

ATF 180G-5

200 TON CAPACITY

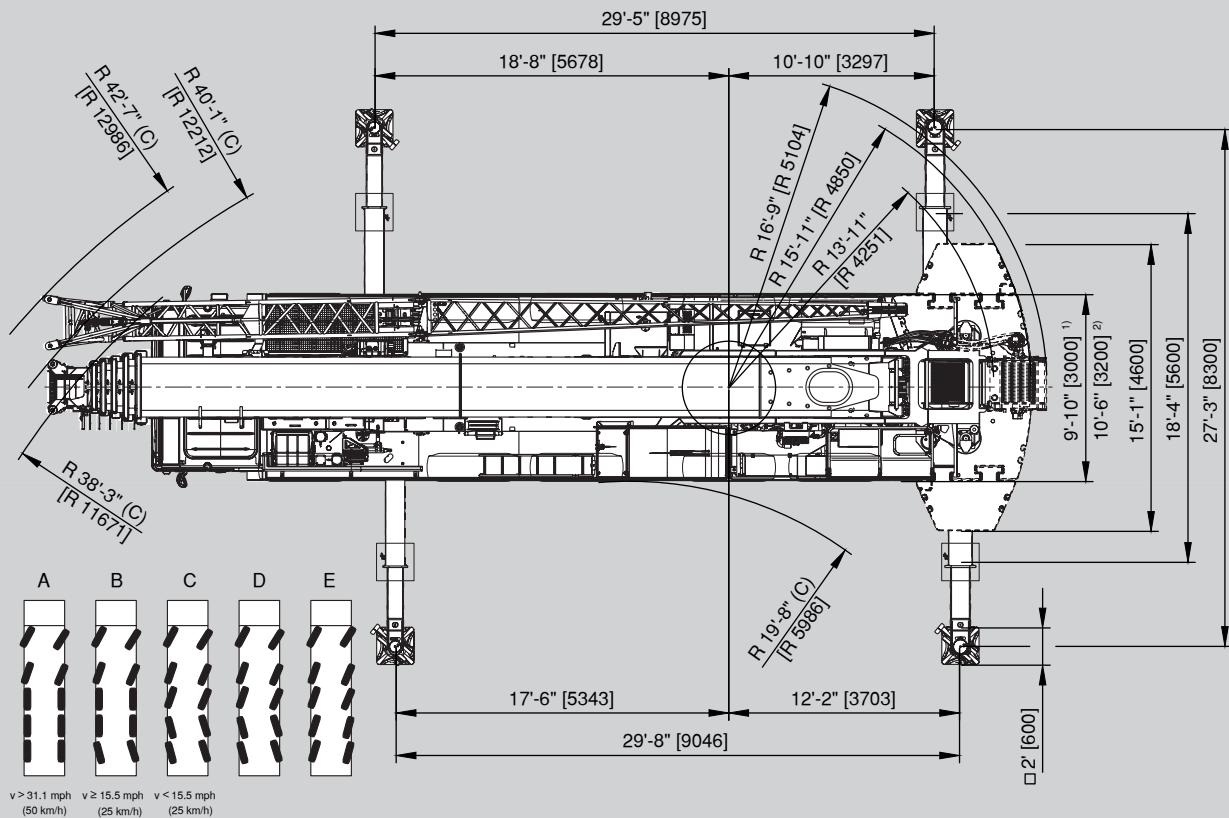
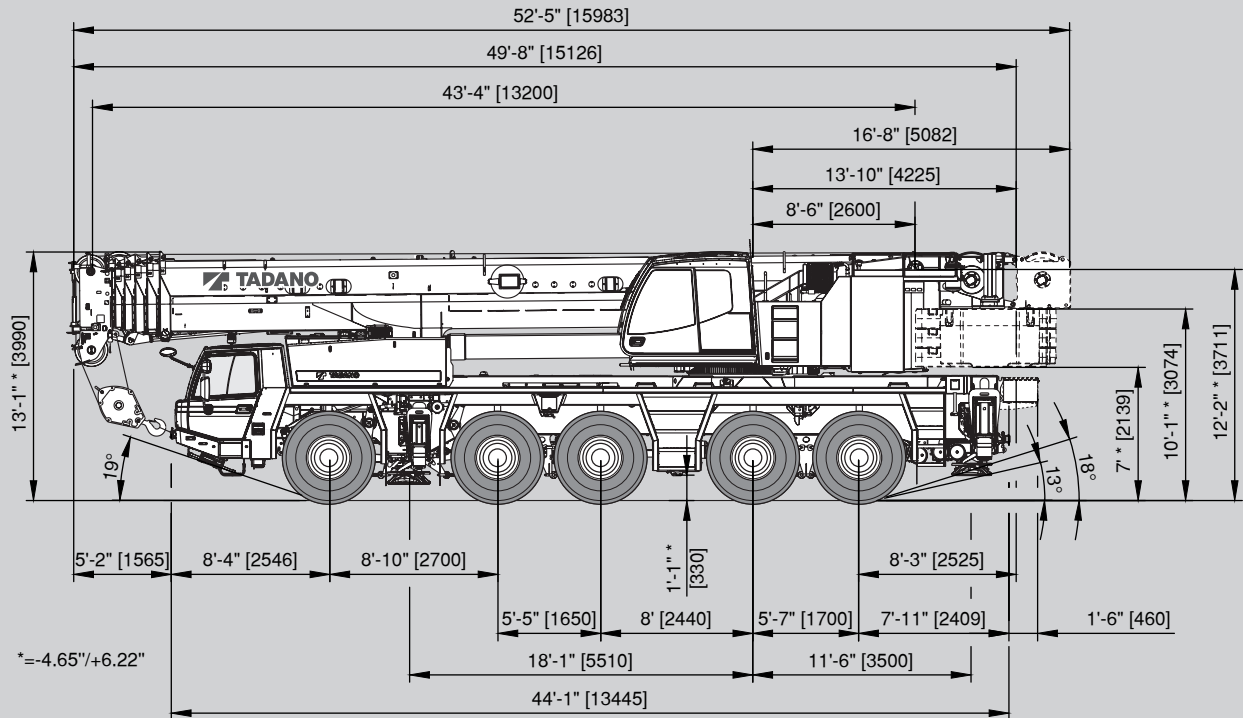
**ALL
TERRAIN
CRANE**



Dimensions (ft, mm) / Dimensiones (ft, mm)



SAE



¹⁾ 445/95 R 25 (16.00 R 25)

²⁾ 525/80 R 25 (20.50 R 25)

Weights / Working speeds / Pesos / Velocidades de trabajo

 * Rams horn * Gancho doble	Lifting capacity Capacidad de elevación [lbs]	Sheaves Poleas	Part of line Ramales de cable	Weight Peso [lbs]
	341,055 (Type / Typo 176.4 ton)*	9	19	3,527.4
	272,491 (Type / Typo 137.7 ton)*	7	15	2,645.5
	202,164 (Type / Typo 110.2 ton)*	5	11	2,535.3
	130,073 (Type / Typo 69.4 ton)	3	7	1,322.8
	130,073 (Type / Typo 69.4 ton)	3	7	1,322.8
	56,438 (Type / Typo 27.6 ton)	1	3	1,322.8
	19,180 (Type / Typo 11.0 ton)	-	1	661.4

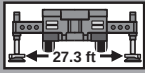
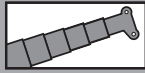


 445/95 (16.00) 525/80 (20.50) mph	 1.9 1.9 2.5 2.5 3.1 4.3 5.0 5.6 6.8 8.7 10.6 12.4 14.9 18.6 21.7 26.1 1.9 1.9 61%*	 3.7 4.3 5.0 6.2 7.5 9.3 11.2 13.0 16.2 19.3 23.6 28.6 34.8 42.3 49.7 52.8 3.7 4.3 47%
--	---	---

