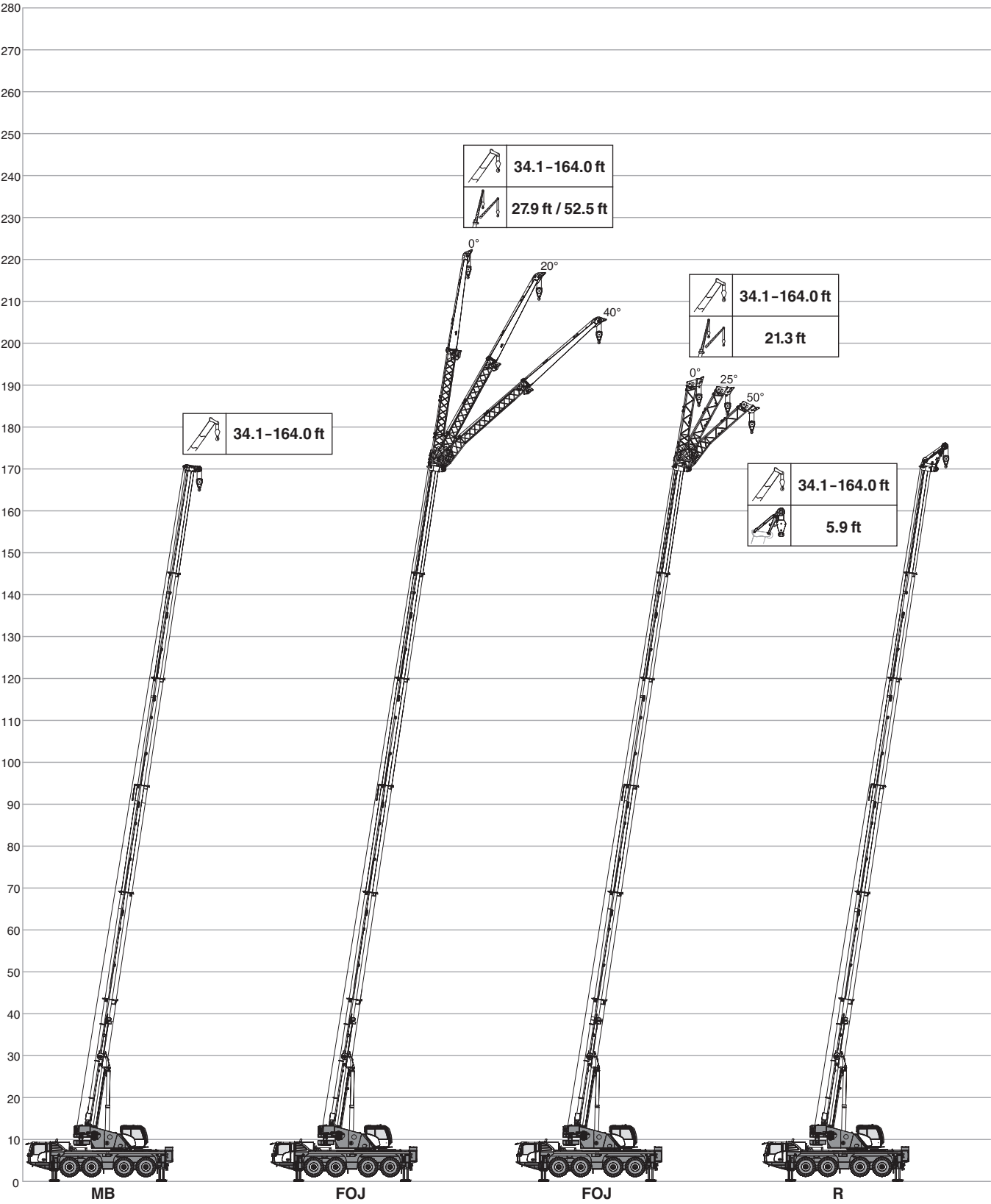
General

Vehicle dimensions



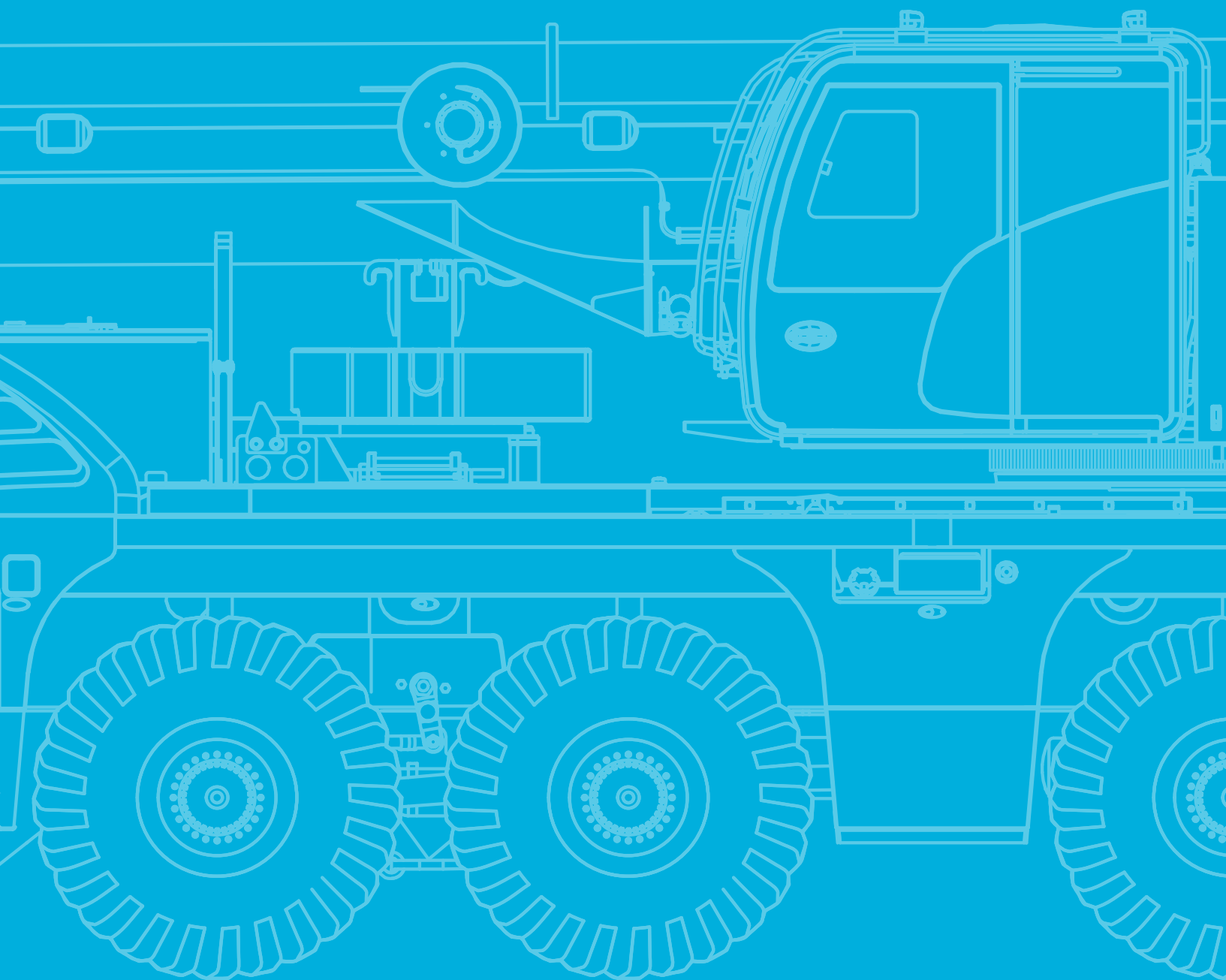
General

Boom combinations



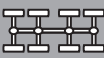
Notes

TECHNICAL DATA FOR ON-ROAD AND OFF-ROAD DRIVING



On-road and off-road driving

Axle loads

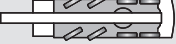
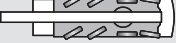
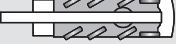
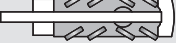
	Total								
< 22,050 lbs	< 75,000 lbs	8 x 4 x 8	385/95R25	164.0 ft	—	—	—	—	—
< 22,050 lbs	< 88,200 lbs	8 x 6 x 8	445/95R25	164.0 ft	44,100 lbs	9,700 lbs	—	—	880 lbs
< 26,500 lbs	< 105,800 lbs	8 x 6 x 8	445/95R25	164.0 ft	110,200 lbs	26,200 lbs	21.3 ft	—	330 lbs
< 26,500 lbs	< 105,800 lbs	8 x 6 x 8	445/95R25	164.0 ft	44,100 lbs	23,400 lbs	21.3 ft	X	330 lbs
< 26,500 lbs	< 105,800 lbs	8 x 6 x 8	445/95R25	164.0 ft	—	26,200 lbs	52.5 ft	—	—
< 26,500 lbs	< 105,800 lbs	8 x 6 x 8	445/95R25	164.0 ft	17,600 lbs	23,400 lbs	52.5 ft	X	220 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
 %	46 %	42 %	42 %
 %	> 70 %	> 60 %	> 60 %
	52.8 mph ¹⁾		

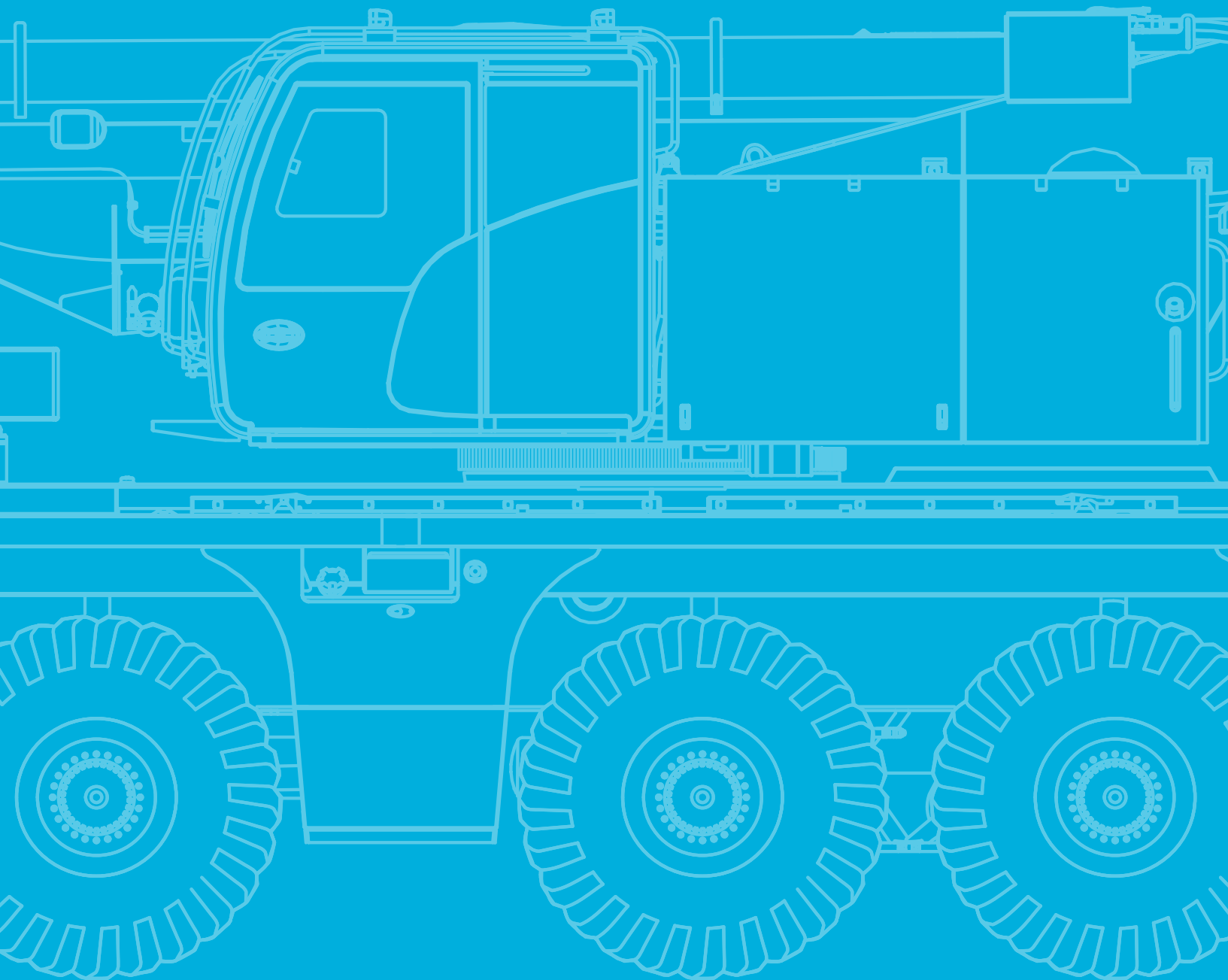
¹⁾ Depending on tire type, size and country specific legislation

Steering

	1 Highway > 28 mph
	2 City < 28 mph
	3* Minimum turning radius < 3.1 mph
	4* Off-wall
	5* Crab steer mode
	6* All wheel steering