* Off road range / * Con transmisión todo terreno

	Infinitely variable Infinitamente variable	Rope (diameter/length) Cable (diámetro/longitud)	Max. single line pull Trio máximo por ramal
	0 - 426.5 ft/min 0 - 130 m/min single line ramal simple	0.83"/ 1,017.1' 21 mm / 310 m	19,109 lbs 85 kN
	0 - 426.5 ft/min 0 - 130 m/min single line ramal simple	0.83"/ 820.2' 21 mm / 250 m	19,109 lbs 85 kN
	Max. permissible line pull may be affected by wire rope strength, which should not exceed 19,109 lbs (85 kN) for main winch and auxiliary winch La fuerza max del cabestrante es dependiente de la normativa en vigor, la cual no permite superar los 85 kN de fuerza.		
	0 - 1.2 rpm		
	-1.5° - +84° approx. 55 s aproximadamente 55 s		
	43.3 ft - 196.8 ft 13.2 m - 60.0 m approx. 420 s aproximadamente 420 s		

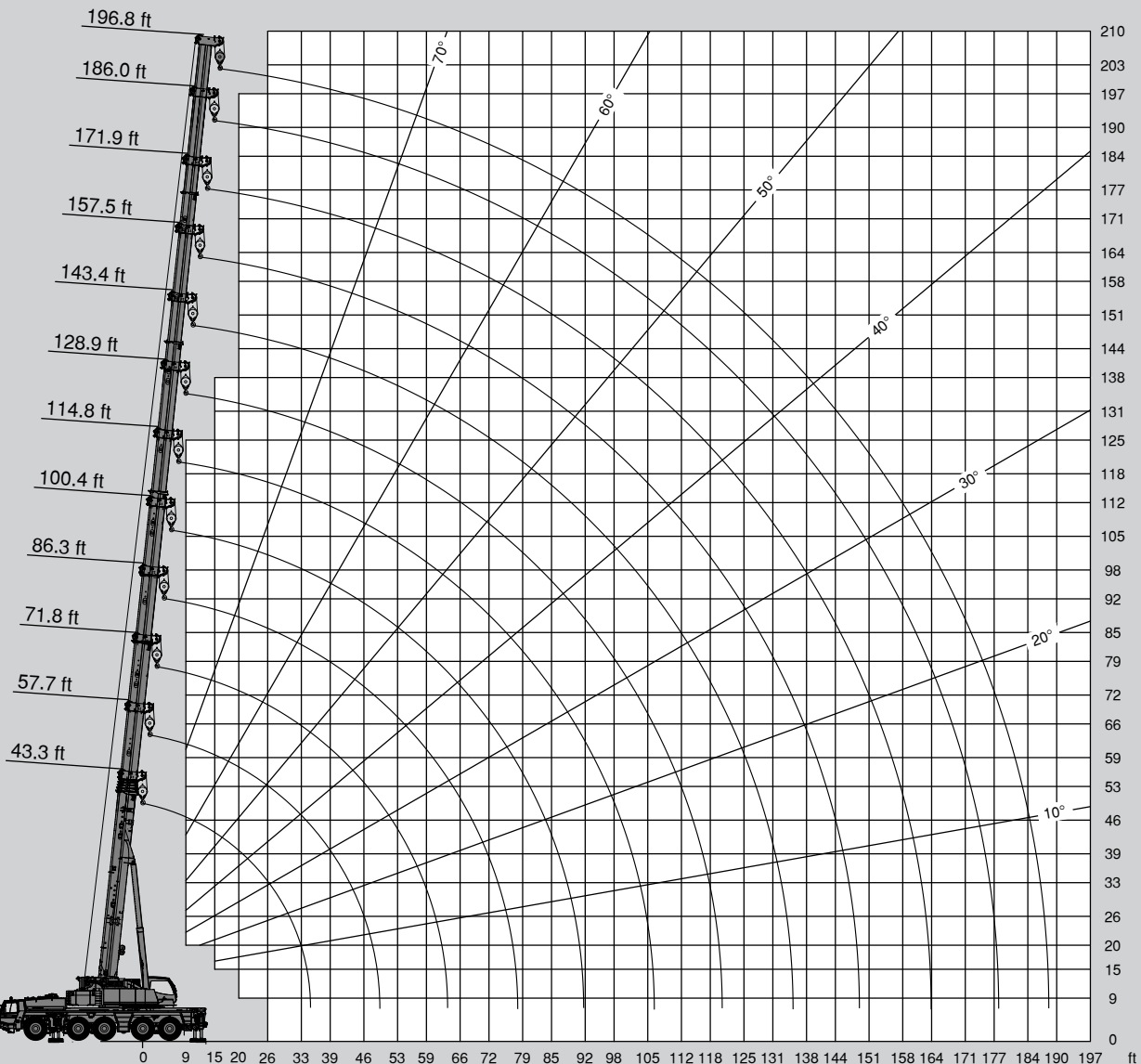
Lifting heights / Alturas de elevación

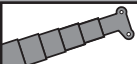


110,230 lbs

lbs x 1,000

SAE



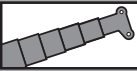
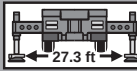
			110,230 lbs	lbs x 1,000	SAE
---	---	---	-------------	-------------	-----

 ft	43.3 ft*	43.3 ft	57.7 ft	71.8 ft	86.3 ft	100.4 ft	114.8 ft	128.9 ft	143.4 ft	157.5 ft	171.9 ft	186.0 ft	196.8 ft
9	400.0**												
10	376.3**	354.5**	264.6**	259.7**	198.4								
12	347.4**	320.1**	264.6**	259.7**	198.4	164.9							
13	322.3**	291.0**	264.6**	259.7**	198.4	164.9							
15	300.7**	266.1**	264.6**	259.7**	198.4	159.8	124.6						
16	275.6**	244.7	244.5	243.2	198.4	153.9	124.6						
20	229.3	209.7	209.4	208.1	198.4	144.0	122.1	95.2	76.1				
23	194.4	182.3	182.1	183.0	182.3	132.1	114.4	95.2	76.1	61.5			
26	168.0	160.7	160.5	161.6	160.5	121.9	107.6	93.0	76.1	61.5	49.2		
30	147.7	143.1	142.6	143.7	142.9	113.1	102.1	88.2	75.0	61.5	49.2	40.3	
33	131.4	127.4	128.1	129.2	128.1	105.4	102.1	83.6	71.6	60.4	49.2	40.3	34.2
36			115.7	116.8	115.7	98.8	98.1	79.1	68.3	58.0	49.2	40.3	34.2
39			105.4	106.5	105.2	92.8	93.9	75.0	67.0	56.2	47.8	40.3	34.2
46			88.0	86.6	88.0	84.4	87.3	67.2	60.6	52.5	45.4	39.0	34.2
53				73.4	73.2	75.4	74.7	60.8	54.9	48.7	42.3	36.8	34.0
59				61.1	65.3	64.4	63.3	55.6	50.0	45.2	39.5	35.3	32.6
66					56.7	54.9	54.5	50.3	45.9	42.1	36.8	33.1	30.9
72					49.2	47.4	47.0	44.5	42.3	38.8	34.6	31.3	29.1
79						42.3	41.0	39.9	38.1	35.9	32.4	29.3	27.6
85						37.5	35.9	37.3	34.0	32.8	30.4	27.8	26.0
92						25.8	31.7	33.3	30.4	29.8	28.9	26.2	24.0
98							28.4	29.8	27.6	26.7	27.1	24.9	22.3
105							25.4	26.7	26.2	24.9	24.5	23.6	20.7
112								24.0	24.9	23.4	22.0	22.3	19.4
118								21.8	22.5	21.4	20.5	20.7	18.1
125									20.5	19.4	19.4	18.7	16.8
131									18.7	17.4	18.3	17.0	15.7
138										15.9	16.8	15.4	14.6
144										14.6	15.2	13.9	13.7
151											14.1	12.6	12.3
158											12.8	11.2	11.2
164												10.4	10.1
171												9.0	9.0
177												8.4	8.2
184													7.5

* Over rear / * Sobre la parte trasera

** With additional lifting equipment / ** Con equipo adicional

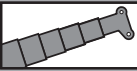
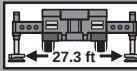
Lifting capacities / Capacidades de elevación

			79,366 lbs	lbs x 1,000	SAE
---	---	---	-------------------	-------------	------------

 ft	43.3 ft*	43.3 ft	57.7 ft	71.8 ft	86.3 ft	100.4 ft	114.8 ft	128.9 ft	143.4 ft	157.5 ft	171.9 ft	186.0 ft	196.8 ft
9	400.0**												
10	376.3**	343.7**	264.6**	259.7**	198.4								
12	347.4**	309.3**	264.6**	259.7**	198.4	164.9							
13	322.3**	280.4**	264.6**	259.7**	198.4	164.9							
15	288.6**	256.0**	255.7**	254.4**	198.4	159.8	124.6						
16	259.7**	234.8	234.6	233.2	198.4	153.9	124.6						
20	214.3	200.2	200.0	199.1	198.4	144.0	122.1	95.2	76.1				
23	181.2	173.5	173.3	174.4	173.3	132.1	114.4	95.2	76.1	61.5			
26	156.5	152.3	151.9	153.2	152.1	121.9	107.6	93.0	76.1	61.5	49.2		
30	137.3	135.1	134.7	135.8	132.7	113.1	102.1	88.2	75.0	61.5	49.2	40.3	
33	121.3	121.0	120.4	121.7	115.1	105.4	102.1	83.6	71.6	60.4	49.2	40.3	34.2
36			105.6	106.9	102.3	96.8	98.1	79.1	68.3	58.0	49.2	40.3	34.2
39			91.7	92.8	91.0	92.2	88.2	75.0	67.0	56.2	47.8	40.3	34.2
46			74.1	71.9	76.7	76.9	74.5	67.2	60.6	52.5	45.4	39.0	34.2
53				63.1	63.5	62.6	61.1	58.0	54.9	48.7	42.3	36.8	34.0
59				53.4	53.6	52.0	50.5	48.9	48.3	45.2	39.5	35.3	32.6
66					45.6	44.5	43.0	43.9	41.0	41.4	36.8	33.1	30.9
72					39.5	38.6	37.0	37.9	35.1	35.5	34.4	31.3	29.1
79						33.7	32.2	33.1	32.4	31.7	31.3	29.3	27.6
85						29.5	28.2	29.1	30.4	28.4	27.3	27.3	26.0
92						25.8	25.6	25.6	26.9	24.9	25.6	24.7	24.0
98							24.0	22.7	24.0	22.9	22.9	21.8	21.6
105							22.7	20.7	21.8	21.4	20.5	19.4	19.2
112								19.4	20.1	19.2	18.3	17.2	17.0
118								18.1	18.3	17.2	16.3	15.2	15.0
125									16.5	15.7	14.6	13.2	13.2
131									15.0	13.9	13.0	11.9	11.7
138										12.6	11.7	10.4	10.4
144										11.2	10.4	8.8	8.8
151											9.3	7.9	7.9
158											8.2	6.6	6.6
164												6.0	5.7
171												5.1	5.1
177												4.2	4.2
184													3.5

* Over rear / * Sobre la parte trasera

** With additional lifting equipment / ** Con equipo adicional

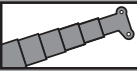
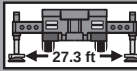
			52,910 lbs	lbs x 1,000	SAE
---	---	---	-------------------	--------------------	------------

 ft	43.3 ft*	43.3 ft	57.7 ft	71.8 ft	86.3 ft	100.4 ft	114.8 ft	128.9 ft	143.4 ft	157.5 ft	171.9 ft	186.0 ft	196.8 ft
9	400.0**												
10	376.3**	333.1**	264.6**	259.7**	198.4								
12	347.4**	299.2**	264.6**	259.7**	198.4	164.9							
13	306.9**	270.5**	264.6**	259.7**	198.4	164.9							
15	273.1**	246.0**	246.0**	244.5**	198.4	159.8	124.6						
16	244.7**	225.1	225.1	223.5	198.4	153.9	124.6						
20	201.1	191.1	190.9	192.2	190.5	144.0	122.1	95.2	76.1				
23	170.0	164.9	164.7	166.0	153.0	132.1	114.4	95.2	76.1	61.5			
26	146.2	144.2	144.0	136.9	127.0	117.7	107.6	93.0	76.1	61.5	49.2		
30	122.4	122.4	123.0	119.7	107.6	106.5	102.1	88.2	75.0	61.5	49.2	40.3	
33	103.0	103.0	102.1	103.4	98.3	96.1	90.2	83.6	71.6	60.4	49.2	40.3	34.2
36			86.2	87.7	92.2	87.3	79.8	74.7	68.3	58.0	49.2	40.3	34.2
39			79.1	80.2	81.6	78.7	71.2	66.8	64.4	56.2	47.8	40.3	34.2
46			61.1	63.5	63.7	62.8	61.3	56.9	56.0	51.6	45.4	39.0	34.2
53				51.1	51.6	50.7	49.2	49.8	46.5	45.9	42.3	36.8	34.0
59				42.8	42.5	41.7	40.3	41.9	39.2	39.9	37.9	35.3	32.6
66					36.6	34.8	33.5	35.1	35.9	34.6	33.1	33.1	30.6
72					32.4	29.5	30.9	29.8	31.1	30.4	29.5	28.4	28.0
79						25.8	28.4	27.6	27.6	26.9	25.6	24.3	24.3
85						24.0	24.9	24.5	24.0	23.1	22.0	20.7	20.9
92						22.0	21.8	21.4	21.2	20.1	19.2	17.6	17.6
98							19.6	19.0	18.7	17.4	16.5	15.2	15.2
105							17.4	16.8	16.3	15.2	14.3	13.0	13.0
112								14.8	14.3	13.4	12.3	11.2	11.2
118								13.0	12.6	11.7	10.6	9.5	9.5
125									11.2	10.1	9.3	7.9	7.9
131									9.9	9.0	7.9	6.8	6.8
138										7.7	6.8	5.5	5.5
144										6.8	5.7	4.4	4.4
151											4.9	3.7	3.3
158											4.2	2.6	2.6

* Over rear / * Sobre la parte trasera

** With additional lifting equipment / ** Con equipo adicional

Lifting capacities / Capacidades de elevación

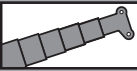
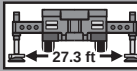
			26,455 lbs	lbs x 1,000	SAE
---	---	---	-------------------	-------------	------------