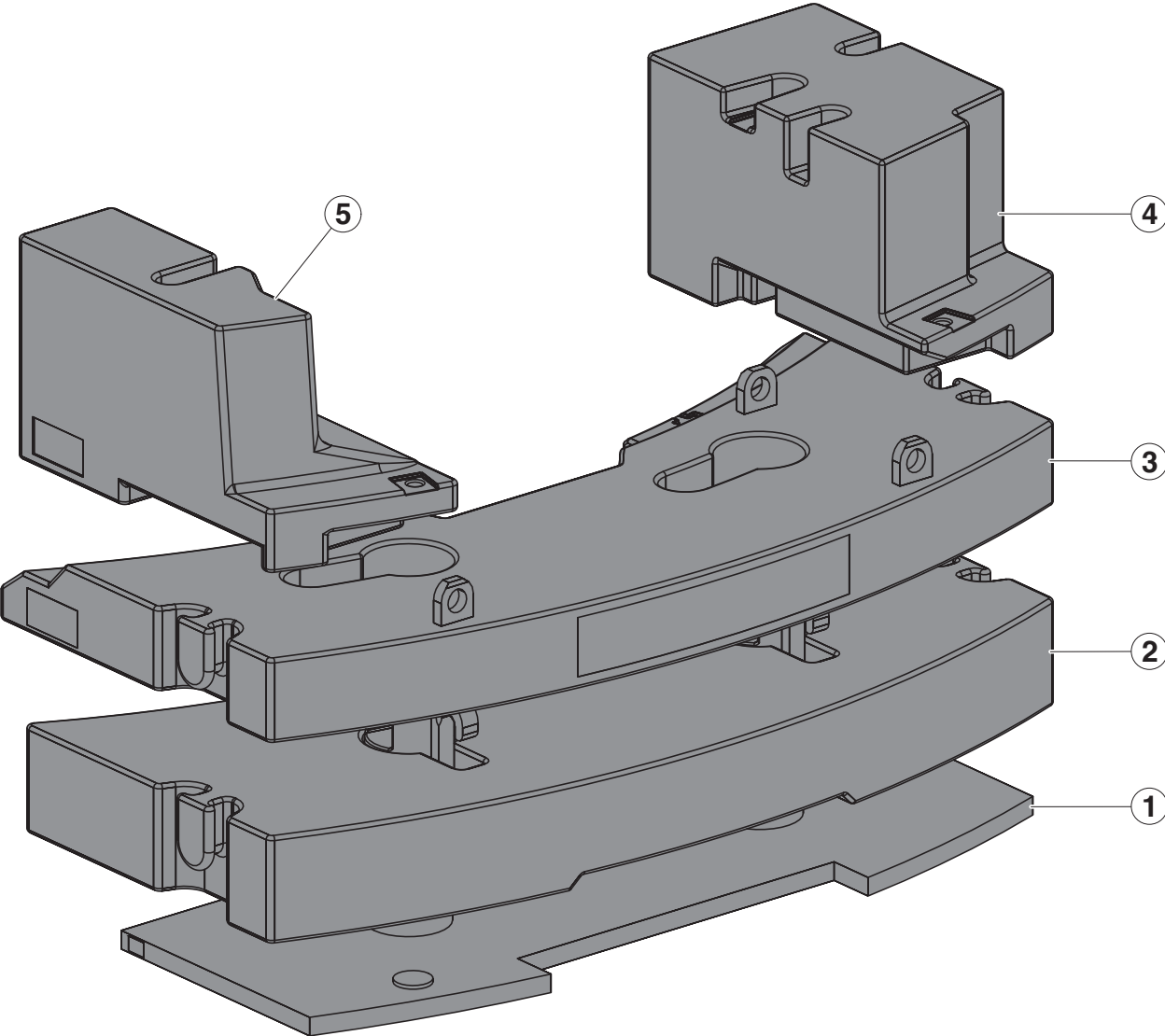
* must be activated

TECHNICAL DATA FOR TRANSPORT



Transportation

Counterweight

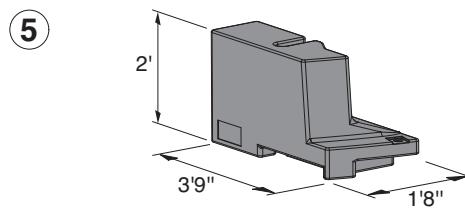
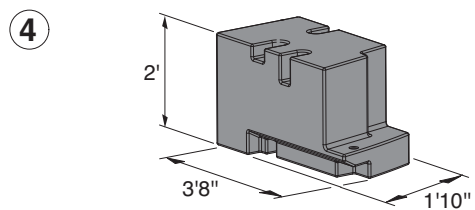
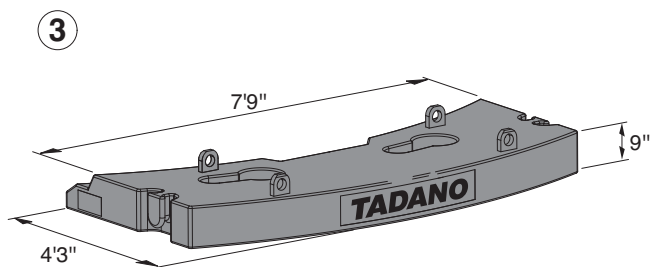
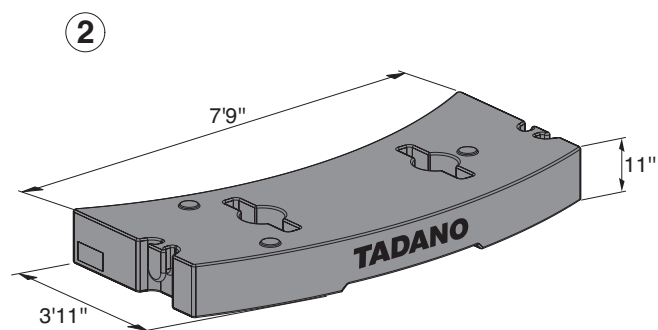
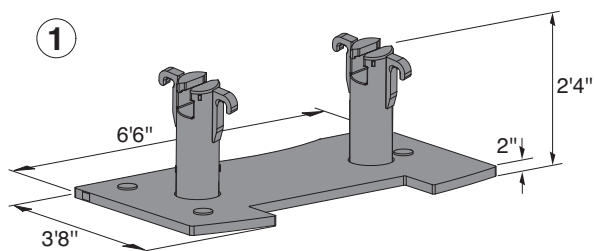


Configurations

	7,300 lbs	9,700 lbs	14,100 lbs	16,500 lbs	19,400 lbs	23,400 lbs	26,200 lbs
① 2,400 lbs		1		1	1	1	1
② 9,700 lbs				1	1	1	1
③ 6,800 lbs			1			1	1
④ 4,400 lbs	1	1	1	1	1	1	1
⑤ 2,900 lbs	1	1	1		1		1

Transportation

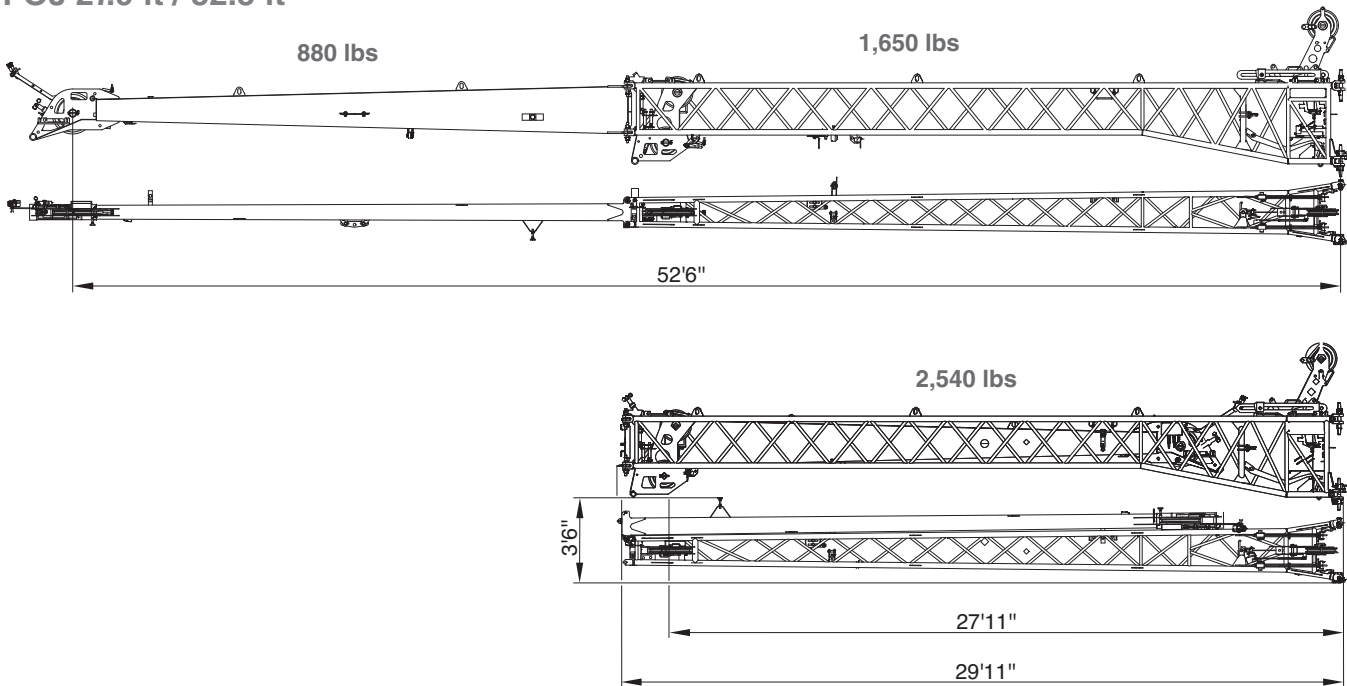
Counterweight



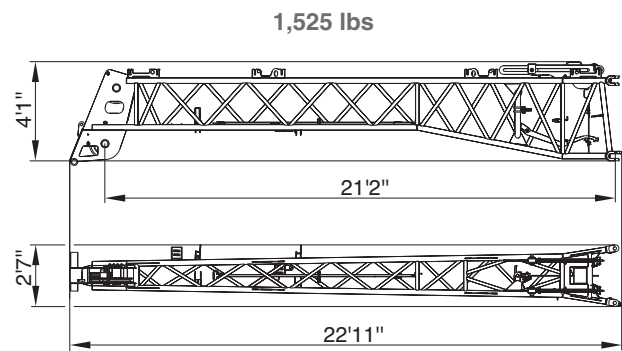
Transportation

Jib

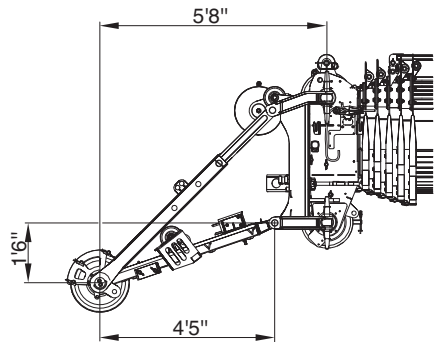
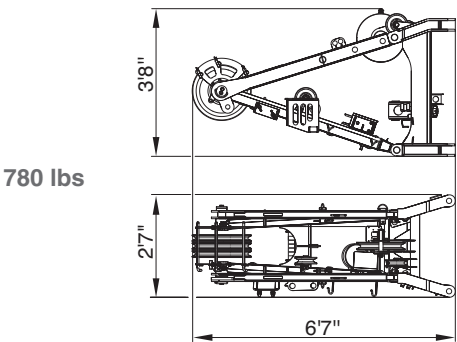
FOJ 27.9 ft / 52.5 ft



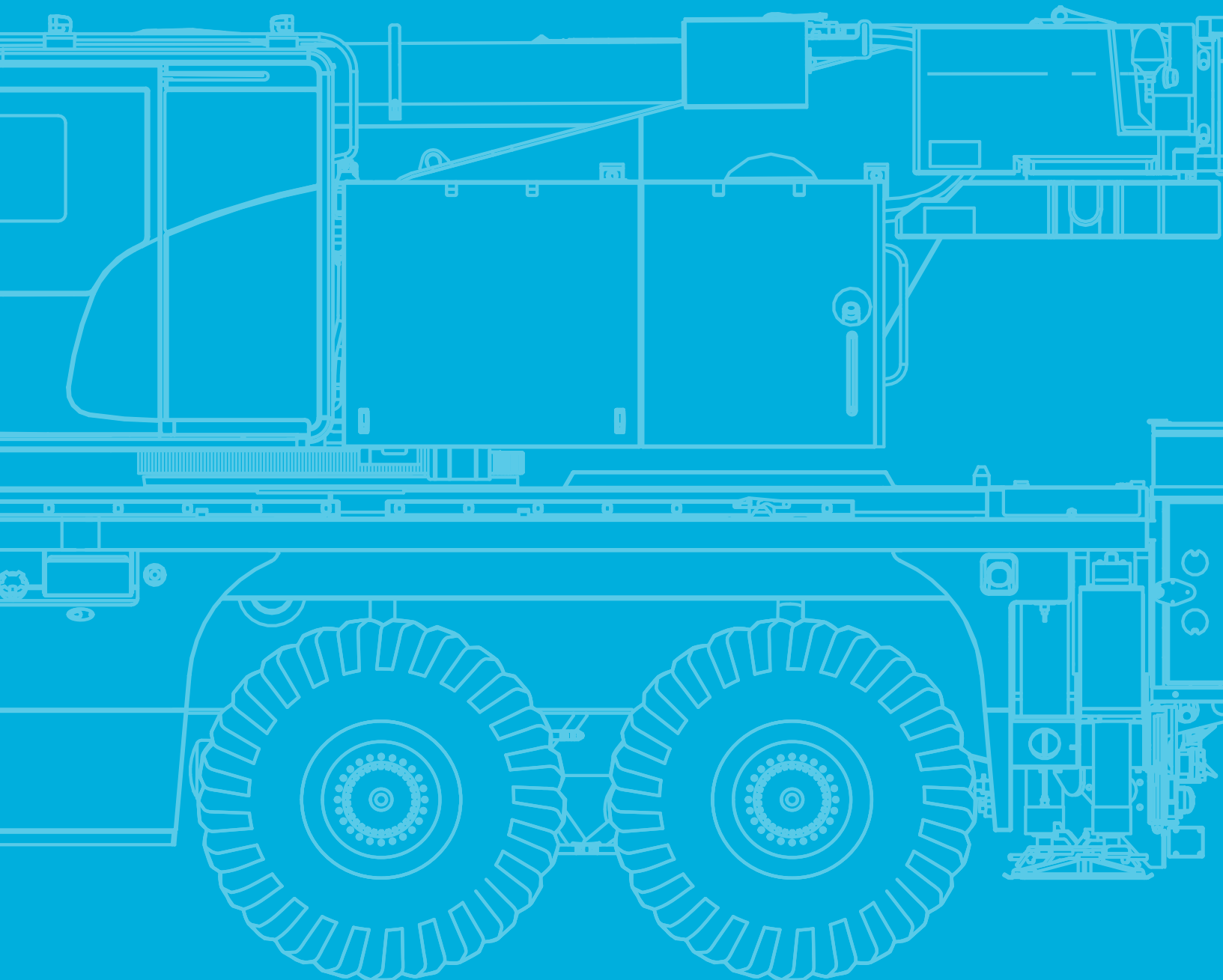
FOJ 21.3 ft



R



TECHNICAL DATA FOR OPERATION



Notes

Operation

Main boom



approx. 430 s (34.1 - 164.0 ft)



approx. 45 s (-4,5° - 82°)

Slewing

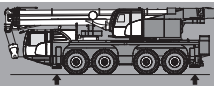


1,6 min⁻¹

Hoist

				
1	393.7 ft/min	15,040 lbf	0.72"	787 ft
2	393.7 ft/min	15,040 lbf	0.72"	787 ft

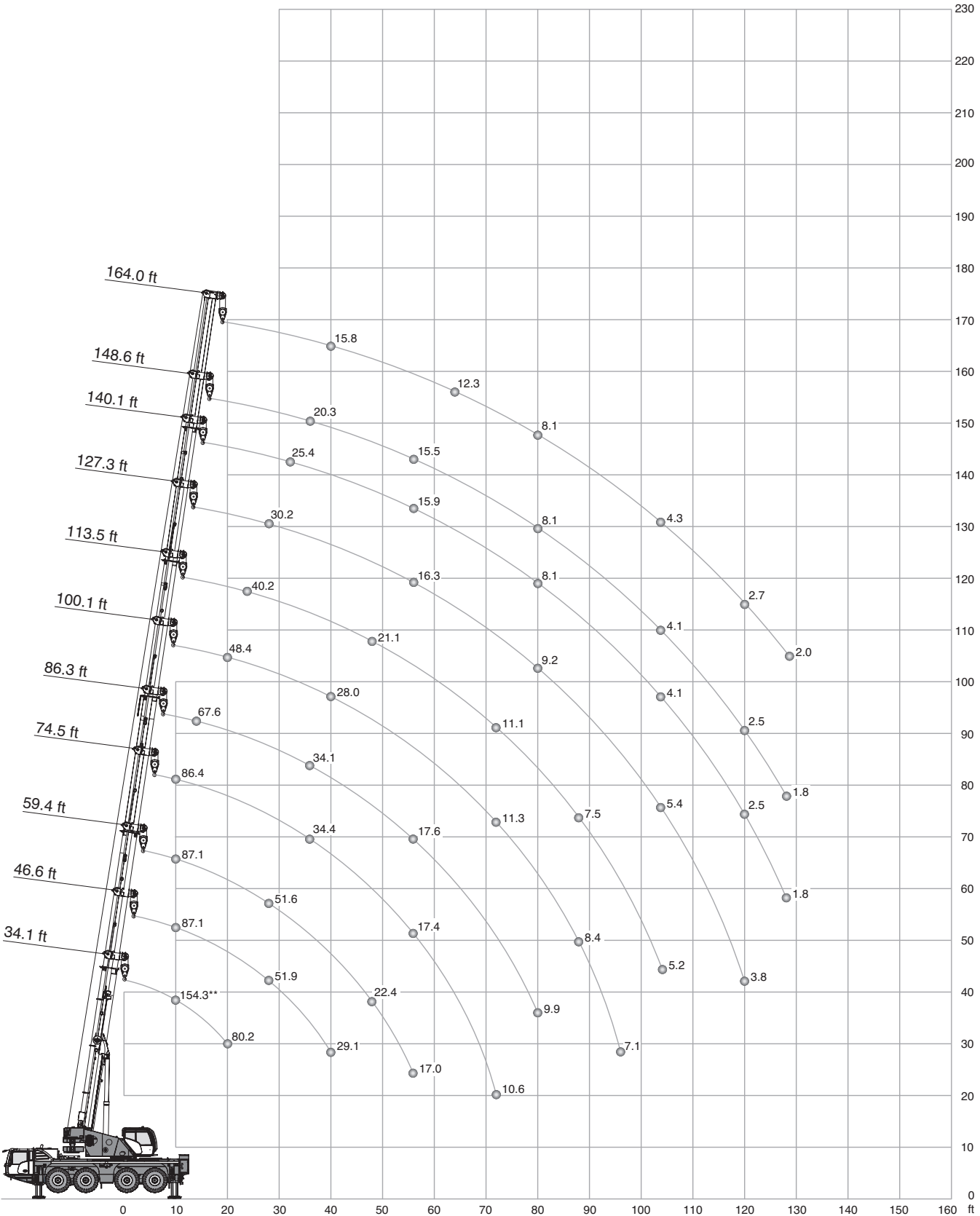
Outrigger cylinders

		
 Max.	86,000 lbs	110,200 lbs
	28.7"	31.5"