 ft	43.3 ft*	43.3 ft	57.7 ft	71.8 ft	86.3 ft	100.4 ft	114.8 ft	128.9 ft	143.4 ft	157.5 ft	171.9 ft	186.0 ft	196.8 ft
9	400.0**												
10	376.3**	321.9**	264.6**	259.7**	198.4								
12	330.5**	287.9**	264.6**	259.7**	198.4	164.9							
13	289.9**	259.5**	259.5**	257.9**	198.4	164.9							
15	256.0**	235.5**	235.2**	233.9**	198.4	159.8	124.6						
16	228.8**	214.7	214.5	215.6	196.2	153.9	124.6						
20	187.8	181.2	177.9	164.7	149.0	135.6	122.1	95.2	76.1				
23	152.6	152.6	138.2	130.1	119.0	117.7	105.4	95.2	76.1	61.5			
26	118.4	118.4	115.5	108.0	107.6	100.8	93.3	86.4	76.1	61.5	49.2		
30	94.6	94.6	94.4	96.3	91.7	88.2	80.0	74.1	70.5	61.5	49.2	40.3	
33	78.5	78.5	81.8	85.1	82.2	77.8	69.2	67.5	60.8	59.1	49.2	40.3	34.2
36			69.9	72.5	72.3	68.3	60.4	60.0	53.1	51.6	49.2	40.3	34.2
39			60.2	62.6	62.8	60.6	53.1	53.1	50.3	48.5	45.2	40.3	34.2
46			45.4	47.2	48.3	46.5	44.8	45.4	45.0	40.8	39.0	36.4	34.2
53				37.7	39.5	36.6	39.2	38.4	39.0	36.4	34.8	31.7	29.3
59				30.2	32.2	31.7	32.8	32.2	32.0	31.1	29.3	26.7	25.6
66					26.7	27.1	27.3	26.7	26.5	25.6	24.7	22.7	22.0
72					22.5	22.9	22.9	22.5	22.5	21.4	20.3	19.0	18.5
79						19.4	19.8	19.2	19.0	17.9	17.0	15.4	15.4
85						16.5	16.8	16.3	16.1	15.0	14.1	12.6	12.6
92						14.3	14.6	13.9	13.7	12.6	11.7	10.1	10.1
98							12.3	11.9	11.5	10.4	9.5	8.2	8.2
105							10.6	10.1	9.7	8.8	7.7	6.6	6.6
112								8.8	8.2	7.3	6.4	4.9	5.1
118								7.5	7.1	5.7	5.1	3.7	3.7
125									5.7	4.9	4.0		
131									4.9	4.0	2.9		
138										2.9			

* Over rear / * Sobre la parte trasera

** With additional lifting equipment / ** Con equipo adicional

Lifting capacities / Capacidades de elevación

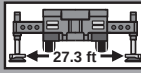
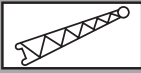
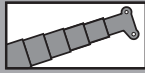
			0 lbs	lbs x 1,000	SAE
---	---	---	--------------	-------------	------------

 ft	43.3 ft*	43.3 ft	57.7 ft	71.8 ft	86.3 ft	100.4 ft	114.8 ft	128.9 ft	143.4 ft	157.5 ft	171.9 ft	186.0 ft	196.8 ft
9	400.0**												
10	361.3**	310.0**											
12	311.5**	276.0**	264.6**	259.7**	198.4	164.9							
13	270.7**	247.8**	247.6**	235.7	198.4	164.9							
15	238.8**	223.8**	221.1**	195.8	170.6	149.7	124.6						
16	209.4**	203.3	180.3	163.1	144.0	127.9	120.4						
20	146.8	146.4	129.9	124.1	119.7	109.6	99.4	88.8	76.1				
23	115.3	115.3	107.4	102.3	95.0	87.1	78.5	73.2	66.1	61.5			
26	85.8	85.8	89.7	85.5	78.7	70.8	63.9	62.8	55.8	52.0	49.2		
30	67.0	64.6	71.0	71.0	66.4	61.3	57.1	56.0	51.6	47.2	43.2	40.3	
33	54.2	50.9	56.2	58.9	59.7	52.7	52.0	48.9	46.5	43.2	40.1	36.8	34.2
36			46.1	49.2	51.4	47.8	47.6	43.9	40.6	37.7	35.1	32.0	31.1
39			38.4	41.0	43.4	43.9	42.5	39.0	35.7	33.3	30.9	28.0	27.3
46			27.8	30.2	32.4	32.8	33.1	32.2	30.6	28.4	26.5	23.1	22.9
53				22.9	25.1	25.6	25.8	25.1	24.9	23.1	21.4	18.7	18.5
59				17.6	19.6	20.1	20.5	19.8	19.6	18.7	17.0	15.0	14.6
66					15.4	16.1	16.5	15.9	15.4	14.6	13.4	11.7	11.5
72					12.3	12.6	13.0	12.6	12.3	11.2	10.1	8.8	9.0
79						10.1	10.6	9.9	9.7	8.8	7.7	6.4	6.4
85						8.2	8.6	7.9	7.5	6.6	5.5	4.4	4.4
92						6.8	6.8	6.4	5.7	4.9	4.0		
98							5.3	4.9	4.4	3.3			
105							4.4	3.7	3.1				

* Over rear / * Sobre la parte trasera

** With additional lifting equipment / ** Con equipo adicional

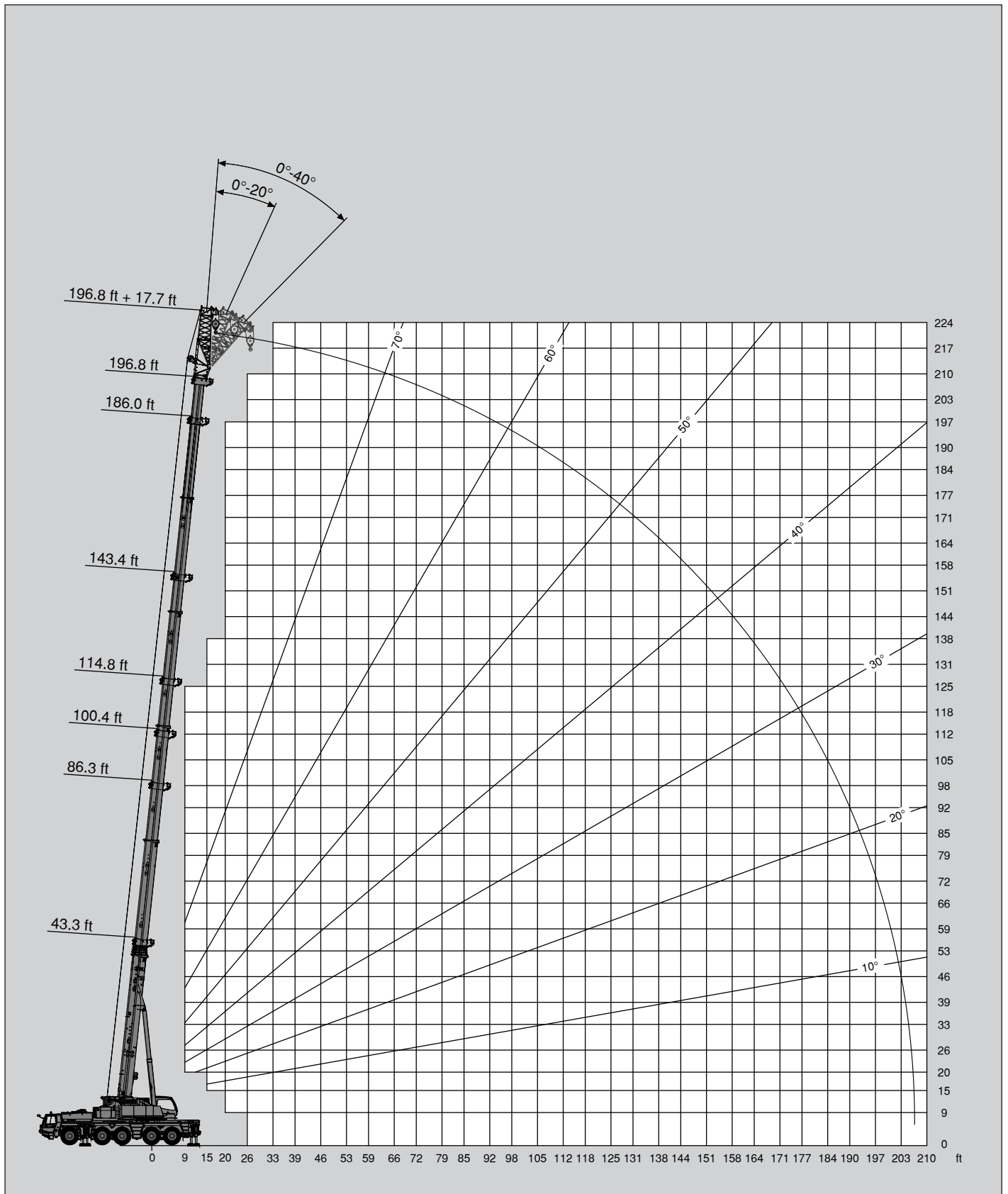
Lifting heights / Alturas de elevación

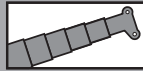
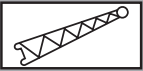
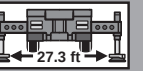