Hook Blocks



					
17,600 lbs	14,900 lbs	—	1	380 lbs	3.3 ft
44,100 lbs	44,200 lbs	1	3	660 lbs	5.9 ft
110,200 lbs	87,100 lbs	3	6	1,320 lbs	5.9 ft



 26,200 lbs		 26.5 ft x 21.3 ft		360°		ASME B30.5									
		34.1 *	34.1	45.3	46.6	59.4	74.5	86.3	100.1	113.5	127.3	140.1	148.6	164.0	
ft		(ft)													ft
		1,000 lbs													
10	154.3 **	-	-	-	-	-	-	-	-	-	-	-	-	-	10
10	87.1	87.1	87.1	87.1	87.1	87.1	86.4	-	-	-	-	-	-	-	10
12	87.1	87.1	87.1	87.1	87.1	87.1	79.9	-	-	-	-	-	-	-	12
14	87.1	87.1	87.1	87.1	87.1	85.2	78.3	67.6	-	-	-	-	-	-	14
16	87.1	86.6	84.1	83.4	79.7	75.7	63.3	-	-	-	-	-	-	-	16
18	84.3	81.4	78.8	78.1	74.4	71.2	59.2	-	-	-	-	-	-	-	18
20	80.2	75.0	73.6	73.0	69.5	66.6	55.2	48.4	-	-	-	-	-	-	20
24	-	-	64.0	63.4	61.1	58.8	48.4	44.3	40.2	-	-	-	-	-	24
28	-	-	51.7	51.9	51.6	50.0	42.7	40.0	36.8	30.2	-	-	-	-	28
32	-	-	41.2	42.1	42.1	41.1	38.8	36.0	34.0	29.2	25.4	-	-	-	32
36	-	-	-	35.1	35.0	34.4	34.1	32.1	31.0	27.5	24.7	20.3	-	-	36
40	-	-	-	29.1	28.9	29.6	29.1	28.0	27.9	25.6	23.8	19.7	15.6	-	40
48	-	-	-	-	22.4	22.4	21.8	22.0	21.1	20.8	20.2	18.1	15.0	-	48
56	-	-	-	-	17.0	17.4	17.6	17.2	17.0	16.3	15.9	15.5	14.1	-	56
64	-	-	-	-	-	14.5	14.3	13.8	13.4	13.2	12.5	12.5	12.3	-	64
72	-	-	-	-	-	10.6	11.7	11.3	11.1	11.3	10.0	10.0	10.2	-	72
80	-	-	-	-	-	-	9.9	9.5	9.0	9.2	8.1	8.1	8.1	-	80
88	-	-	-	-	-	-	-	8.4	7.5	7.7	6.6	6.4	6.6	-	88
96	-	-	-	-	-	-	-	7.1	6.3	6.5	5.3	5.2	5.4	-	96
104	-	-	-	-	-	-	-	-	5.2	5.4	4.1	4.1	4.3	-	104
112	-	-	-	-	-	-	-	-	-	4.6	3.3	3.3	3.3	-	112
120	-	-	-	-	-	-	-	-	-	3.8	2.5	2.5	2.7	-	120
128	-	-	-	-	-	-	-	-	-	-	1.8	1.8	2.0	-	128
1)	36.8	36.8	27.3	25.4	17.6	13.7	10.1	7.5	4.6	3.5	1.8	-	-	-	1)

1) Capacities with horizontal boom

* over rear

** Max. crane capacity – with additional special equipment

23,400 lbs				 26.5 ft x 21.3 ft				360° / Max.*					ASME B30.5		
		360° 34.1ft	Max. 34.1ft	360° 45.3ft	Max. 45.3ft	360° 46.6ft	Max. 46.6ft	360° 59.4ft	Max. 59.4ft	360° 74.5ft	Max. 74.5ft	360° 86.3ft	Max. 86.3ft		
ft		1,000 lbs												ft	
10	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	86.4	86.4	-	-	10	
12	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	79.9	79.9	-	-	12	
14	87.1	87.1	87.1	87.1	87.1	87.1	87.1	85.2	85.2	78.3	78.3	67.6	67.6	14	
16	86.6	86.6	84.1	84.1	83.4	83.4	83.4	79.7	79.7	75.7	75.7	63.3	63.3	16	
18	81.4	81.4	78.8	78.8	78.1	78.1	78.1	74.4	74.4	71.2	71.2	59.2	59.2	18	
20	75.0	75.0	73.6	73.6	73.0	73.0	73.0	69.5	69.5	66.6	66.6	55.2	55.2	20	
24	-	-	63.2	64.0	62.6	63.4	60.3	61.1	57.9	58.8	48.4	48.4	48.4	24	
28	-	-	49.2	51.7	49.6	51.9	50.3	51.6	47.6	50.0	42.7	42.7	42.7	28	
32	-	-	39.3	41.2	40.0	42.1	40.0	42.1	39.1	41.1	38.6	38.8	38.8	32	
36	-	-	-	-	33.3	35.1	33.3	35.0	32.7	34.4	33.2	34.1	34.1	36	
40	-	-	-	-	27.6	29.1	27.6	28.9	28.3	29.6	27.6	29.1	29.1	40	
48	-	-	-	-	-	-	-	21.4	22.4	21.2	22.4	21.4	21.8	48	
56	-	-	-	-	-	-	-	16.0	17.0	16.7	17.4	16.8	17.6	56	
64	-	-	-	-	-	-	-	-	-	13.8	14.5	13.6	14.3	64	
72	-	-	-	-	-	-	-	-	-	10.4	10.6	11.1	11.7	72	
80	-	-	-	-	-	-	-	-	-	-	-	9.2	9.9	80	
1)	36.8	36.8	27.3	27.3	25.4	25.4	16.5	17.6	12.8	13.7	9.5	10.1	10.1	1)	

		360° 100.1ft	Max. 100.1ft	360° 113.5ft	Max. 113.5ft	360° 127.3ft	Max. 127.3ft	360° 140.1ft	Max. 140.1ft	360° 148.6ft	Max. 148.6ft	360° 164.0ft	Max. 164.0ft	
ft		1,000 lbs												ft
20	48.4	48.4	-	-	-	-	-	-	-	-	-	-	-	20
24	44.3	44.3	40.2	40.2	-	-	-	-	-	-	-	-	-	24
28	40.0	40.0	36.8	36.8	30.2	30.2	-	-	-	-	-	-	-	28
32	35.7	36.0	34.0	34.0	29.2	29.2	25.4	25.4	-	-	-	-	-	32
36	31.1	32.1	30.4	31.0	26.9	27.5	24.7	24.7	20.3	20.3	-	-	-	36
40	27.4	28.0	26.6	27.9	24.4	25.6	23.7	23.8	19.7	19.7	15.6	15.6		40
48	20.9	22.0	20.1	21.1	19.7	20.8	19.2	20.2	17.8	18.1	15.0	15.0		48
56	16.2	17.2	16.0	17.0	15.3	16.3	15.1	15.9	14.7	15.5	14.0	14.1		56
64	12.9	13.8	12.7	13.4	12.7	13.2	11.8	12.5	11.6	12.5	11.6	12.3		64
72	10.8	11.3	10.4	11.1	10.6	11.3	9.3	10.0	9.3	10.0	9.3	10.2		72
80	9.2	9.5	8.6	9.0	8.8	9.2	7.5	8.1	7.5	8.1	7.5	8.1		80
88	7.8	8.4	7.0	7.5	7.3	7.7	5.9	6.6	5.9	6.4	5.9	6.6		88
96	6.7	7.1	5.8	6.3	5.9	6.5	4.7	5.3	4.6	5.2	4.7	5.4		96
104	-	-	4.8	5.2	4.9	5.4	3.7	4.1	3.6	4.1	3.8	4.3		104
112	-	-	-	-	4.1	4.6	2.8	3.3	2.8	3.3	3.0	3.3		112
120	-	-	-	-	3.3	3.8	2.2	2.5	2.1	2.5	2.2	2.7		120
128	-	-	-	-	-	-	-	2.0	-	1.8	-	2.0		128
1)	7.1	7.5	4.2	4.6	3.3	3.5	-	1.8	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 9,700 lbs		 26.5 ft x 21.3 ft		360° / Max.*								ASME B30.5	
 360° 34.1ft	Max. 34.1ft	360° 45.3ft	Max. 45.3ft	360° 46.6ft	Max. 46.6ft	360° 59.4ft	Max. 59.4ft	360° 74.5ft	Max. 74.5ft	360° 86.3ft	Max. 86.3ft		
ft	1,000 lbs												ft
10	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	86.4	86.4	-	-	10
12	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	79.9	79.9	-	-	12
14	87.1	87.1	87.1	87.1	87.1	87.1	85.2	85.2	78.3	78.3	67.6	67.6	14
16	86.6	86.6	84.1	84.1	83.4	83.4	79.7	79.7	75.7	75.7	63.3	63.3	16
18	79.8	80.8	77.5	78.7	76.2	78.1	71.2	74.4	66.9	71.2	58.3	59.2	18
20	70.7	73.8	69.9	73.3	68.2	72.6	62.5	69.4	57.3	66.6	53.0	55.2	20
24	-	-	50.6	61.1	50.6	61.3	48.1	60.2	44.5	58.8	43.6	48.4	24
28	-	-	37.4	50.4	38.3	50.7	37.9	51.6	37.6	50.0	35.3	42.7	28
32	-	-	29.2	41.2	30.1	42.1	30.4	42.1	30.7	41.1	29.9	38.8	32
36	-	-	-	-	25.1	35.1	25.6	35.0	25.5	34.4	25.6	34.1	36
40	-	-	-	-	20.3	29.1	21.1	28.9	21.4	29.6	21.1	29.1	40
48	-	-	-	-	-	-	15.5	22.4	15.9	22.4	15.6	21.8	48
56	-	-	-	-	-	-	11.3	17.0	12.6	17.4	11.9	17.6	56
64	-	-	-	-	-	-	-	-	10.0	14.5	9.5	14.3	64
72	-	-	-	-	-	-	-	-	8.0	10.6	7.5	11.7	72
80	-	-	-	-	-	-	-	-	-	-	6.0	9.9	80
1)	36.8	36.8	22.5	27.3	19.8	25.4	14.1	17.6	9.0	13.7	6.4	10.1	1)

 360° 100.1ft	Max. 100.1ft	360° 113.5ft	Max. 113.5ft	360° 127.3ft	Max. 127.3ft	360° 140.1ft	Max. 140.1ft	360° 148.6ft	Max. 148.6ft	360° 164.0ft	Max. 164.0ft		
ft	1,000 lbs												ft
20	47.9	48.4	38.9	38.9	-	-	-	-	-	-	-	-	20
24	39.9	44.3	37.2	40.2	-	-	-	-	-	-	-	-	24
28	34.1	40.0	31.5	36.8	28.3	30.2	-	-	-	-	-	-	28
32	28.8	36.0	26.9	34.0	24.7	29.2	23.6	25.4	-	-	-	-	32
36	24.6	32.1	23.2	31.0	21.3	27.5	20.5	24.7	19.0	20.3	-	-	36
40	20.7	28.0	19.9	27.9	19.3	25.6	17.5	23.8	16.8	19.7	15.4	15.6	40
48	15.5	22.0	14.8	21.1	14.8	20.8	13.2	20.2	12.6	18.1	12.5	15.0	48
56	12.3	17.2	11.3	17.0	11.5	16.3	10.1	15.9	9.5	15.5	9.4	14.1	56
64	9.7	13.8	8.6	13.4	8.9	13.2	7.5	12.5	7.0	12.5	7.0	12.3	64
72	7.8	11.3	6.7	11.1	6.9	11.3	5.6	10.0	5.3	10.0	5.3	10.2	72
80	6.2	9.5	5.1	9.0	5.3	9.2	4.2	8.1	4.0	8.1	4.0	8.1	80
88	5.1	8.4	4.0	7.5	4.3	7.7	2.9	6.6	2.8	6.4	2.9	6.6	88
96	4.1	7.1	3.1	6.3	3.3	6.5	2.0	5.3	2.0	5.2	2.0	5.4	96
104	-	-	2.3	5.2	2.5	5.4	-	4.1	-	4.1	-	4.3	104
112	-	-	-	-	-	4.6	-	3.3	-	3.3	-	3.3	112
120	-	-	-	-	-	3.8	-	2.5	-	2.5	-	2.7	120
128	-	-	-	-	-	-	-	2.0	-	1.8	-	2.0	128
1)	4.2	7.5	2.0	4.6	-	3.5	-	1.8	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 6,800 lbs		 26.5 ft x 21.3 ft		360° / Max.*								ASME B30.5			
 360° 34.1ft	Max. 34.1ft	360° 45.3ft	Max. 45.3ft	360° 46.6ft	Max. 46.6ft	360° 59.4ft	Max. 59.4ft	360° 74.5ft	Max. 74.5ft	360° 86.3ft	Max. 86.3ft				
ft	1,000 lbs												ft		
10	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	86.4	86.4	-	-	10		
12	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	79.9	79.9	-	-	12		
14	87.1	87.1	87.1	87.1	87.1	87.1	85.2	85.2	78.3	78.3	67.6	67.6	14		
16	86.6	86.6	84.1	84.1	83.4	83.4	79.7	79.7	72.8	75.7	63.3	63.3	16		
18	77.4	80.3	75.4	78.7	74.1	78.1	69.3	74.4	63.2	71.2	56.6	59.2	18		
20	66.0	72.7	65.6	73.2	63.9	72.6	58.8	69.3	53.6	66.6	50.6	55.2	20		
24	-	-	47.4	60.2	47.5	60.4	45.0	59.3	42.5	58.8	40.8	48.4	24		
28	-	-	35.0	50.0	35.9	50.7	35.5	51.3	35.5	50.0	33.1	42.7	28		
32	-	-	27.1	41.2	28.5	42.1	28.9	42.1	28.7	41.1	28.5	38.8	32		
36	-	-	-	-	23.5	35.1	23.9	35.0	23.7	34.4	24.0	34.1	36		
40	-	-	-	-	19.0	29.1	19.6	28.9	19.8	29.6	19.8	29.1	40		
48	-	-	-	-	-	-	14.5	22.4	14.8	22.4	14.5	21.8	48		
56	-	-	-	-	-	-	10.3	17.0	11.6	17.4	11.0	17.6	56		
64	-	-	-	-	-	-	-	-	9.3	14.5	8.6	14.3	64		
72	-	-	-	-	-	-	-	-	7.3	10.6	6.9	11.7	72		
80	-	-	-	-	-	-	-	-	-	-	5.3	9.9	80		
1)	36.8	36.8	20.9	27.3	18.3	25.4	13.0	17.6	8.4	13.7	5.7	10.1	1)		

 360° 100.1ft	Max. 100.1ft	360° 113.5ft	Max. 113.5ft	360° 127.3ft	Max. 127.3ft	360° 140.1ft	Max. 140.1ft	360° 148.6ft	Max. 148.6ft	360° 164.0ft	Max. 164.0ft				
ft	1,000 lbs												ft		
18	47.8	47.8	-	-	-	-	-	-	-	-	-	-	18		
20	45.8	48.4	38.9	38.9	-	-	-	-	-	-	-	-	20		
24	38.5	44.3	36.0	40.2	-	-	-	-	-	-	-	-	24		
28	32.3	40.0	29.9	36.8	26.8	30.2	-	-	-	-	-	-	28		
32	27.0	36.0	25.1	34.0	23.3	29.2	22.0	25.4	-	-	-	-	32		
36	22.9	32.1	21.6	31.0	20.6	27.5	18.8	24.7	18.1	20.3	-	-	36		
40	19.2	28.0	18.4	27.9	17.7	25.6	16.0	23.8	15.3	19.7	15.1	15.6	40		
48	14.5	22.0	13.7	21.1	13.6	20.8	12.0	20.2	11.3	18.1	11.3	15.0	48		
56	11.3	17.2	10.3	17.0	10.5	16.3	9.0	15.9	8.4	15.5	8.3	14.1	56		
64	8.8	13.8	7.8	13.4	8.0	13.2	6.6	12.5	6.2	12.5	6.1	12.3	64		
72	7.1	11.3	6.0	11.1	6.2	11.3	4.9	10.0	4.4	10.0	4.4	10.2	72		
80	5.6	9.5	4.5	9.0	4.7	9.2	3.5	8.1	3.1	8.1	3.2	8.1	80		
88	4.5	8.4	3.4	7.5	3.6	7.7	2.4	6.6	2.2	6.4	2.3	6.6	88		
96	3.6	7.1	2.4	6.3	2.7	6.5	-	5.3	-	5.2	-	5.4	96		
104	-	-	1.8	5.2	2.1	5.4	-	4.1	-	4.1	-	4.3	104		
112	-	-	-	-	-	4.6	-	3.3	-	3.3	-	3.3	112		
120	-	-	-	-	-	3.8	-	2.5	-	2.5	-	2.7	120		
128	-	-	-	-	-	-	-	2.0	-	1.8	-	2.0	128		
1)	3.7	7.5	1.5	4.6	-	3.5	-	1.8	-	-	-	-	1)		

1) Capacities with horizontal boom

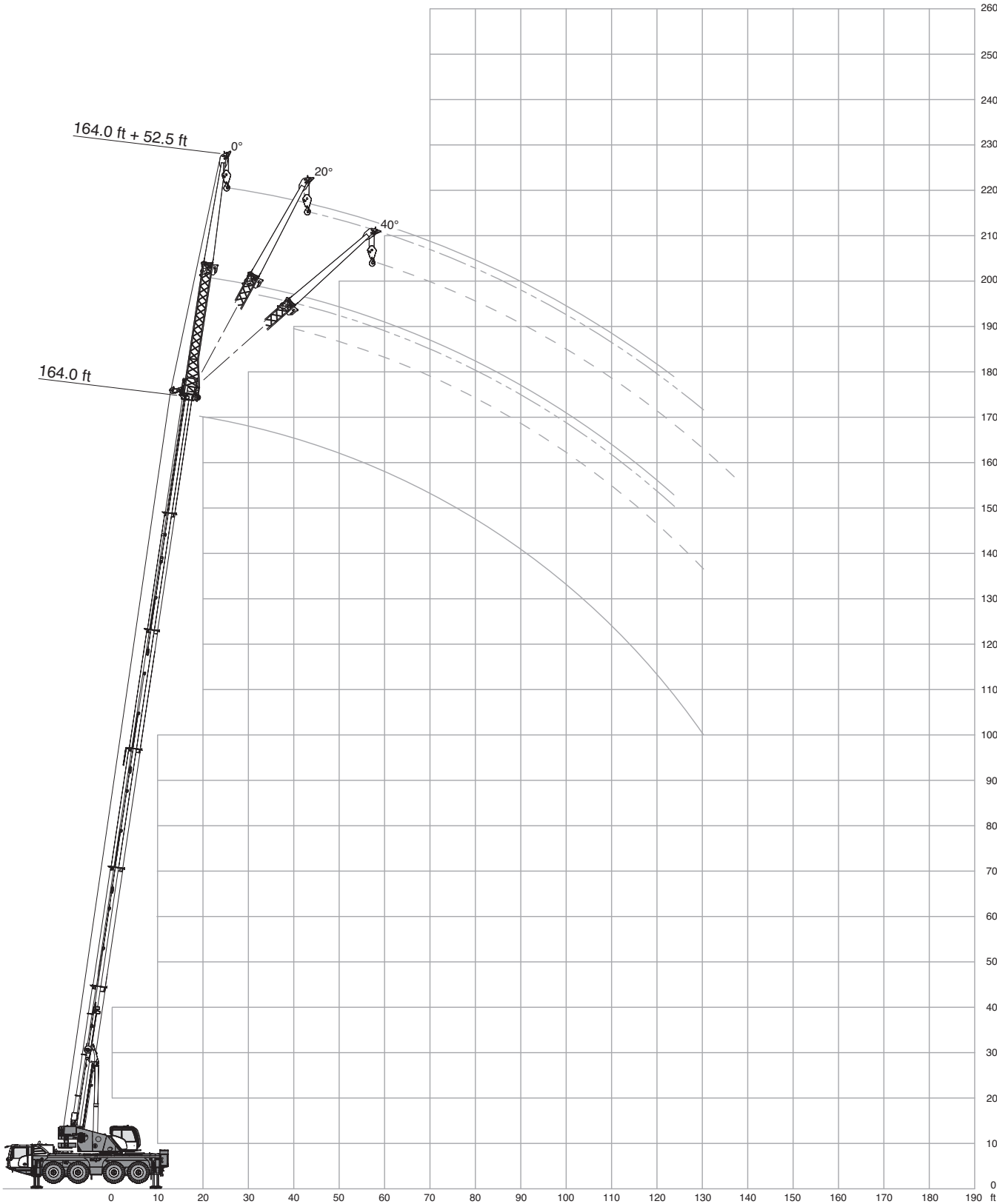
* Max. values are valid only for specific superstructure positions

 2,900 lbs		 26.5 ft x 21.3 ft		360° / Max.*								ASME B30.5	
 360° 34.1ft	Max. 34.1ft	360° 45.3ft	Max. 45.3ft	360° 46.6ft	Max. 46.6ft	360° 59.4ft	Max. 59.4ft	360° 74.5ft	Max. 74.5ft	360° 86.3ft	Max. 86.3ft		
ft	1,000 lbs												ft
10	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	86.4	86.4	-	-	10
12	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	79.9	79.9	-	-	12
14	87.1	87.1	87.1	87.1	87.1	87.1	85.2	85.2	77.3	78.3	67.6	67.6	14
16	86.6	86.6	84.1	84.1	83.3	83.4	75.4	79.7	67.5	75.7	61.1	63.3	16
18	74.1	79.5	72.3	78.3	71.0	77.6	63.5	74.4	57.4	71.2	52.7	59.2	18
20	59.3	71.0	59.3	72.3	57.8	71.6	53.4	69.2	48.7	66.6	47.4	55.2	20
24	-	-	42.7	58.8	43.0	59.0	40.8	58.5	40.0	58.5	36.9	48.4	24
28	-	-	31.4	49.3	32.3	50.3	33.1	50.1	32.1	49.6	31.2	42.7	28
32	-	-	24.3	41.0	25.5	41.9	26.0	41.8	26.1	41.1	25.9	38.8	32
36	-	-	-	-	21.0	35.1	21.4	35.0	21.8	34.4	21.6	34.1	36
40	-	-	-	-	16.8	29.1	17.7	28.9	17.9	29.6	17.7	29.1	40
48	-	-	-	-	-	-	12.8	22.4	13.4	22.4	12.8	21.8	48
56	-	-	-	-	-	-	9.0	17.0	10.3	17.4	9.7	17.6	56
64	-	-	-	-	-	-	-	-	8.1	14.5	7.5	14.3	64
72	-	-	-	-	-	-	-	-	6.2	10.6	5.8	11.7	72
80	-	-	-	-	-	-	-	-	-	-	4.5	9.9	80
1)	33.7	36.8	18.5	27.3	16.1	25.4	11.5	17.6	7.1	13.7	4.6	10.1	1)

 360° 100.1ft	Max. 100.1ft	360° 113.5ft	Max. 113.5ft	360° 127.3ft	Max. 127.3ft	360° 140.1ft	Max. 140.1ft	360° 148.6ft	Max. 148.6ft	360° 164.0ft	Max. 164.0ft		
ft	1,000 lbs												ft
18	47.4	47.8	-	-	-	-	-	-	-	-	-	-	18
20	43.9	48.4	38.6	38.9	-	-	-	-	-	-	-	-	20
24	36.0	44.3	32.9	40.2	-	-	-	-	-	-	-	-	24
28	29.2	40.0	26.9	36.8	24.7	30.2	-	-	-	-	-	-	28
32	24.2	36.0	22.4	34.0	21.7	29.2	19.5	25.4	-	-	-	-	32
36	20.5	32.1	19.1	31.0	18.6	27.5	16.5	24.7	15.7	20.3	-	-	36
40	17.7	28.0	16.2	27.9	15.8	25.6	13.8	23.8	13.2	19.7	13.1	15.6	40
48	13.1	22.0	12.1	21.1	11.9	20.8	10.2	20.2	9.6	18.1	9.4	15.0	48
56	10.0	17.2	9.0	17.0	8.9	16.3	7.3	15.9	6.9	15.5	6.7	14.1	56
64	7.7	13.8	6.6	13.4	6.8	13.2	5.2	12.5	4.8	12.5	4.7	12.3	64
72	6.0	11.3	4.9	11.1	5.1	11.3	3.8	10.0	3.3	10.0	3.3	10.2	72
80	4.7	9.5	3.6	9.0	3.8	9.2	2.5	8.1	2.3	8.1	2.3	8.1	80
88	3.6	8.4	2.6	7.5	2.8	7.7	-	6.6	-	6.4	-	6.6	88
96	2.8	7.1	1.8	6.3	2.0	6.5	-	5.3	-	5.2	-	5.4	96
104	-	-	-	5.2	-	5.4	-	4.1	-	4.1	-	4.3	104
112	-	-	-	-	-	4.6	-	3.3	-	3.3	-	3.3	112
120	-	-	-	-	-	3.8	-	2.5	-	2.5	-	2.7	120
128	-	-	-	-	-	-	-	2.0	-	1.8	-	2.0	128
1)	2.9	7.5	-	4.6	-	3.5	-	1.8	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions



26,200 lbs			26.5 ft x 21.3 ft			27.9 ft			360°			ASME B30.5		
		34.1 ft			86.3 ft			140.1 ft			164.0 ft			
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft		1,000 lbs												ft
10		29.5	-	-	-	-	-	-	-	-	-	-	-	10
12		29.5	-	-	-	-	-	-	-	-	-	-	-	12
14		29.5	-	-	-	-	-	-	-	-	-	-	-	14
16		29.5	22.0	-	-	-	-	-	-	-	-	-	-	16
18		28.1	21.1	-	29.5	-	-	-	-	-	-	-	-	18
20		26.5	20.2	-	29.5	-	-	-	-	-	-	-	-	20
24		23.8	18.8	16.0	29.5	-	-	-	-	-	-	-	-	24
28		21.7	17.6	15.4	29.2	20.6	-	-	-	-	-	-	-	28
32		19.6	16.7	14.9	27.7	19.8	-	-	-	-	-	-	-	32
36		17.9	15.9	14.4	26.1	19.1	15.6	-	-	-	-	-	-	36
40		16.3	15.1	14.1	24.4	18.4	15.2	14.8	-	-	-	-	-	40
48		13.5	-	-	21.0	17.4	14.7	14.8	-	-	9.7	-	-	48
56		-	-	-	16.8	16.2	14.4	14.3	14.5	-	9.6	-	-	56
64		-	-	-	13.8	14.0	14.0	12.2	13.2	12.7	9.1	9.3	-	64
72		-	-	-	11.5	11.7	12.0	9.8	10.6	11.3	8.8	8.8	9.1	72
80		-	-	-	9.8	10.1	10.1	7.9	8.6	9.2	7.2	8.1	8.2	80
88		-	-	-	8.6	8.7	8.5	6.3	7.0	7.4	5.8	6.5	7.0	88
96		-	-	-	7.2	7.5	7.5	5.0	5.5	5.9	4.7	5.2	5.7	96
104		-	-	-	6.1	6.1	-	3.9	4.3	4.8	3.7	4.1	4.5	104
112		-	-	-	-	-	-	3.0	3.5	3.7	2.8	3.3	3.7	112
120		-	-	-	-	-	-	2.2	2.7	2.7	2.1	2.5	2.7	120
128		-	-	-	-	-	-	-	1.9	2.0	-	-	2.0	128

23,400 lbs			26.5 ft x 21.3 ft			27.9 ft			360°			ASME B30.5		
		34.1 ft			86.3 ft			140.1 ft			164.0 ft			
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft		1,000 lbs												ft
10		29.5	-	-	-	-	-	-	-	-	-	-	-	10
12		29.5	-	-	-	-	-	-	-	-	-	-	-	12
14		29.5	-	-	-	-	-	-	-	-	-	-	-	14
16		29.5	22.0	-	-	-	-	-	-	-	-	-	-	16
18		28.1	21.1	-	29.5	-	-	-	-	-	-	-	-	18
20		26.5	20.2	-	29.5	-	-	-	-	-	-	-	-	20
24		23.8	18.8	16.0	29.5	-	-	-	-	-	-	-	-	24
28		21.7	17.6	15.4	29.2	20.6	-	-	-	-	-	-	-	28
32		19.6	16.7	14.9	27.7	19.8	-	-	-	-	-	-	-	32
36		17.9	15.9	14.4	26.1	19.1	15.6	-	-	-	-	-	-	36
40		16.3	15.1	14.1	24.3	18.4	15.2	14.8	-	-	-	-	-	40
48		13.5	-	-	20.4	17.4	14.7	14.8	-	-	9.7	-	-	48
56		-	-	-	16.1	15.8	14.4	13.8	14.4	-	9.6	-	-	56
64		-	-	-	13.2	13.4	13.5	11.3	12.4	12.7	9.1	9.3	-	64
72		-	-	-	10.9	11.3	11.3	9.1	10.0	10.6	8.2	8.8	9.1	72
80		-	-	-	9.4	9.5	9.7	7.2	7.9	8.5	6.6	7.3	8.1	80
88		-	-	-	7.9	8.1	8.3	5.7	6.4	6.8	5.1	5.9	6.4	88
96		-	-	-	6.7	6.9	6.8	4.5	5.0	5.5	4.1	4.7	5.2	96
104		-	-	-	5.6	5.6	-	3.4	3.9	4.3	3.2	3.7	4.1	104
112		-	-	-	-	-	-	2.6	3.0	3.3	2.4	2.8	3.3	112
120		-	-	-	-	-	-	-	2.2	2.5	-	2.1	2.5	120