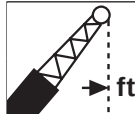
110,230 lbs

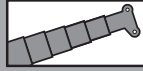
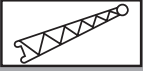
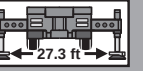
lbs x 1,000

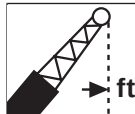
SAE



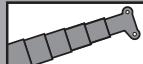
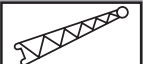
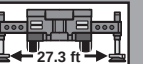
					110,230 lbs	lbs x 1,000	SAE
---	---	---	---	---	--------------------	-------------	------------

	43.3 ft + 17.7 ft			86.3 ft + 17.7 ft			100.4 ft + 17.7 ft			114.8 ft + 17.7 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	89.3											
12	84.3	59.8		84.0								
13	79.9	57.7		84.0								
15	75.8	55.6	45.7	83.2			78.3					
16	72.3	53.8	44.7	80.9	58.0		76.1					
20	69.9	52.0	43.2	78.3	56.0		73.6	57.1		67.0		
23	64.4	50.6	42.3	74.6	52.9	43.7	71.2	55.6		67.0	56.4	
26	59.8	47.9	41.2	70.2	50.5	43.2	67.5	53.4	43.2	67.0	54.7	
30	55.9	45.7	40.3	66.3	49.4	42.5	64.2	51.4	42.5	67.0	52.9	42.3
33	51.8	43.8	39.5	63.0	48.1	41.7	62.6	49.2	41.7	66.8	50.7	41.2
36	49.4	42.1	39.0	59.4	46.1	41.2	59.7	47.4	40.8	63.3	48.5	40.3
39	45.9	40.6	38.6	56.3	44.5	40.8	57.3	46.1	40.1	60.0	46.7	39.7
46	42.3	39.0		53.8	42.8	40.1	55.3	45.0	38.8	54.5	45.0	39.0
53	37.7			50.7	41.7	39.7	50.9	42.8	37.9	49.6	43.7	38.6
59				46.9	39.9	39.2	47.0	39.9	36.8	45.9	41.0	37.5
66				43.0	38.4	38.8	43.4	37.9	35.9	42.3	39.7	36.6
72				39.9	36.2	38.1	40.3	37.0	35.1	39.0	37.9	35.5
79				35.9	34.6	37.3	36.6	34.4	34.0	36.4	35.3	33.3
85				31.7	32.2		32.8	32.4	32.8	33.5	33.1	31.3
92				28.0	28.2		28.7	29.1		29.8	29.8	29.1
98							24.9	25.6		26.2	26.7	26.9
105							22.0	22.3		23.1	23.6	
112										20.3	20.7	
118										17.9	18.3	
125										14.6		

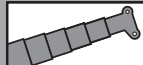
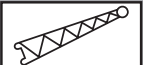
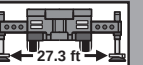
					110,230 lbs	lbs x 1,000	SAE
---	---	---	---	---	--------------------	-------------	------------

	143.4 ft + 17.7 ft			186.0 ft + 17.7 ft			196.8 ft + 17.7 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°
23	47.4								
26	47.0								
30	45.2	39.9							
33	43.4	38.6		24.7					
36	41.9	37.3	34.4	24.7			22.3		
39	40.3	36.2	33.3	24.7	24.7		22.3		
46	37.7	34.0	31.7	24.7	23.6	22.5	22.3	22.0	20.9
53	35.5	32.2	30.2	24.0	22.5	21.4	22.3	20.9	20.1
59	33.5	30.6	28.9	22.7	21.2	20.3	21.2	19.8	19.0
66	31.7	29.3	27.6	21.4	20.3	19.4	20.1	19.0	18.3
72	30.4	28.0	26.7	20.3	19.4	18.7	19.0	18.1	17.4
79	29.1	26.9	25.8	19.4	18.5	17.9	18.1	17.4	16.8
85	28.0	26.0	24.9	18.5	17.9	17.4	17.2	16.5	16.1
92	26.7	25.4	24.3	17.6	17.0	16.5	16.3	15.9	15.4
98	25.1	24.7	23.8	17.0	16.3	16.1	15.7	15.2	15.0
105	23.6	23.6	23.4	16.3	15.7	15.4	15.2	14.6	14.3
112	20.9	21.4	21.4	15.7	15.2	15.0	14.6	14.1	13.9
118	18.7	19.2	19.2	15.0	14.6	14.3	14.1	13.7	13.4
125	16.8	17.2	17.2	14.6	14.1	13.9	13.7	13.2	13.0
131	14.8	15.2		14.1	13.7	13.7	12.8	12.8	12.6
144	11.7	11.9		13.0	12.8	12.6	11.0	11.2	11.2
158				10.6	10.8	10.8	9.7	9.7	9.9
171				8.6	8.6		8.2	8.2	8.6
184				6.6	6.8		6.4	6.6	
197							4.9	5.1	

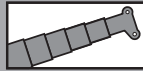
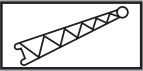
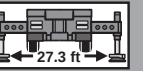
Lifting capacities / Capacidades de elevación

					79,366 lbs	lbs x 1,000	SAE
---	---	---	---	---	------------	-------------	-----

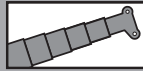
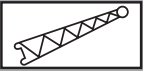
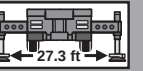
	43.3 ft + 17.7 ft			86.3 ft + 17.7 ft			100.4 ft + 17.7 ft			114.8 ft + 17.7 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	89.3											
12	84.3	59.8		84.0								
13	79.9	57.7		84.0								
15	75.8	55.6	45.7	83.1			78.3					
16	72.3	53.8	44.7	80.9	58.0		76.1					
20	69.9	52.0	43.2	78.3	56.0		73.6	57.1		67.0		
23	64.4	50.6	42.3	74.5	52.9	43.7	71.2	55.6		67.0	56.4	
26	59.8	47.9	41.2	70.1	50.5	43.2	67.5	53.4	43.2	67.0	54.7	
30	55.9	45.7	40.3	66.4	49.4	42.5	64.2	51.4	42.5	67.0	52.9	42.3
33	51.8	43.8	39.5	63.1	48.1	41.7	62.6	49.2	41.7	66.8	50.7	41.2
36	49.4	42.1	39.0	59.5	46.1	41.2	59.7	47.4	40.8	63.3	48.5	40.3
39	45.9	40.6	38.6	56.2	44.5	40.8	57.3	46.1	40.1	60.0	46.7	39.7
46	42.3	39.0		53.8	42.8	40.1	55.3	45.0	38.8	54.5	45.0	39.0
53	37.7			50.7	41.7	39.7	50.9	42.8	37.9	49.6	43.7	38.6
59				47.0	39.9	39.2	47.0	39.9	36.8	45.9	41.0	37.5
66				41.4	38.4	38.8	39.7	37.9	35.9	40.8	39.7	36.6
72				35.3	36.2	36.6	33.7	34.6	35.1	34.6	35.7	35.5
79				30.4	31.1	31.3	28.7	29.3	30.0	29.8	30.6	31.1
85				26.2	26.7		24.3	24.9	25.1	25.6	26.2	26.7
92				22.7	23.1		20.7	21.4		21.8	22.5	22.7
98							17.6	18.3		19.0	19.4	19.6
105							15.0	15.2		16.3	16.5	
112										13.9	14.1	
118										11.9	12.1	
125										10.1		