9,700 lbs			26.5 ft x 21.3 ft			27.9 ft			360°			ASME B30.5		
		34.1 ft			86.3 ft			140.1 ft			164.0 ft			
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft		1,000 lbs												ft
10		29.5	-	-	-	-	-	-	-	-	-	-	-	10
12		29.5	-	-	-	-	-	-	-	-	-	-	-	12
14		29.5	-	-	-	-	-	-	-	-	-	-	-	14
16		29.5	22.0	-	-	-	-	-	-	-	-	-	-	16
18		28.1	21.1	-	29.5	-	-	-	-	-	-	-	-	18
20		26.5	20.2	-	29.5	-	-	-	-	-	-	-	-	20
24		23.8	18.8	16.0	29.5	-	-	-	-	-	-	-	-	24
28		21.7	17.6	15.4	29.1	20.6	-	-	-	-	-	-	-	28
32		19.6	16.7	14.9	26.2	19.8	-	-	-	-	-	-	-	32
36		17.9	15.9	14.4	23.1	19.1	15.6	-	-	-	-	-	-	36
40		16.3	15.1	14.1	20.3	18.3	15.2	14.6	-	-	-	-	-	40
48		13.5	-	-	15.7	16.1	14.6	12.2	-	-	9.6	-	-	48
56		-	-	-	12.4	12.8	13.2	9.2	10.4	-	8.1	-	-	56
64		-	-	-	9.7	10.2	10.6	6.8	7.8	8.7	5.9	6.9	-	64
72		-	-	-	7.8	8.2	8.6	4.9	5.8	6.7	4.2	5.1	6.0	72
80		-	-	-	6.2	6.6	6.8	3.6	4.4	5.1	2.9	3.8	4.4	80
88		-	-	-	4.9	5.4	5.4	2.6	3.2	3.8	-	2.6	3.2	88
96		-	-	-	4.0	4.3	4.3	-	2.2	2.8	-	-	2.2	96
104		-	-	-	3.2	3.2	-	-	-	1.9	-	-	-	104

6,800 lbs			26.5 ft x 21.3 ft			27.9 ft			360°			ASME B30.5		
		34.1 ft			86.3 ft			140.1 ft			164.0 ft			
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft		1,000 lbs												ft
10		29.5	-	-	-	-	-	-	-	-	-	-	-	10
12		29.5	-	-	-	-	-	-	-	-	-	-	-	12
14		29.5	-	-	-	-	-	-	-	-	-	-	-	14
16		29.5	22.0	-	-	-	-	-	-	-	-	-	-	16
18		28.1	21.1	-	29.5	-	-	-	-	-	-	-	-	18
20		26.5	20.2	-	29.5	-	-	-	-	-	-	-	-	20
24		23.8	18.8	16.0	29.5	-	-	-	-	-	-	-	-	24
28		21.7	17.6	15.4	28.2	20.6	-	-	-	-	-	-	-	28
32		19.6	16.7	14.9	25.0	19.8	-	-	-	-	-	-	-	32
36		17.9	15.9	14.4	21.8	19.1	15.6	-	-	-	-	-	-	36
40		16.3	15.1	14.1	19.4	18.2	15.2	14.5	-	-	-	-	-	40
48		13.5	-	-	15.1	15.5	14.5	10.9	-	-	9.2	-	-	48
56		-	-	-	11.5	12.2	12.5	8.1	9.3	-	7.1	-	-	56
64		-	-	-	8.9	9.5	10.0	5.9	6.8	7.8	5.0	5.9	-	64
72		-	-	-	7.1	7.5	7.8	4.2	5.1	5.8	3.3	4.2	5.1	72
80		-	-	-	5.6	6.0	6.2	2.9	3.6	4.2	2.3	2.9	3.8	80
88		-	-	-	4.5	4.7	4.8	-	2.6	3.2	-	-	2.5	88
96		-	-	-	3.6	3.8	3.6	-	-	2.1	-	-	-	96
104		-	-	-	2.7	2.7	-	-	-	-	-	-	-	104

2,900 lbs			26.5 ft x 21.3 ft			27.9 ft			360°			ASME B30.5		
		34.1 ft			86.3 ft			140.1 ft			164.0 ft			
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft		1,000 lbs												ft
10		29.5	-	-	-	-	-	-	-	-	-	-	-	10
12		29.5	-	-	-	-	-	-	-	-	-	-	-	12
14		29.5	-	-	-	-	-	-	-	-	-	-	-	14
16		29.5	22.0	-	-	-	-	-	-	-	-	-	-	16
18		28.1	21.1	-	29.5	-	-	-	-	-	-	-	-	18
20		26.5	20.2	-	29.5	-	-	-	-	-	-	-	-	20
24		23.8	18.8	16.0	29.3	-	-	-	-	-	-	-	-	24
28		21.7	17.6	15.4	26.8	20.6	-	-	-	-	-	-	-	28
32		19.6	16.7	14.9	23.5	19.8	-	-	-	-	-	-	-	32
36		17.9	15.9	14.4	20.4	18.8	15.6	-	-	-	-	-	-	36
40		16.3	15.1	14.1	17.9	17.7	15.2	12.7	-	-	-	-	-	40
48		13.2	-	-	13.4	14.2	14.0	9.2	-	-	8.1	-	-	48
56		-	-	-	10.1	10.8	11.3	6.4	7.8	-	5.5	-	-	56
64		-	-	-	7.7	8.4	8.8	4.5	5.5	6.4	3.6	4.7	-	64
72		-	-	-	6.0	6.4	6.9	2.9	3.8	4.7	2.2	3.1	4.0	72
80		-	-	-	4.7	5.1	5.3	-	2.7	3.3	-	-	2.7	80
88		-	-	-	3.6	3.8	4.0	-	-	2.2	-	-	-	88
96		-	-	-	2.7	2.9	2.9	-	-	-	-	-	-	96
104		-	-	-	2.1	2.1	-	-	-	-	-	-	-	104

0 lbs			26.5 ft x 21.3 ft			27.9 ft			360°			ASME B30.5		
		34.1 ft			86.3 ft			140.1 ft			164.0 ft			
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft		1,000 lbs												ft
10		29.5	-	-	-	-	-	-	-	-	-	-	-	10
12		29.5	-	-	-	-	-	-	-	-	-	-	-	12
14		29.5	-	-	-	-	-	-	-	-	-	-	-	14
16		29.5	22.0	-	-	-	-	-	-	-	-	-	-	16
18		28.1	21.1	-	29.5	-	-	-	-	-	-	-	-	18
20		26.5	20.2	-	29.5	-	-	-	-	-	-	-	-	20
24		23.8	18.8	16.0	28.7	-	-	-	-	-	-	-	-	24
28		21.7	17.6	15.4	25.5	20.6	-	-	-	-	-	-	-	28
32		19.6	16.7	14.9	22.0	19.8	-	-	-	-	-	-	-	32
36		17.9	15.9	14.4	19.2	18.3	15.6	-	-	-	-	-	-	36
40		16.2	15.0	14.1	16.4	17.3	15.1	11.4	-	-	-	-	-	40
48		12.1	-	-	12.1	13.1	13.5	8.1	-	-	6.8	-	-	48
56		-	-	-	9.1	9.8	10.4	5.5	6.7	-	4.5	-	-	56
64		-	-	-	7.0	7.5	7.9	3.6	4.6	5.5	2.8	3.9	-	64
72		-	-	-	5.3	5.8	6.2	2.2	3.1	3.8	-	2.2	3.1	72
80		-	-	-	4.0	4.5	4.6	-	-	2.5	-	-	-	80
88		-	-	-	3.0	3.4	3.4	-	-	-	-	-	-	88
96		-	-	-	2.2	2.4	2.4	-	-	-	-	-	-	96

26,200 lbs			26.5 ft x 21.3 ft			52.5 ft			360°			ASME B30.5		
		34.1 ft			86.3 ft			140.1 ft			164.0 ft			
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft		1,000 lbs												ft
10		18.7	-	-	-	-	-	-	-	-	-	-	-	10
12		18.2	-	-	-	-	-	-	-	-	-	-	-	12
14		18.0	-	-	-	-	-	-	-	-	-	-	-	14
16		17.4	-	-	-	-	-	-	-	-	-	-	-	16
18		16.3	-	-	-	-	-	-	-	-	-	-	-	18
20		15.3	-	-	14.7	-	-	-	-	-	-	-	-	20
24		13.5	-	-	14.5	-	-	-	-	-	-	-	-	24
28		12.2	9.6	-	14.2	-	-	-	-	-	-	-	-	28
32		11.0	8.9	-	13.9	-	-	-	-	-	-	-	-	32
36		10.2	8.4	-	13.5	-	-	-	-	-	-	-	-	36
40		9.4	7.9	6.8	12.9	9.0	-	8.6	-	-	-	-	-	40
48		8.1	7.1	6.3	11.4	8.4	-	8.4	-	-	6.0	-	-	48
56		7.1	6.4	5.8	10.4	7.7	6.3	8.4	-	-	6.0	-	-	56
64		6.5	5.8	5.6	9.5	7.3	6.0	8.2	7.1	-	5.8	-	-	64
72		5.7	5.7	-	8.6	6.8	6.0	8.2	6.8	-	5.7	-	-	72
80		-	-	-	8.1	6.6	5.7	7.7	6.6	5.5	5.5	5.5	-	80
88		-	-	-	7.3	6.3	5.5	6.2	6.3	5.5	5.2	5.3	5.3	88
96		-	-	-	6.8	6.0	5.5	5.0	5.9	5.4	4.3	5.2	5.2	96
104		-	-	-	6.1	5.5	5.5	4.1	5.0	5.3	3.2	4.3	4.9	104
112		-	-	-	5.5	5.5	5.3	3.3	3.9	4.6	2.6	3.5	4.3	112
120		-	-	-	4.7	4.9	-	2.5	3.1	3.7	-	2.7	3.3	120
128		-	-	-	3.7	4.1	-	-	2.4	2.9	-	2.0	2.6	128
136		-	-	-	3.2	-	-	-	1.7	2.2	-	-	2.1	136

23,400 lbs			26.5 ft x 21.3 ft			52.5 ft			360°			ASME B30.5		
		34.1 ft			86.3 ft			140.1 ft			164.0 ft			
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft		1,000 lbs												ft
10		18.7	-	-	-	-	-	-	-	-	-	-	-	10
12		18.2	-	-	-	-	-	-	-	-	-	-	-	12
14		18.0	-	-	-	-	-	-	-	-	-	-	-	14
16		17.4	-	-	-	-	-	-	-	-	-	-	-	16
18		16.3	-	-	-	-	-	-	-	-	-	-	-	18
20		15.3	-	-	14.7	-	-	-	-	-	-	-	-	20
24		13.5	-	-	14.5	-	-	-	-	-	-	-	-	24
28		12.2	9.6	-	14.2	-	-	-	-	-	-	-	-	28
32		11.0	8.9	-	13.9	-	-	-	-	-	-	-	-	32
36		10.2	8.4	-	13.5	-	-	-	-	-	-	-	-	36
40		9.4	7.9	6.8	12.9	9.0	-	8.6	-	-	-	-	-	40
48		8.1	7.1	6.3	11.4	8.4	-	8.4	-	-	6.0	-	-	48
56		7.1	6.4	5.8	10.4	7.7	6.3	8.4	-	-	6.0	-	-	56
64		6.5	5.8	5.6	9.5	7.3	6.0	8.2	7.1	-	5.8	-	-	64
72		5.7	5.7	-	8.6	6.8	6.0	8.2	6.8	-	5.7	-	-	72
80		-	-	-	7.9	6.6	5.7	7.0	6.6	5.5	5.4	5.5	-	80
88		-	-	-	7.3	6.3	5.5	5.6	6.3	5.5	4.7	5.3	5.3	88
96		-	-	-	6.6	5.9	5.5	4.5	5.5	5.4	3.6	4.7	5.2	96
104		-	-	-	5.8	5.5	5.3	3.4	4.5	5.1	2.7	3.8	4.7	104
112		-	-	-	5.0	5.5	5.3	2.8	3.5	4.1	-	3.0	3.7	112
120		-	-	-	4.3	4.7	-	2.0	2.7	3.3	-	2.2	2.9	120
128		-	-	-	3.4	3.6	-	-	2.0	2.5	-	-	2.2	128
136		-	-	-	2.9	-	-	-	-	1.7	-	-	-	136

Operation

FOJ

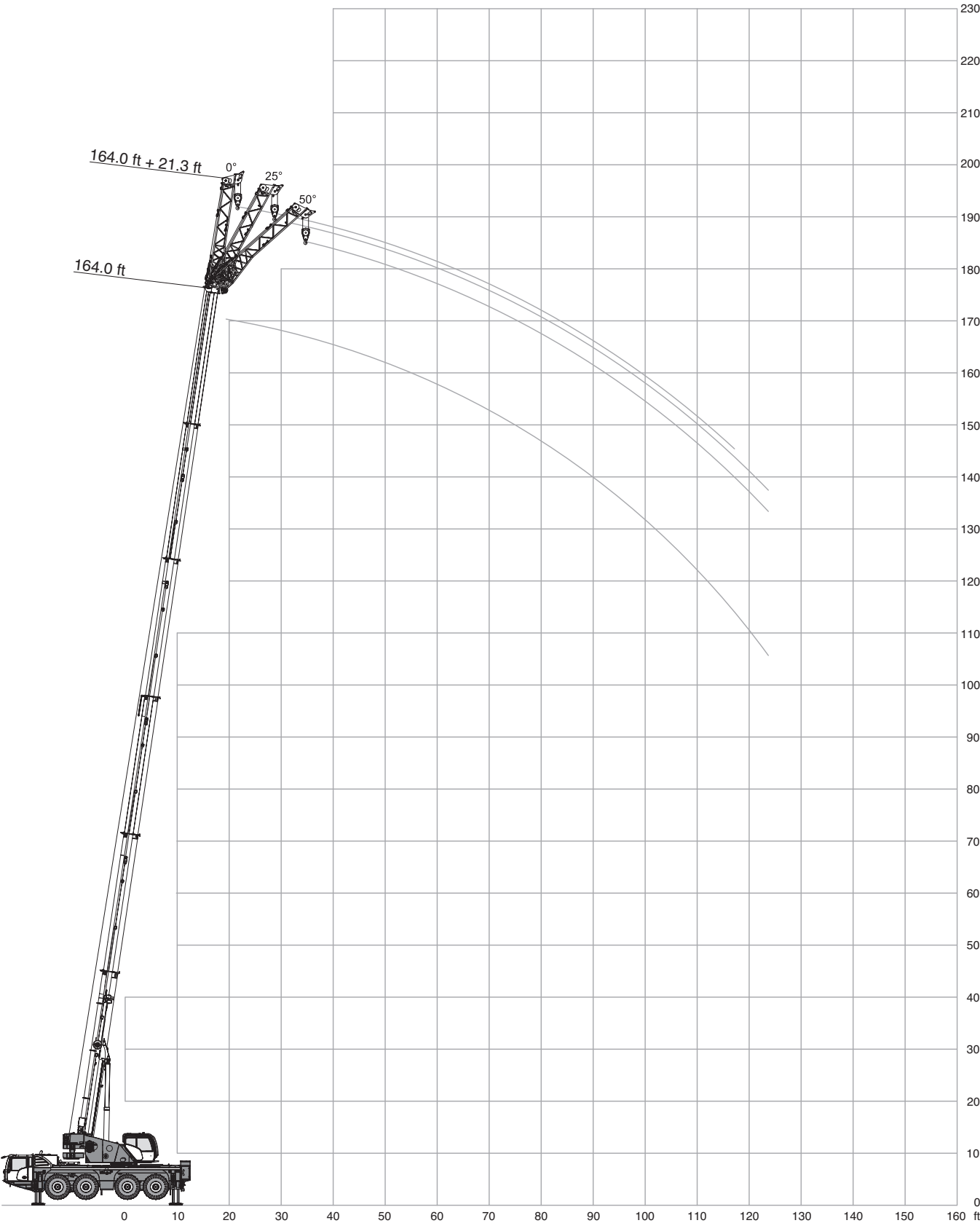
 9,700 lbs		 26.5 ft x 21.3 ft			 52.5 ft			360°			ASME B30.5			
		34.1 ft			86.3 ft			140.1 ft			164.0 ft			
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft		1,000 lbs												ft
10		18.7	-	-	-	-	-	-	-	-	-	-	-	10
12		18.2	-	-	-	-	-	-	-	-	-	-	-	12
14		18.0	-	-	-	-	-	-	-	-	-	-	-	14
16		17.4	-	-	-	-	-	-	-	-	-	-	-	16
18		16.3	-	-	-	-	-	-	-	-	-	-	-	18
20		15.3	-	-	14.7	-	-	-	-	-	-	-	-	20
24		13.5	-	-	14.5	-	-	-	-	-	-	-	-	24
28		12.2	9.6	-	14.2	-	-	-	-	-	-	-	-	28
32		11.0	8.9	-	13.9	-	-	-	-	-	-	-	-	32
36		10.2	8.4	-	13.5	-	-	-	-	-	-	-	-	36
40		9.4	7.9	6.8	12.9	9.0	-	8.6	-	-	-	-	-	40
48		8.1	7.1	6.3	11.4	8.4	-	8.4	-	-	6.0	-	-	48
56		7.1	6.4	5.8	10.2	7.7	6.3	7.9	-	-	6.0	-	-	56
64		6.5	5.8	5.6	9.2	7.3	6.0	6.3	7.1	-	5.1	-	-	64
72		5.7	5.7	-	8.0	6.8	6.0	4.7	6.2	-	3.6	-	-	72
80		-	-	-	6.6	6.4	5.7	3.4	4.7	5.4	2.5	4.0	-	80
88		-	-	-	5.4	5.9	5.5	2.3	3.6	4.7	-	2.7	4.0	88
96		-	-	-	4.3	5.0	5.2	-	2.5	3.6	-	1.8	3.0	96
104		-	-	-	3.4	3.9	4.3	-	1.6	2.6	-	-	2.1	104
112		-	-	-	2.8	3.3	3.3	-	-	-	-	-	-	112
120		-	-	-	2.3	2.5	-	-	-	-	-	-	-	120

 6,800 lbs		 26.5 ft x 21.3 ft			 52.5 ft			360°			ASME B30.5			
		34.1 ft			86.3 ft			140.1 ft			164.0 ft			
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft		1,000 lbs												ft
10		18.7	-	-	-	-	-	-	-	-	-	-	-	10
12		18.2	-	-	-	-	-	-	-	-	-	-	-	12
14		18.0	-	-	-	-	-	-	-	-	-	-	-	14
16		17.4	-	-	-	-	-	-	-	-	-	-	-	16
18		16.3	-	-	-	-	-	-	-	-	-	-	-	18
20		15.3	-	-	14.7	-	-	-	-	-	-	-	-	20
24		13.5	-	-	14.5	-	-	-	-	-	-	-	-	24
28		12.2	9.6	-	14.2	-	-	-	-	-	-	-	-	28
32		11.0	8.9	-	13.9	-	-	-	-	-	-	-	-	32
36		10.2	8.4	-	13.5	-	-	-	-	-	-	-	-	36
40		9.4	7.9	6.8	12.9	9.0	-	8.6	-	-	-	-	-	40
48		8.1	7.1	6.3	11.4	8.4	-	8.4	-	-	6.0	-	-	48
56		7.1	6.4	5.8	10.1	7.7	6.3	7.4	-	-	5.7	-	-	56
64		6.5	5.8	5.6	8.8	7.3	6.0	5.5	6.9	-	4.3	-	-	64
72		5.7	5.7	-	7.3	6.8	6.0	3.8	5.5	-	2.9	-	-	72
80		-	-	-	6.0	6.3	5.7	2.7	4.0	5.3	-	3.1	-	80
88		-	-	-	4.7	5.5	5.5	-	2.9	4.0	-	2.2	3.4	88
96		-	-	-	3.8	4.3	4.8	-	2.0	3.0	-	-	2.3	96
104		-	-	-	3.0	3.4	3.8	-	-	2.1	-	-	-	104
112		-	-	-	2.4	2.8	2.8	-	-	-	-	-	-	112
120		-	-	-	-	2.1	-	-	-	-	-	-	-	120

2,900 lbs			26.5 ft x 21.3 ft			52.5 ft			360°			ASME B30.5		
		34.1 ft			86.3 ft			140.1 ft			164.0 ft			
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft		1,000 lbs												ft
10		18.7	-	-	-	-	-	-	-	-	-	-	-	10
12		18.2	-	-	-	-	-	-	-	-	-	-	-	12
14		18.0	-	-	-	-	-	-	-	-	-	-	-	14
16		17.4	-	-	-	-	-	-	-	-	-	-	-	16
18		16.3	-	-	-	-	-	-	-	-	-	-	-	18
20		15.3	-	-	14.7	-	-	-	-	-	-	-	-	20
24		13.5	-	-	14.5	-	-	-	-	-	-	-	-	24
28		12.2	9.6	-	14.2	-	-	-	-	-	-	-	-	28
32		11.0	8.9	-	13.9	-	-	-	-	-	-	-	-	32
36		10.2	8.4	-	13.5	-	-	-	-	-	-	-	-	36
40		9.4	7.9	6.8	12.9	9.0	-	8.6	-	-	-	-	-	40
48		8.1	7.1	6.3	11.1	8.4	-	8.0	-	-	5.9	-	-	48
56		7.1	6.4	5.8	9.8	7.7	6.3	6.0	-	-	4.8	-	-	56
64		6.5	5.8	5.6	8.2	7.3	6.0	4.1	5.9	-	3.0	-	-	64
72		5.7	5.7	-	6.4	6.8	6.0	2.7	4.2	-	1.6	-	-	72
80		-	-	-	4.9	5.8	5.7	-	2.9	4.4	-	-	-	80
88		-	-	-	3.9	4.7	5.1	-	-	3.2	-	-	-	88
96		-	-	-	3.1	3.6	4.1	-	-	2.1	-	-	-	96
104		-	-	-	2.3	2.7	3.2	-	-	-	-	-	-	104
112		-	-	-	-	2.2	2.2	-	-	-	-	-	-	112

0 lbs			26.5 ft x 21.3 ft			52.5 ft			360°			ASME B30.5		
		34.1 ft			86.3 ft			140.1 ft			164.0 ft			
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft		1,000 lbs												ft
10		18.7	-	-	-	-	-	-	-	-	-	-	-	10
12		18.2	-	-	-	-	-	-	-	-	-	-	-	12
14		18.0	-	-	-	-	-	-	-	-	-	-	-	14
16		17.4	-	-	-	-	-	-	-	-	-	-	-	16
18		16.3	-	-	-	-	-	-	-	-	-	-	-	18
20		15.3	-	-	14.7	-	-	-	-	-	-	-	-	20
24		13.5	-	-	14.5	-	-	-	-	-	-	-	-	24
28		12.2	9.6	-	14.2	-	-	-	-	-	-	-	-	28
32		11.0	8.9	-	13.9	-	-	-	-	-	-	-	-	32
36		10.2	8.4	-	13.5	-	-	-	-	-	-	-	-	36
40		9.4	7.9	6.8	12.8	9.0	-	8.6	-	-	-	-	-	40
48		8.1	7.1	6.3	10.9	8.4	-	7.4	-	-	5.5	-	-	48
56		7.1	6.4	5.8	9.2	7.7	6.3	4.9	-	-	3.6	-	-	56
64		6.5	5.8	5.6	7.2	7.2	6.0	3.2	5.0	-	2.0	-	-	64
72		5.7	5.7	-	5.5	6.6	6.0	1.8	3.6	-	-	-	-	72
80		-	-	-	4.2	5.1	5.6	-	2.3	3.6	-	-	-	80
88		-	-	-	3.3	4.0	4.6	-	-	2.5	-	-	-	88
96		-	-	-	2.4	3.1	3.6	-	-	-	-	-	-	96
104		-	-	-	1.8	2.3	2.7	-	-	-	-	-	-	104

Notes



Operation

FOJ

26,200 lbs			26.5 ft x 21.3 ft			21.3 ft			360°			ASME B30.5		
		34.1 ft			86.3 ft			140.1 ft			164.0 ft			
		0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°	50°	
ft	1,000 lbs													ft
10	51.2	-	-	-	-	-	-	-	-	-	-	-	-	10
12	46.8	-	-	-	-	-	-	-	-	-	-	-	-	12
14	42.8	32.5	-	-	-	-	-	-	-	-	-	-	-	14
16	39.1	31.3	-	-	-	-	-	-	-	-	-	-	-	16
18	35.7	29.9	-	44.9	-	-	-	-	-	-	-	-	-	18
20	32.5	28.5	16.1	43.9	-	-	-	-	-	-	-	-	-	20
24	28.1	26.1	15.4	41.6	-	-	-	-	-	-	-	-	-	24
28	24.4	24.2	14.8	38.6	29.5	-	-	-	-	-	-	-	-	28
32	21.5	22.6	14.4	35.2	28.3	15.8	-	-	-	-	-	-	-	32
36	19.4	21.3	-	31.3	27.1	15.4	16.5	-	-	-	-	-	-	36
40	17.6	-	-	27.4	25.9	15.2	16.5	-	-	-	-	-	-	40
48	-	-	-	20.7	21.4	14.7	16.5	16.5	-	-	10.8	-	-	48
56	-	-	-	16.8	17.1	14.4	15.1	15.7	14.4	10.6	10.7	-	-	56
64	-	-	-	13.7	13.9	13.8	12.1	13.0	13.3	10.2	10.2	10.5	-	64
72	-	-	-	11.5	11.7	11.7	9.5	10.4	10.9	8.9	9.7	9.7	-	72
80	-	-	-	9.9	10.1	-	7.6	8.3	8.7	7.0	7.9	8.3	-	80
88	-	-	-	8.4	8.6	-	5.9	6.6	7.0	5.6	6.3	6.8	-	88
96	-	-	-	7.2	7.0	-	4.7	5.3	5.5	4.5	5.0	5.5	-	96
104	-	-	-	5.8	-	-	3.7	4.1	4.3	3.4	3.9	4.3	-	104
112	-	-	-	-	-	-	2.8	3.0	-	2.6	3.0	3.3	-	112
120	-	-	-	-	-	-	2.0	2.3	-	-	2.2	2.5	-	120

23,400 lbs			26.5 ft x 21.3 ft			21.3 ft			360°			ASME B30.5		
		34.1 ft			86.3 ft			140.1 ft			164.0 ft			
		0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°	50°	
ft	1,000 lbs													ft
10	51.2	-	-	-	-	-	-	-	-	-	-	-	-	10
12	46.8	-	-	-	-	-	-	-	-	-	-	-	-	12
14	42.8	32.5	-	-	-	-	-	-	-	-	-	-	-	14
16	39.1	31.3	-	-	-	-	-	-	-	-	-	-	-	16
18	35.7	29.9	-	44.9	-	-	-	-	-	-	-	-	-	18
20	32.5	28.5	16.1	43.9	-	-	-	-	-	-	-	-	-	20
24	28.1	26.1	15.4	41.6	-	-	-	-	-	-	-	-	-	24
28	24.4	24.2	14.8	38.6	29.5	-	-	-	-	-	-	-	-	28
32	21.5	22.6	14.4	34.8	28.3	15.8	-	-	-	-	-	-	-	32
36	19.4	21.3	-	30.3	27.1	15.4	16.5	-	-	-	-	-	-	36
40	17.6	-	-	25.9	25.8	15.2	16.5	-	-	-	-	-	-	40
48	-	-	-	20.2	20.2	14.7	16.3	16.5	-	-	10.8	-	-	48
56	-	-	-	16.2	16.3	14.4	14.2	15.1	14.4	10.6	10.7	-	-	56
64	-	-	-	13.0	13.2	13.4	11.2	12.2	12.7	9.9	10.2	10.5	-	64
72	-	-	-	11.1	11.1	11.3	8.9	9.8	10.2	8.0	8.9	9.7	-	72
80	-	-	-	9.2	9.4	-	7.0	7.6	8.1	6.4	7.1	7.7	-	80
88	-	-	-	7.7	7.9	-	5.5	5.9	6.3	4.9	5.7	6.2	-	88
96	-	-	-	6.5	6.5	-	4.2	4.7	5.0	3.9	4.5	4.8	-	96
104	-	-	-	5.4	-	-	3.2	3.7	3.9	3.0	3.4	3.7	-	104
112	-	-	-	-	-	-	2.4	2.6	-	2.2	2.6	2.8	-	112
120	-	-	-	-	-	-	-	-	-	-	-	2.0	-	120

9,700 lbs			26.5 ft x 21.3 ft			21.3 ft			360°			ASME B30.5		
		34.1 ft			86.3 ft			140.1 ft			164.0 ft			
		0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°	50°	
ft		1,000 lbs												ft
10		51.2	-	-	-	-	-	-	-	-	-	-	-	10
12		46.8	-	-	-	-	-	-	-	-	-	-	-	12
14		42.8	32.5	-	-	-	-	-	-	-	-	-	-	14
16		39.1	31.3	-	-	-	-	-	-	-	-	-	-	16
18		35.7	29.9	-	44.9	-	-	-	-	-	-	-	-	18
20		32.5	28.5	16.1	43.8	-	-	-	-	-	-	-	-	20
24		28.1	26.1	15.4	38.6	-	-	-	-	-	-	-	-	24
28		24.4	24.2	14.8	32.0	29.5	-	-	-	-	-	-	-	28
32		21.5	22.6	14.4	27.2	27.6	15.8	-	-	-	-	-	-	32
36		19.4	21.3	-	23.6	24.0	15.4	16.4	-	-	-	-	-	36
40		17.6	-	-	20.5	21.3	15.2	16.0	-	-	-	-	-	40
48		-	-	-	15.9	16.3	14.6	12.0	13.2	-	10.2	-	-	48
56		-	-	-	12.2	12.7	12.9	9.0	10.1	11.0	8.0	9.2	-	56
64		-	-	-	9.5	10.0	10.2	6.6	7.5	8.4	5.7	6.7	7.5	64
72		-	-	-	7.5	8.0	8.2	4.9	5.6	6.2	4.0	4.9	5.6	72
80		-	-	-	6.0	6.4	-	3.4	4.2	4.6	2.7	3.5	4.0	80
88		-	-	-	4.9	5.1	-	2.4	2.9	3.4	-	2.4	2.9	88
96		-	-	-	4.0	3.9	-	-	2.0	2.3	-	-	1.9	96
104		-	-	-	2.9	-	-	-	-	-	-	-	-	104