					79,633 lbs	lbs x 1,000	SAE
---	---	---	---	---	------------	-------------	-----

	143.4 ft + 17.7 ft			186.0 ft + 17.7 ft			196.8 ft + 17.7 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°
23	47.4								
26	47.0								
30	45.2	39.9							
33	43.4	38.6		24.7					
36	41.9	37.3	34.4	24.7			22.3		
39	40.3	36.2	33.3	24.7	24.7		22.3		
46	37.7	34.0	31.7	24.7	23.6	22.5	22.3	22.0	20.9
53	35.5	32.2	30.2	24.0	22.5	21.4	22.3	20.9	20.1
59	33.5	30.6	28.9	22.7	21.2	20.3	21.2	19.8	19.0
66	31.7	29.3	27.6	21.4	20.3	19.4	20.1	19.0	18.3
72	30.4	28.0	26.7	20.3	19.4	18.7	19.0	18.1	17.4
79	29.1	26.9	25.8	19.4	18.5	17.9	18.1	17.4	16.8
85	26.2	26.0	24.9	18.5	17.9	17.4	17.2	16.5	16.1
92	23.1	23.1	24.0	17.6	17.0	16.5	16.3	15.9	15.4
98	19.8	20.7	21.2	17.0	16.3	16.1	15.7	15.2	15.0
105	17.2	17.9	18.3	16.3	15.7	15.4	15.2	14.6	14.3
112	14.8	15.4	15.9	15.7	15.2	15.0	14.6	14.1	13.9
118	12.8	13.4	13.7	14.1	14.6	14.3	14.1	13.7	13.4
125	11.2	11.5	11.7	12.6	13.0	13.7	12.6	13.0	13.0
131	9.5	9.7		11.2	11.7	11.7	11.2	11.5	11.7
144	6.8	6.8		8.2	8.8	8.8	8.2	8.8	8.8
158				6.2	6.4	6.4	6.2	6.4	6.4
171				4.2	4.4		4.2	4.4	4.4
184				2.6	2.9		2.6	2.6	

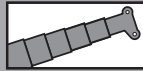
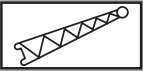
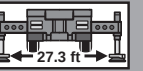
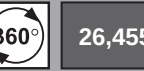
					52,910 lbs	lbs x 1,000	SAE
---	---	---	---	---	------------	-------------	-----

	43.3 ft + 17.7 ft			86.3 ft + 17.7 ft			100.4 ft + 17.7 ft			114.8 ft + 17.7 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	89.3											
12	84.3	59.7		84.0								
13	79.9	57.8		84.0								
15	75.8	55.6	45.6	83.1			78.3					
16	72.3	53.8	44.8	80.9	58.0		76.1					
20	69.9	52.0	43.2	78.3	56.0		73.6	57.1		67.0		
23	64.4	50.5	42.3	74.5	52.9	43.7	71.2	55.6		67.0	56.4	
26	59.8	47.8	41.2	70.1	50.5	43.2	67.5	53.4	43.2	67.0	54.7	
30	55.9	45.6	40.3	66.4	49.4	42.5	64.2	51.4	42.5	67.0	52.9	42.3
33	51.8	43.9	39.5	63.1	48.1	41.7	62.6	49.2	41.7	66.8	50.7	41.2
36	49.4	42.1	39.0	59.5	46.1	41.2	59.7	47.4	40.8	63.3	48.5	40.3
39	45.9	40.6	38.6	56.2	44.5	40.8	57.3	46.1	40.1	60.0	46.7	39.7
46	42.3	39.0		53.8	42.8	40.1	55.3	45.0	38.8	52.7	45.0	39.0
53	37.7			47.2	41.7	39.7	45.4	42.8	37.9	45.4	43.7	38.6
59				38.4	39.7	39.2	36.4	37.9	36.8	37.7	38.4	37.5
66				31.5	32.6	33.3	29.5	30.9	31.3	30.9	32.2	32.2
72				26.2	27.1	27.6	24.0	25.1	26.0	25.6	26.7	26.9
79				21.8	22.3	22.7	19.6	20.7	21.2	20.9	21.8	22.5
85				18.3	18.7		16.1	16.8	17.2	17.2	18.3	18.5
92				15.2	15.4		13.0	13.7		14.3	15.0	15.2
98							10.6	11.0		11.7	12.1	12.6
105							8.6	8.8		9.5	9.9	
112										7.7	7.9	
118										6.2	6.4	
125										4.9		

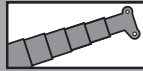
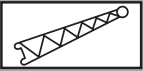
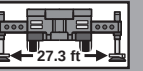
					52,910 lbs	lbs x 1,000	SAE
---	---	---	---	---	------------	-------------	-----

	143.4 ft + 17.7 ft			186.0 ft + 17.7 ft			196.8 ft + 17.7 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°
23	47.4								
26	47.0								
30	45.2	39.9							
33	43.4	38.6		24.7					
36	41.9	37.3	34.4	24.7			22.3		
39	40.3	36.2	33.3	24.7	24.7		22.3		
46	37.7	34.0	31.7	24.7	23.6	22.5	22.3	22.0	20.9
53	35.5	32.2	30.2	24.0	22.5	21.4	22.3	20.9	20.1
59	33.5	30.6	28.9	22.7	21.2	20.3	21.2	19.8	19.0
66	31.7	29.3	27.6	21.4	20.3	19.4	20.1	19.0	18.3
72	26.7	27.6	26.7	20.3	19.4	18.7	19.0	18.1	17.4
79	22.3	23.4	23.4	19.4	18.5	17.9	18.1	17.4	16.8
85	18.5	19.4	19.8	18.5	17.9	17.4	17.2	16.5	16.1
92	15.4	16.3	16.8	17.2	17.0	16.5	16.3	15.9	15.4
98	12.8	13.7	14.1	14.8	15.0	15.9	14.3	15.2	15.0
105	10.6	11.2	11.7	12.3	13.0	13.4	12.3	13.0	13.2
112	8.8	9.3	9.5	10.4	11.2	11.5	10.4	11.2	11.5
118	7.1	7.5	7.7	8.8	9.3	9.7	8.8	9.3	9.7
125	5.5	6.2	6.2	7.3	7.7	7.9	7.3	7.7	7.9
131	4.4	4.6		6.2	6.4	6.6	5.7	6.4	6.6
144		2.4		3.7	4.2	4.2	3.7	4.0	4.2

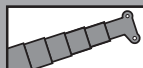
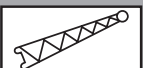
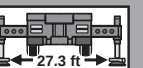
Lifting capacities / Capacidades de elevación

					26,455 lbs	lbs x 1,000	SAE
---	---	---	---	---	-------------------	-------------	------------

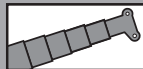
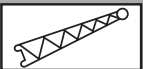
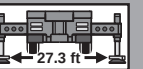
	43.3 ft + 17.7 ft			86.3 ft + 17.7 ft			100.4 ft + 17.7 ft			114.8 ft + 17.7 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	89.3											
12	84.2	59.7		84.0								
13	79.8	57.8		84.0								
15	75.8	55.6	45.6	83.1			78.3					
16	72.3	53.8	44.8	80.9	58.0		76.1					
20	69.9	52.0	43.2	78.3	56.0		73.6	57.1		67.0		
23	64.4	50.5	42.3	74.5	52.9	43.7	71.2	55.6		67.0	56.4	
26	59.7	47.8	41.2	70.1	50.5	43.2	67.5	53.4	43.2	67.0	54.7	
30	55.8	45.6	40.3	66.4	49.4	42.5	64.2	51.4	42.5	67.0	52.9	42.3
33	51.8	43.9	39.5	63.1	48.1	41.7	62.6	49.2	41.7	61.9	50.7	41.2
36	49.4	42.1	39.0	59.5	46.1	41.2	54.7	47.4	40.8	53.8	48.5	40.3
39	45.9	40.6	38.6	52.2	44.5	40.8	47.6	46.1	40.1	47.2	46.7	39.7
46	42.3	39.0		43.0	42.8	40.1	38.4	39.2	38.8	38.1	39.0	39.0
53	37.3			33.1	34.6	35.3	30.9	32.2	33.5	31.3	32.4	35.1
59				26.0	27.1	28.0	23.8	25.1	26.5	24.9	26.2	28.0
66				20.3	21.4	22.0	18.3	19.4	20.3	19.4	20.9	21.8
72				16.1	16.8	17.2	13.9	15.0	15.4	15.0	16.3	17.0
79				12.6	13.0	13.4	10.4	11.5	11.9	11.7	12.6	13.4
85				9.7	10.1		7.7	8.6	8.8	9.0	9.7	10.1
92				7.5	7.7		5.3	6.2		6.6	7.3	7.5
98							3.3	4.0		4.6	5.1	5.3
105										2.9	3.3	

					26,455 lbs	lbs x 1,000	SAE
---	---	---	---	---	-------------------	-------------	------------

	143.4 ft + 17.7 ft			186.0 ft + 17.7 ft			196.8 ft + 17.7 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°
23	47.4								
26	47.0								
30	45.2	39.9							
33	43.4	38.6		24.7					
36	41.9	37.3	34.4	24.7			22.3		
39	40.3	36.2	33.3	24.7	24.7		22.3		
46	35.7	34.0	31.7	24.7	23.6	22.5	22.3	22.0	20.9
53	29.8	30.4	30.2	24.0	22.5	21.4	22.3	20.9	20.1
59	24.9	26.9	28.4	22.7	21.2	20.3	21.2	19.8	19.0
66	20.7	22.3	23.4	20.1	20.3	19.4	19.0	19.0	18.3
72	16.5	17.6	18.7	17.4	18.5	18.7	16.8	17.9	17.4
79	13.0	14.1	14.8	14.6	15.7	16.1	14.3	15.4	16.3
85	10.1	11.2	11.7	12.1	13.0	13.4	12.1	12.8	13.7
92	7.7	8.6	9.0	9.7	10.4	11.0	9.7	10.4	11.0
98	5.7	6.6	6.8	7.5	8.2	8.8	7.5	8.2	8.8
105	4.2	4.6	5.1	5.7	6.6	7.1	5.7	6.6	7.1
112	2.6	3.1	3.3	4.4	4.9	5.3	4.4	4.9	5.3
118				2.9	3.7	4.0	2.9	3.3	4.0
125					2.4	2.6		2.4	2.6

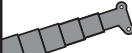
					0 lbs	lbs x 1,000	SAE
---	---	---	---	---	-------	-------------	-----

	43.3 ft + 17.7 ft			86.3 ft + 17.7 ft			100.4 ft + 17.7 ft			114.8 ft + 17.7 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	89.3											
12	84.2	59.7		84.0								
13	79.8	57.8		84.0								
15	75.8	55.6	45.6	83.1			78.3					
16	72.3	53.8	44.8	80.9	58.0		76.1					
20	69.9	52.0	43.2	78.3	56.0		73.6	57.1		67.0		
23	64.4	50.5	42.3	74.5	52.9	43.7	71.2	55.6		67.0	56.4	
26	59.7	47.8	41.2	64.4	50.5	43.2	57.5	53.4	43.2	55.8	54.7	
30	55.8	45.6	40.3	53.1	49.4	42.5	47.4	51.1	42.5	46.3	49.8	42.3
33	51.8	43.9	39.5	44.5	47.6	41.7	39.7	42.8	41.7	39.0	42.1	41.2
36	48.7	42.1	39.0	39.0	41.7	41.2	33.5	36.4	38.8	33.3	35.9	38.4
39	40.8	40.6	38.6	35.1	37.0	39.7	28.4	30.9	33.1	28.4	30.9	33.1
46	30.0	30.9		25.6	27.6	29.3	22.7	25.1	26.9	23.4	25.6	27.1
53	22.5			17.9	19.8	21.2	15.9	17.6	19.2	17.2	19.2	20.7
59				12.6	14.1	15.0	10.6	12.1	13.4	11.9	13.7	14.8
66				8.8	9.9	10.6	6.8	7.9	9.0	7.9	9.5	10.4
72				5.7	6.6	7.1	3.7	4.9	5.3	4.9	6.2	6.8
79				3.3	4.0	4.4			2.6	2.4	3.3	4.2

					0 lbs	lbs x 1,000	SAE
---	---	---	---	---	-------	-------------	-----

	143.4 ft + 17.7 ft			186.0 ft + 17.7 ft			196.8 ft + 17.7 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°
23	47.4								
26	47.0								
30	43.2	39.9							
33	36.8	38.6		24.7					
36	31.5	34.2	34.4	24.7			22.3		
39	27.3	29.5	31.5	24.7	24.7		22.3		
46	21.8	23.6	25.1	20.3	21.8	22.5	19.6	21.2	20.9
53	17.2	19.0	20.3	16.5	18.1	19.2	16.3	17.4	17.9
59	13.0	14.6	15.4	13.4	14.6	15.9	13.0	14.3	15.4
66	9.5	11.0	11.9	10.4	11.7	12.6	9.9	11.2	12.1
72	6.4	7.5	8.6	7.7	8.8	9.7	7.5	8.6	9.5
79	4.0	4.9	5.5	5.5	6.6	7.3	5.3	6.4	7.1
85			3.3		4.6	5.3			5.1