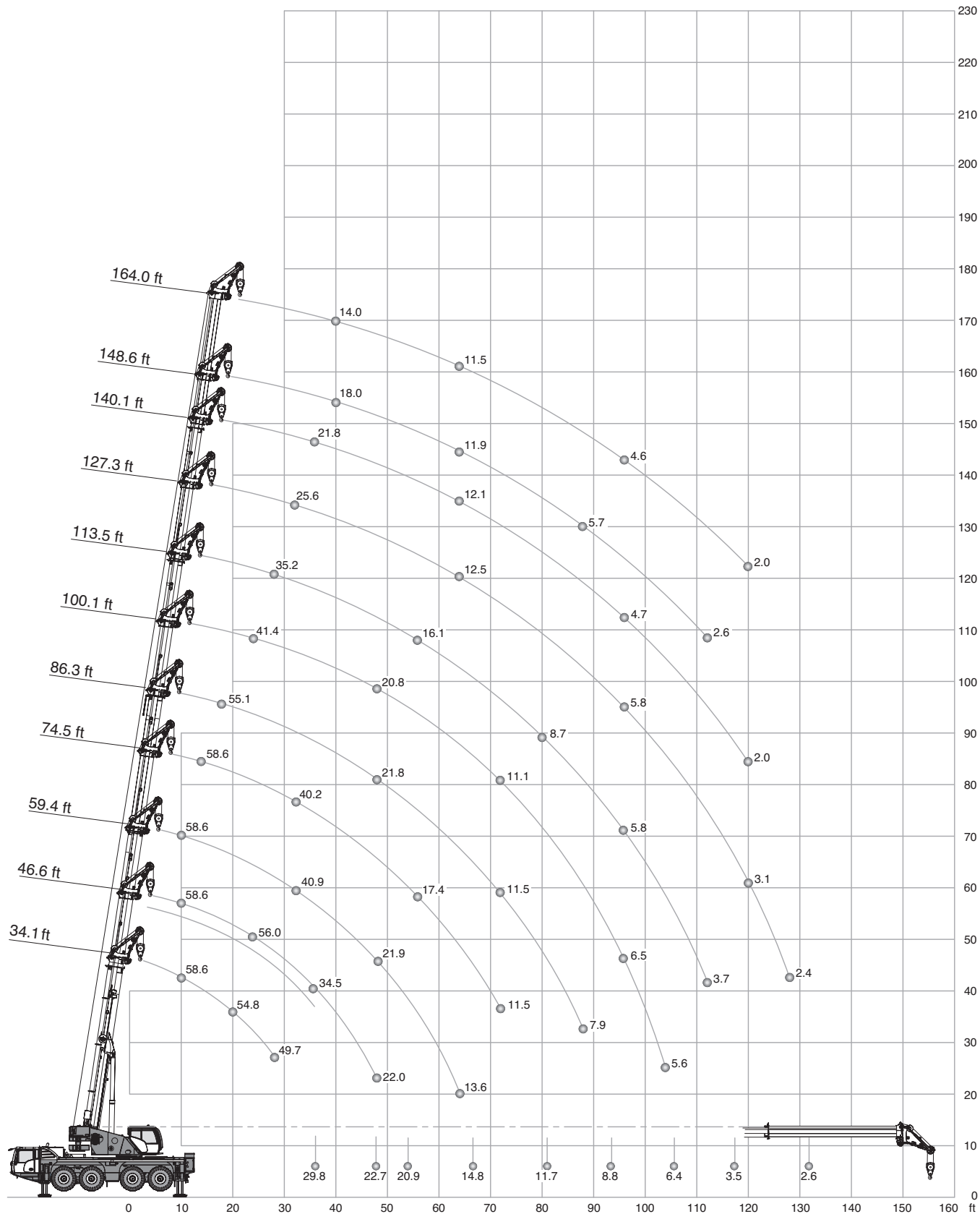
6,800 lbs			26.5 ft x 21.3 ft			21.3 ft			360°			ASME B30.5		
		34.1 ft			86.3 ft			140.1 ft			164.0 ft			
		0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°	50°	
ft		1,000 lbs												ft
10		51.2	-	-	-	-	-	-	-	-	-	-	-	10
12		46.8	-	-	-	-	-	-	-	-	-	-	-	12
14		42.8	32.5	-	-	-	-	-	-	-	-	-	-	14
16		39.1	31.3	-	-	-	-	-	-	-	-	-	-	16
18		35.7	29.9	-	44.9	-	-	-	-	-	-	-	-	18
20		32.5	28.5	16.1	43.5	-	-	-	-	-	-	-	-	20
24		28.1	26.1	15.4	36.1	-	-	-	-	-	-	-	-	24
28		24.4	24.2	14.8	30.3	29.5	-	-	-	-	-	-	-	28
32		21.5	22.6	14.4	25.5	26.3	15.8	-	-	-	-	-	-	32
36		19.4	21.3	-	22.5	22.4	15.4	15.8	-	-	-	-	-	36
40		17.6	-	-	19.6	20.0	15.2	14.7	-	-	-	-	-	40
48		-	-	-	14.6	15.4	14.4	10.7	12.1	-	9.7	-	-	48
56		-	-	-	11.2	11.8	12.3	7.9	9.0	9.9	6.9	8.1	-	56
64		-	-	-	8.6	9.3	9.5	5.7	6.6	7.5	4.8	5.7	6.7	64
72		-	-	-	6.9	7.3	7.5	4.0	4.9	5.6	3.1	4.0	4.7	72
80		-	-	-	5.3	5.7	-	2.7	3.4	4.0	-	2.7	3.4	80
88		-	-	-	4.3	4.5	-	-	2.4	2.7	-	-	2.3	88
96		-	-	-	3.3	3.3	-	-	-	-	-	-	-	96
104		-	-	-	2.5	-	-	-	-	-	-	-	-	104

Operation

FOJ

2,900 lbs			26.5 ft x 21.3 ft			21.3 ft			360°			ASME B30.5		
		34.1 ft			86.3 ft			140.1 ft			164.0 ft			
		0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°	50°	
ft		1,000 lbs												ft
10		51.2	-	-	-	-	-	-	-	-	-	-	-	10
12		46.8	-	-	-	-	-	-	-	-	-	-	-	12
14		42.8	32.5	-	-	-	-	-	-	-	-	-	-	14
16		39.1	31.3	-	-	-	-	-	-	-	-	-	-	16
18		35.7	29.9	-	44.0	-	-	-	-	-	-	-	-	18
20		32.5	28.5	16.1	41.5	-	-	-	-	-	-	-	-	20
24		28.1	26.1	15.4	33.5	-	-	-	-	-	-	-	-	24
28		24.4	24.2	14.8	27.6	28.1	-	-	-	-	-	-	-	28
32		21.5	22.6	14.4	23.9	24.0	15.8	-	-	-	-	-	-	32
36		19.4	20.4	-	20.6	21.1	15.4	14.7	-	-	-	-	-	36
40		17.5	-	-	17.9	18.7	15.2	12.5	-	-	-	-	-	40
48		-	-	-	13.0	13.8	13.9	8.9	10.4	-	8.1	-	-	48
56		-	-	-	9.8	10.5	10.8	6.3	7.5	8.4	5.3	6.7	-	56
64		-	-	-	7.5	8.2	8.4	4.3	5.3	6.2	3.4	4.6	5.3	64
72		-	-	-	5.8	6.2	6.4	2.9	3.6	4.2	2.0	2.9	3.6	72
80		-	-	-	4.5	4.7	-	-	2.5	2.9	-	-	2.3	80
88		-	-	-	3.5	3.6	-	-	-	-	-	-	-	88
96		-	-	-	2.7	2.5	-	-	-	-	-	-	-	96
104		-	-	-	1.6	-	-	-	-	-	-	-	-	104

0 lbs			26.5 ft x 21.3 ft			21.3 ft			360°			ASME B30.5		
		34.1 ft			86.3 ft			140.1 ft			164.0 ft			
		0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°	50°	
ft		1,000 lbs												ft
10		51.2	-	-	-	-	-	-	-	-	-	-	-	10
12		46.8	-	-	-	-	-	-	-	-	-	-	-	12
14		42.8	32.5	-	-	-	-	-	-	-	-	-	-	14
16		39.1	31.3	-	-	-	-	-	-	-	-	-	-	16
18		35.7	29.9	-	42.4	-	-	-	-	-	-	-	-	18
20		32.5	28.5	16.1	38.3	-	-	-	-	-	-	-	-	20
24		28.1	26.1	15.4	31.3	-	-	-	-	-	-	-	-	24
28		24.4	24.2	14.8	26.4	26.5	-	-	-	-	-	-	-	28
32		21.5	22.6	14.4	22.3	22.7	15.8	-	-	-	-	-	-	32
36		18.7	19.8	-	19.4	19.9	15.4	13.5	-	-	-	-	-	36
40		15.9	-	-	16.4	17.3	15.0	11.2	-	-	-	-	-	40
48		-	-	-	11.9	12.8	13.4	7.8	9.2	-	6.7	-	-	48
56		-	-	-	8.9	9.6	9.9	5.2	6.4	7.4	4.2	5.5	-	56
64		-	-	-	6.6	7.3	7.5	3.4	4.3	5.2	2.5	3.6	4.3	64
72		-	-	-	5.1	5.5	5.8	2.0	2.9	3.6	-	2.0	2.9	72
80		-	-	-	3.8	4.0	-	-	-	-	-	-	-	80
88		-	-	-	2.8	3.0	-	-	-	-	-	-	-	88
96		-	-	-	2.1	2.0	-	-	-	-	-	-	-	96



Operation

R

 26,200 lbs		 26.5 ft x 21.3 ft					 20°		360°				ASME B30.5		
	 34.1	45.3	46.6	59.4	74.5	(ft)		86.3	100.1	113.5	127.3	140.1	148.6	164.0	
ft	1,000 lbs														ft
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	10
12	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	12
14	58.3	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	14
16	57.0	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	16
18	55.8	58.2	58.6	58.6	56.8	55.1	-	-	-	-	-	-	-	-	18
20	54.8	57.6	58.4	58.6	54.3	51.8	-	-	-	-	-	-	-	-	20
24	53.9	56.0	56.0	58.0	47.6	45.8	41.4	-	-	-	-	-	-	-	24
28	49.7	50.9	50.5	51.0	43.0	40.7	37.6	35.2	-	-	-	-	-	-	28
32	-	41.4	41.6	40.9	40.2	36.3	34.0	32.3	25.6	-	-	-	-	-	32
36	-	34.4	34.5	34.0	34.6	31.6	30.5	29.3	24.8	21.8	-	-	-	-	36
40	-	-	29.5	29.3	28.7	27.6	27.8	26.4	23.7	21.7	18.0	14.0	-	-	40
48	-	-	22.0	21.9	21.4	21.8	20.8	20.9	19.7	19.3	16.6	13.3	-	-	48
56	-	-	-	17.0	17.4	16.9	17.0	16.1	15.9	15.5	14.8	12.7	-	-	56
64	-	-	-	13.6	14.0	14.0	13.6	13.2	12.5	12.1	11.9	11.5	-	-	64
72	-	-	-	-	11.5	11.5	11.1	10.6	10.6	9.5	9.3	9.3	-	-	72
80	-	-	-	-	-	9.4	9.2	8.7	8.8	7.5	7.4	7.5	-	-	80
88	-	-	-	-	-	7.9	7.7	7.0	7.2	5.9	5.7	5.9	-	-	88
96	-	-	-	-	-	-	6.5	5.8	5.8	4.7	4.5	4.6	-	-	96
104	-	-	-	-	-	-	5.6	4.8	4.8	3.7	3.4	3.6	-	-	104
112	-	-	-	-	-	-	-	3.7	3.9	2.8	2.6	2.6	-	-	112
120	-	-	-	-	-	-	-	-	3.1	2.0	-	2.0	-	-	120
128	-	-	-	-	-	-	-	-	2.4	-	-	-	-	-	128
1)	29.8	22.7	20.9	14.8	11.7	8.8	6.4	3.5	2.6	-	-	-	-	-	1)

1) Capacities with horizontal boom

 26,200 lbs		 26.5 ft x 21.3 ft		 0°		360°		ASME B30.5								
		34.1	45.3	46.6	59.4	74.5	(ft)		86.3	100.1	113.5	127.3	140.1	148.6	164.0	
ft		1,000 lbs														ft
14	58.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
16	58.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
18	58.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
20	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	20
24	58.2	58.6	58.3	-	-	-	-	-	-	-	-	-	-	-	-	24
28	51.2	52.4	51.5	50.5	-	-	-	-	-	-	-	-	-	-	-	28
32	-	41.2	41.2	40.8	-	-	-	-	-	-	-	-	-	-	-	32
36	-	34.2	34.2	35.1	31.7	-	-	-	-	-	-	-	-	-	-	36
40	-	-	29.3	29.1	28.5	27.5	-	-	-	-	-	-	-	-	-	40
48	-	-	22.0	21.8	21.6	21.5	20.7	-	-	-	-	-	-	-	-	48
56	-	-	-	17.0	17.4	16.8	17.0	16.2	-	-	-	-	-	-	-	56
64	-	-	-	13.6	13.9	14.0	13.4	13.2	12.5	-	-	-	-	-	-	64
72	-	-	-	-	11.7	11.5	10.9	10.6	10.4	9.3	9.1	-	-	-	-	72
80	-	-	-	-	-	9.4	9.0	8.6	8.6	7.5	7.2	7.5	-	-	-	80
88	-	-	-	-	-	7.9	7.8	7.0	7.0	5.9	5.7	5.8	-	-	-	88
96	-	-	-	-	-	-	6.5	5.7	5.7	4.6	4.4	4.5	-	-	-	96
104	-	-	-	-	-	-	5.6	4.7	4.7	3.4	3.4	3.4	-	-	-	104
112	-	-	-	-	-	-	-	3.7	3.7	2.6	2.4	2.6	-	-	-	112
120	-	-	-	-	-	-	-	-	3.1	2.0	-	-	-	-	-	120
128	-	-	-	-	-	-	-	-	2.4	-	-	-	-	-	-	128
1)	29.8	22.7	20.9	14.8	11.7	8.8	6.2	3.5	2.6	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

Operation

R

 26,200 lbs		 26.5 ft x 21.3 ft		 -20°		360°		ASME B30.5						
		(ft)												
ft		34.1	45.3	46.6	59.4	74.5	86.3	100.1	113.5	127.3	140.1	148.6	164.0	ft
1,000 lbs														
24	58.1	-	-	-	-	-	-	-	-	-	-	-	-	24
28	51.0	-	-	-	-	-	-	-	-	-	-	-	-	28
36	-	34.1	33.2	-	-	-	-	-	-	-	-	-	-	36
40	-	-	29.1	-	-	-	-	-	-	-	-	-	-	40
48	-	-	21.8	19.8	-	-	-	-	-	-	-	-	-	48
56	-	-	-	17.0	14.9	-	-	-	-	-	-	-	-	56
64	-	-	-	13.6	13.8	-	-	-	-	-	-	-	-	64
72	-	-	-	-	11.3	11.3	11.3	-	-	-	-	-	-	72
80	-	-	-	-	-	9.4	9.0	-	-	-	-	-	-	80
88	-	-	-	-	-	7.9	7.7	7.0	-	-	-	-	-	88
96	-	-	-	-	-	-	6.5	5.6	5.5	-	-	-	-	96
104	-	-	-	-	-	-	5.6	4.7	4.5	-	-	-	-	104
112	-	-	-	-	-	-	-	3.7	3.7	2.6	-	-	-	112
120	-	-	-	-	-	-	-	-	3.0	-	-	-	-	120
128	-	-	-	-	-	-	-	-	2.4	-	-	-	-	128
1)	29.8	22.7	20.9	14.8	11.7	8.8	6.4	3.5	2.6	-	-	-	-	1)

1) Capacities with horizontal boom

Operation

R

 23,400 lbs		 26.5 ft x 21.3 ft		 20°		360°		ASME B30.5					
	 34.1	45.3	46.6	59.4	74.5	(ft)		113.5	127.3	140.1	148.6	164.0	
ft	1,000 lbs												ft
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	10
12	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	12
14	58.3	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	14
16	57.0	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	16
18	55.8	58.2	58.6	58.6	56.8	55.1	-	-	-	-	-	-	18
20	54.8	57.6	58.4	58.6	54.3	51.8	-	-	-	-	-	-	20
24	53.9	56.0	56.0	57.2	47.6	45.8	41.4	-	-	-	-	-	24
28	48.5	49.7	49.4	48.6	43.0	40.7	37.6	35.2	-	-	-	-	28
32	-	39.5	39.6	38.8	38.7	36.0	34.0	32.3	25.6	-	-	-	32
36	-	32.8	32.8	33.1	32.9	30.8	29.9	28.5	24.8	21.8	-	-	36
40	-	-	28.0	27.8	27.2	26.8	26.3	25.1	23.6	21.6	18.0	14.0	40
48	-	-	20.9	20.7	21.2	20.7	20.0	19.8	19.3	18.7	16.6	13.3	48
56	-	-	-	16.4	16.5	16.1	16.1	15.8	14.9	14.6	14.1	12.7	56
64	-	-	-	12.7	13.2	13.4	12.7	12.5	12.2	11.4	11.1	10.9	64
72	-	-	-	-	10.9	10.9	10.4	10.0	10.0	8.9	8.7	8.6	72
80	-	-	-	-	-	8.8	8.6	8.1	8.1	6.8	6.8	6.8	80
88	-	-	-	-	-	7.5	7.3	6.6	6.6	5.5	5.3	5.3	88
96	-	-	-	-	-	-	6.3	5.3	5.3	4.2	4.1	4.1	96
104	-	-	-	-	-	-	5.2	4.3	4.3	3.2	3.0	3.2	104
112	-	-	-	-	-	-	-	3.3	3.5	2.4	2.2	2.2	112
120	-	-	-	-	-	-	-	-	2.7	-	-	-	120
128	-	-	-	-	-	-	-	-	2.2	-	-	-	128
1)	29.8	22.7	20.9	13.9	11.0	8.2	5.7	3.3	2.2	-	-	-	1)

 9,700 lbs		 26.5 ft x 21.3 ft				 20°		360°			ASME B30.5				
	 34.1	45.3	46.6	59.4	74.5	(ft)		86.3	100.1	113.5	127.3	140.1	148.6	164.0	
ft		(ft)												ft	
		1,000 lbs													
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	10
12	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	12
14	58.3	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	14
16	57.0	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	16
18	55.8	58.2	58.6	58.6	56.8	55.1	-	-	-	-	-	-	-	-	18
20	54.8	57.5	58.0	57.8	53.9	51.4	40.9	-	-	-	-	-	-	-	20
24	49.8	51.2	50.1	46.8	43.9	40.6	38.0	-	-	-	-	-	-	-	24
28	36.5	37.9	37.9	38.0	35.4	33.9	32.3	30.0	-	-	-	-	-	-	28
32	-	29.6	30.6	30.4	29.3	29.0	27.5	26.1	23.7	-	-	-	-	-	32
36	-	24.8	25.2	25.0	25.1	24.6	23.9	22.8	20.7	19.6	-	-	-	-	36
40	-	-	20.7	21.3	21.1	21.1	20.7	19.4	18.4	16.8	16.0	14.0	-	-	40
48	-	-	15.1	15.6	15.9	15.6	15.0	14.6	14.2	12.5	11.9	11.7	-	-	48
56	-	-	-	11.9	12.2	11.9	11.7	10.9	10.8	9.4	8.7	8.6	-	-	56
64	-	-	-	8.6	9.7	9.3	9.3	8.2	8.4	7.0	6.4	6.2	-	-	64
72	-	-	-	-	7.8	7.3	7.3	6.2	6.2	5.1	4.7	4.4	-	-	72
80	-	-	-	-	-	5.6	5.7	4.7	4.9	3.6	3.3	3.1	-	-	80
88	-	-	-	-	-	4.5	4.5	3.6	3.6	2.5	2.2	2.2	-	-	88
96	-	-	-	-	-	-	3.6	2.7	2.7	-	-	-	-	-	96
104	-	-	-	-	-	-	2.7	1.9	1.9	-	-	-	-	-	104
1)	28.7	17.9	15.9	11.7	7.5	5.1	3.1	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

Operation

R

 6,800 lbs		 26.5 ft x 21.3 ft					 20°		360°			ASME B30.5	
	 34.1	45.3	46.6	59.4	74.5	(ft)		113.5	127.3	140.1	148.6	164.0	
ft	1,000 lbs												ft
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	10
12	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	12
14	58.3	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	14
16	57.0	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	16
18	55.8	58.2	58.6	58.6	55.5	54.0	-	-	-	-	-	-	18
20	54.5	57.2	57.7	57.5	51.2	49.1	40.9	-	-	-	-	-	20
24	46.7	48.0	47.0	43.7	41.1	38.5	36.3	-	-	-	-	-	24
28	34.1	35.4	35.5	35.6	33.0	32.1	30.6	28.8	-	-	-	-	28
32	-	28.1	28.5	28.5	28.2	27.0	26.2	24.7	22.4	-	-	-	32
36	-	23.0	23.5	23.5	23.9	22.8	22.7	21.1	19.3	18.3	-	-	36
40	-	-	19.6	19.8	19.6	19.8	19.2	17.9	17.3	15.3	14.7	13.8	40
48	-	-	13.9	14.5	14.6	14.4	14.2	13.4	13.0	11.3	10.7	10.4	48
56	-	-	-	11.0	11.4	10.9	10.9	9.9	9.7	8.3	7.9	7.5	56
64	-	-	-	7.9	8.9	8.4	8.4	7.5	7.3	5.9	5.5	5.3	64
72	-	-	-	-	7.1	6.4	6.4	5.6	5.5	4.2	3.8	3.8	72
80	-	-	-	-	-	4.9	5.1	4.0	4.2	2.9	2.5	2.5	80
88	-	-	-	-	-	3.8	3.9	2.9	2.9	-	-	-	88
96	-	-	-	-	-	-	3.1	2.0	2.0	-	-	-	96
104	-	-	-	-	-	-	2.3	-	-	-	-	-	104
1)	26.7	16.5	14.6	10.8	6.8	4.4	2.6	-	-	-	-	-	1)

 2,900 lbs		 26.5 ft x 21.3 ft					 20°		360°			ASME B30.5		
	 34.1	45.3	46.6	59.4	74.5	(ft)								
ft		1,000 lbs											ft	
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	10
12	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	12
14	58.3	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	14
16	57.0	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	16
18	55.8	58.2	58.3	56.2	53.1	51.7	-	-	-	-	-	-	-	18
20	54.0	56.7	56.8	52.5	48.0	44.3	40.7	-	-	-	-	-	-	20
24	41.9	43.4	42.4	40.3	37.1	35.7	34.0	-	-	-	-	-	-	24
28	30.5	31.8	33.2	32.1	30.8	29.4	28.2	26.4	-	-	-	-	-	28
32	-	25.1	25.8	25.8	26.0	25.0	23.8	22.0	20.7	-	-	-	-	32
36	-	20.5	21.1	21.7	21.5	21.4	20.2	18.7	17.9	15.8	-	-	-	36
40	-	-	17.4	17.7	17.9	17.7	17.2	15.8	15.1	13.2	12.5	12.3	-	40
48	-	-	12.3	12.9	13.2	12.8	12.8	11.7	11.1	9.6	8.9	8.7	-	48
56	-	-	-	9.6	10.1	9.6	9.6	8.5	8.3	6.9	6.2	6.0	-	56
64	-	-	-	6.6	7.7	7.3	7.3	6.2	6.1	4.8	4.1	3.9	-	64
72	-	-	-	-	6.0	5.5	5.3	4.4	4.4	3.1	2.7	2.5	-	72
80	-	-	-	-	-	4.0	4.0	3.1	3.1	-	-	-	-	80
88	-	-	-	-	-	3.0	3.0	2.2	2.2	-	-	-	-	88
96	-	-	-	-	-	-	2.2	-	-	-	-	-	-	96
1)	23.6	14.8	12.8	9.5	5.7	3.5	2.0	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

Notes to Lifting Capacity

Ratings are in compliance with ASME B30.5.

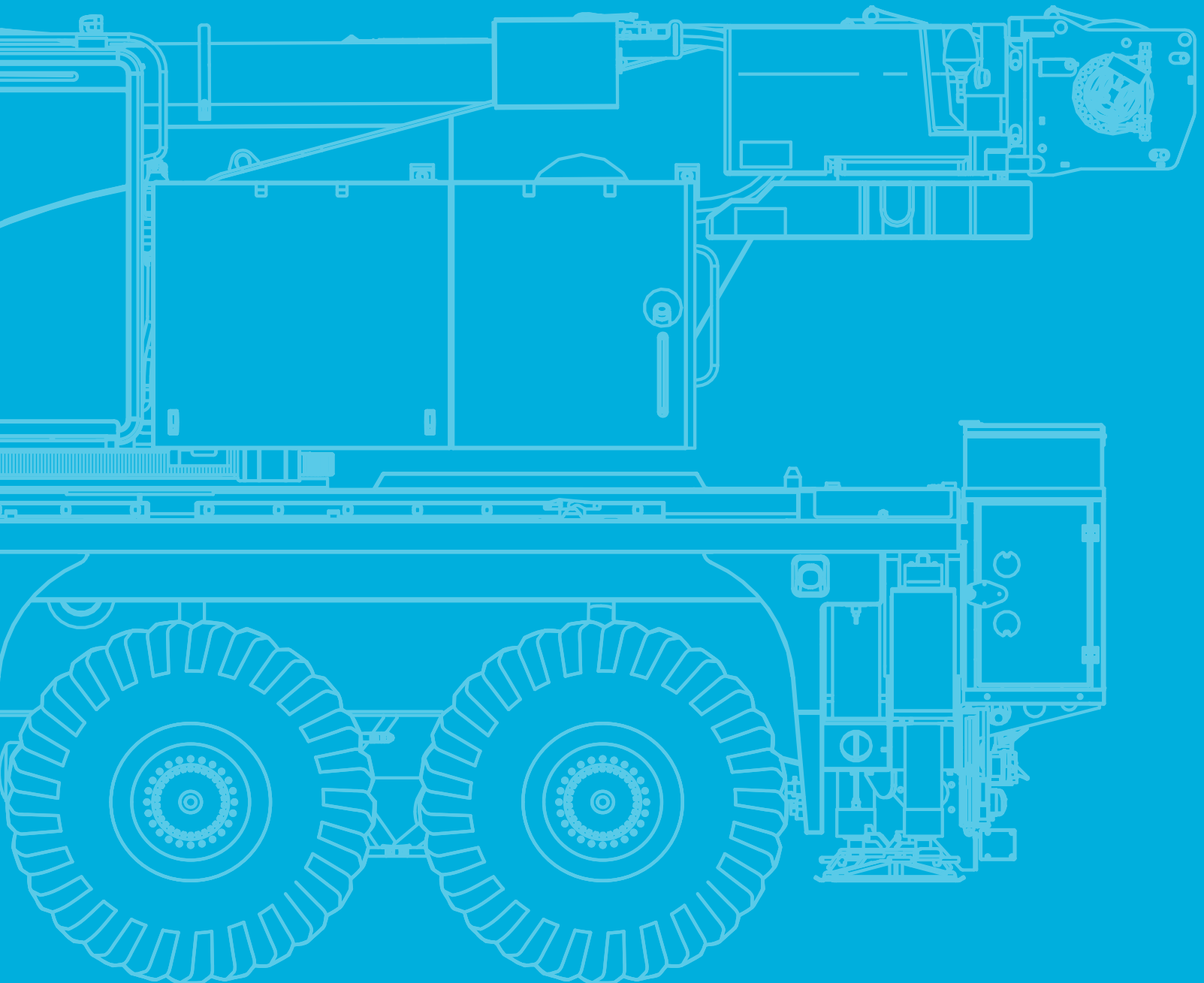
Lifting capacities do not exceed 85 % of tipping load.

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

Engine 340-5	Mercedes-Benz OM471; Diesel engine; 340 kW / 1600 ¹ /min (462 HP), torque 2300 Nm / 1300 ¹ /min; The engine complies with EU Stage V/Tier 4F; Exhaust system complete stainless steel with SCR catalyzer.
Fuel tank	92.5 gallons Diesel (no RME / biodiesel); 11 gallons Ad-Blue tank.
Transmission G230	Mercedes-Benz G230-12; Automated manual transmission with 12 forward speeds and 2 reverse; 2-stage transfer case with switchable longitudinal lock.
Axles 8 x 4 x 8	All 4 axles steered, axles 1 and 4 driven and equipped with selectable transverse lock.
Suspension	Hydropneumatic suspension with axle load compensation; Hydraulically lockable; Manual or automatic levelling alternatively.
Steering	Dual circuit hydro servocom steering with emergency steering pump; Active rear axle steering.
Brakes	Pneumatic dual circuit service brake with antilock system, acting on all wheels; Disc brakes; Additional, double-speed decompression brake; Spring-loaded parking brake.
Tires	Tires size 385/95 R25 (14.00R25); Steel rim 9,5-25/1,7"
Cab 2550	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; Radio; Seat heating; Heating engine-dependent; Aircondition.
Rear view camera	Display in carrier cab; Cameras installed on rear of vehicle.
Drive lights	Including low beam, upper beam, daytime running lights, fog lights and cornering lights.
Central lubrication	Automatic central lubrication system for the lubricating points at the carrier.
Outriggers	H-4-Point design; Vertical and horizontal movement fully hydraulic; Manual or automatic levelling alternatively; 4 outrigger bases: 7.7 ft, 10.4 ft, 14.7 ft and 21.3 ft. 4 square outrigger pads A = 0.85 ft ² with transport position at vertical cylinder.
Outrigger basis monitoring	Individual monitoring of horizontal stroke; Deviation warning in crane cab.
Outrigger load indicator	The outrigger load is indicated in the operator cab and the outrigger control box.
Electronic immobiliser system	Prevents uncontrolled carrier mobilisation; Incl. 5 ignition keys.
Pneumatic tire filling plug	For self-filling of the wheels.

Equipment superstructure

Telescopic boom	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 lbs.
Boom luffing	1 luffing cylinder with automatic lowering brake valve.
Rotary drive	Single slewing gear unit with spring-loaded multi-disc brake.
H1	Hoist with spring-loaded multi-disc brake; Resolver (hoist rotation indicator).
Counterweight 26,200 lbs	5 pieces; Automatic rigging system.
Control system	Enabling 4 simultaneous working movements; Electric pilot controls via 2 two-axis joysticks; Different control modes selectable for hydraulic circuits.
Operator aids	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.
IC-1 Plus incl. Flex Base	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. Flexible and independent outrigger positioning possible. Capacity precalculation for +/- 30° slewing angle and radius area. In-cab lift simulation.
Working range limiter	Displaying and programmability of the work range limits by IC-1.
Cab 875	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.
Central lubrication	Automatic central lubrication system for the lubricating points at the superstructure.

Technical Description

Additional equipment

Carrier

Engine 340-3	Mercedes-Benz OM471; Diesel engine; 340 kW / 1600 ¹ /min (462 HP), torque 2300 Nm /1300 ¹ /min; The engine complies with ECE R96 (equivalent to former regulation EU Stage III A / Tier 3); Exhaust system complete stainless steel incl. spark arrester certificate.
Axles 8 x 6 x 8	All 4 axles steered, axles 1 and 4 permanently driven, axle 3 shiftable, all axles equipped with selectable transverse lock.
Wear-free auxiliary brake	Wear-free auxiliary eddy-current brake at 4th axle.
Tires	8 tires; Tire size 445/95R25 (16.00R25) or 525/80 (20.5R25).
Tadano Surround View	360° view during road travelling; Indication in display of carrier cabin. Usable as assistance system when entering jobsite with indication of outrigger positions and tailswing of counterweight.

Superstructure

2. hoist (H2)	Spring-loaded multi-disc brake; Integrated resolver (hoist rotation indicator); Quick couplings; Incl. hoist monitoring.
Load supervision camera	Camera mounted on main boom head to supervise the hook block and load from above; Incl. boom head light on boom head.

Handling

Remote control	Control of rigging and superstructure movements via wireless remote control.
Moving out of crane cab	Control of carrier out of crane cab, enables machine moving when rigged, possible even under load.
E-Pack	Electro-hydraulic pump aggregate for emission free crane operation.

Extensions

FOJ 21.3 ft	Lattice swing-away jib, manual offset 25°/50°; 2-sheave head; Incl. transport storage.
FOJ 52.5 ft	Double folding swing-away jib, manual offset 20°/40°; 1-sheave head; Incl. transport storage; Includes FOJ 27.9 ft.
R (runner)	5.9 ft; Variable assembly jib with manual offset; 2-sheaves, for max. 58,600 lbs lifting capacity.

Hook Blocks

Vario hook block 110,200 lbs, 3-sheaves	Max. capacity 87,100 lbs; 660-1,320 lbs; Adjustable ballast and double hook, variable usage as 1- and 3-sheaves hook block, red with white signal stripes.
Vario hook block 110,200 lbs, 3-sheaves	Max. capacity 87,100 lbs; 660-1,320 lbs; Adjustable ballast and single hook, variable usage as 1- and 3-sheaves hook block, red with white signal stripes.
Hook block 110,200 lbs, 3-sheaves	Max. capacity 87,100 lbs; 1,320 lbs; Double hook, red with white signal stripes.
Hook block 44,100 lbs, 1-sheave	Max. capacity 44,200 lbs; 660 lbs; Single hook, red with white signal stripes.
Hook 17,600 lbs	Max. capacity 14,900 lbs; 380 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.

Notes

Notes

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Lifting your dreams