Lifting heights / Alturas de elevación



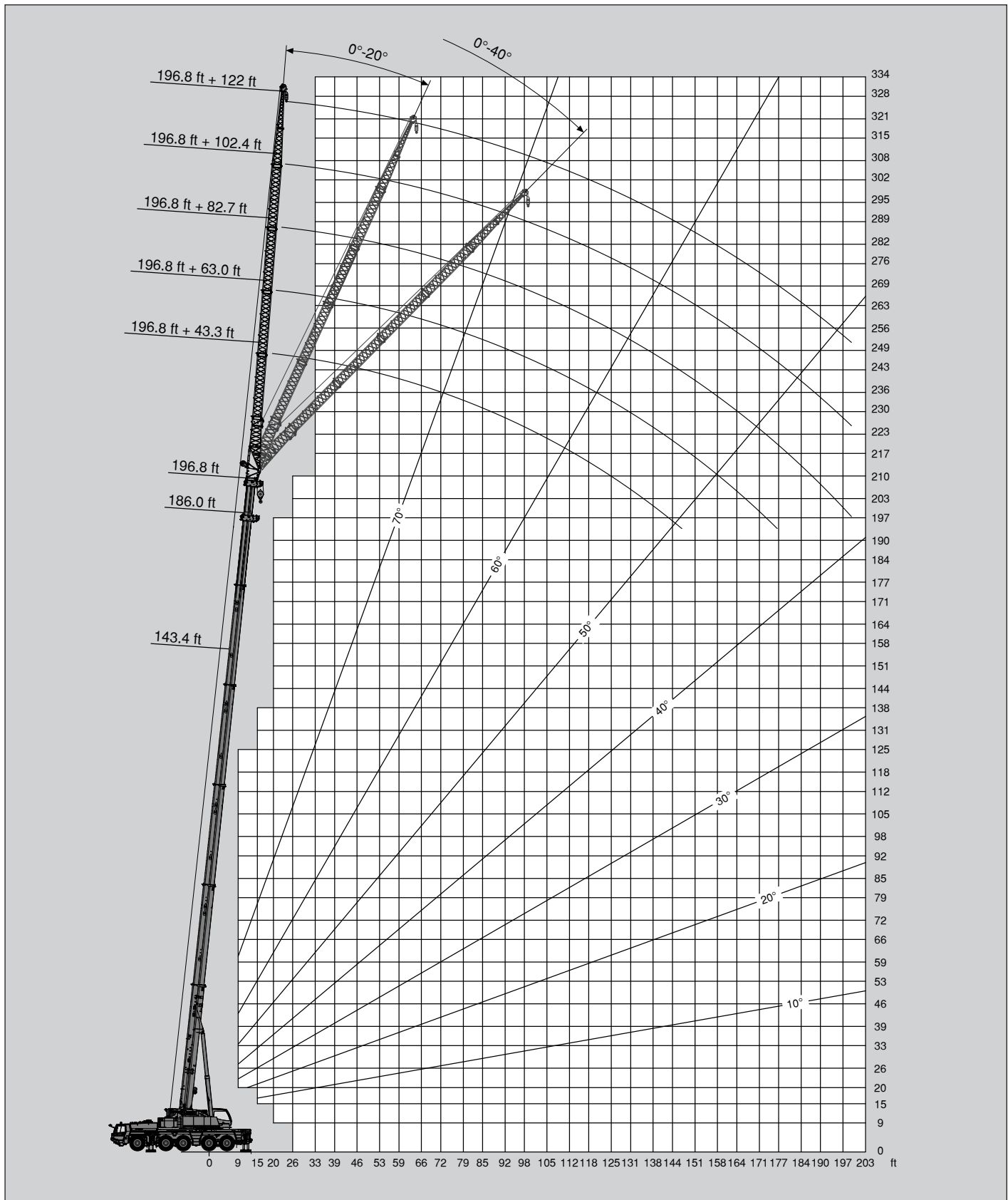


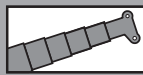
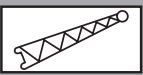
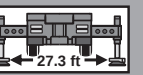

360°

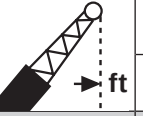
110,230 lbs

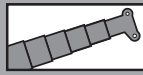
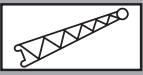
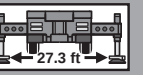
lbs x 1,000

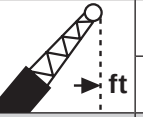
SAE



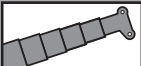
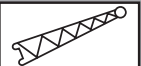
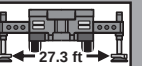
					110,230 lbs	lbs x 1,000	SAE
---	---	---	---	---	--------------------	-------------	------------

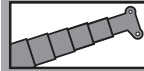
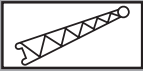
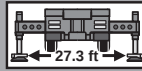
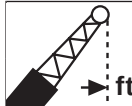
	186.0 ft + 43.3 ft			186.0 ft + 63.0 ft			186.0 ft + 82.7 ft			186.0 ft + 102.4 ft			186.0 ft + 122.0 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
36	17.0														
39	17.0			12.8			9.7								
46	17.0			12.8			9.7			7.7					
53	17.0	16.5		12.8			9.7			7.7			5.3		
59	17.0	16.1		12.8			9.7			7.7			5.3		
66	17.0	15.7	13.7	12.8	12.8		9.7			7.7			5.3		
72	17.0	15.0	13.4	12.8	12.3		9.7			7.7			5.3		
79	16.1	14.3	13.0	12.8	11.7		9.7	9.5		7.7			5.3		
85	15.4	13.7	12.8	12.8	11.2	10.4	9.7	9.3		7.5			5.3		
92	14.8	13.2	12.3	12.3	10.8	9.9	9.7	9.0		7.5	6.4		5.3		
98	14.1	12.8	11.9	11.9	10.4	9.7	9.7	8.8		7.3	6.4		5.3		
105	13.7	12.3	11.5	11.5	10.1	9.3	9.7	8.4	7.7	7.3	6.2		5.1	4.4	
112	13.0	11.9	11.2	11.0	9.7	9.0	9.3	8.2	7.5	7.1	6.0		5.1	4.2	
118	12.6	11.5	10.8	10.6	9.5	8.8	9.0	7.9	7.3	6.8	6.0		4.9	4.2	
125	12.1	11.2	10.6	10.1	9.0	8.6	8.6	7.5	7.1	6.8	5.7	5.3	4.9	4.0	
131	11.7	10.8	10.4	9.9	8.8	8.4	8.4	7.3	6.8	6.6	5.7	5.1	4.6	4.0	
144	11.0	10.4	9.9	9.3	8.4	7.9	7.7	6.8	6.4	6.4	5.5	4.9	4.4	3.7	
158	10.4	9.7	9.5	8.8	7.9	7.5	7.3	6.4	6.2	6.2	5.3	4.6	4.2	3.5	
171	9.5	9.3	9.0	8.4	7.5	7.3	6.8	6.2	5.7	5.7	5.1	4.4	4.2	3.5	
184	7.7	8.2	7.7	7.9	7.3	7.1	6.6	5.7	5.5	5.3	4.6	4.2	4.0	3.3	
197	6.2	6.6		6.4	7.1	6.8	6.2	5.5	5.3	5.1	4.4	4.0	3.7	3.3	
210	4.6	5.1		5.1	5.5	6.0	5.3	5.3	5.1	4.9	4.2	4.0	3.5	3.1	
223				4.0	4.4		4.2	4.9	4.9	4.0	4.0	3.7	3.3	3.1	
236				2.9	3.1		2.9	3.7	4.0	3.1	3.7	3.7	2.6	2.9	
249											2.9	3.3		2.6	

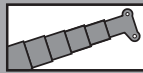
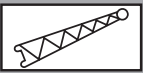
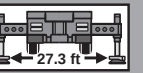
					110,230 lbs	lbs x 1,000	SAE
---	---	---	---	---	--------------------	-------------	------------

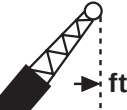
	196.8 ft + 43.3 ft			196.8 ft + 63.0 ft			196.8 ft + 82.7 ft			196.8 ft + 102.4 ft			196.8 ft + 122.0 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
39	14.3			11.0											
46	14.3			11.0			8.6			6.6					
53	14.3			11.0			8.6			6.6			5.1		
59	14.3	14.3		11.0			8.6			6.6			5.1		
66	14.3	14.3		11.0	11.0		8.6			6.6			5.1		
72	14.3	14.1	13.0	11.0	11.0		8.6			6.6			5.1		
79	14.3	13.4	12.6	11.0	11.0		8.6	8.6		6.6			5.1		
85	14.3	13.0	12.1	11.0	10.8	9.9	8.6	8.6		6.6			5.1		
92	13.9	12.3	11.7	11.0	10.4	9.5	8.6	8.6		6.6	6.2		5.1		
98	13.2	11.9	11.2	11.0	9.9	9.3	8.6	8.4		6.6	6.2		4.9		
105	12.8	11.7	10.8	10.8	9.5	8.8	8.6	7.9	7.5	6.6	6.0		4.9		
112	12.3	11.2	10.6	10.4	9.3	8.6	8.6	7.7	7.1	6.6	6.0		4.9		
118	11.7	10.8	10.4	9.9	8.8	8.4	8.4	7.5	6.8	6.6	5.7		4.6		
125	11.2	10.6	9.9	9.7	8.6	8.2	8.2	7.3	6.6	6.6	5.7		4.6		
131	11.0	10.1	9.7	9.3	8.4	7.9	7.9	7.1	6.4	6.4	5.5		4.4		
144	10.1	9.7	9.3	8.8	7.9	7.5	7.3	6.6	6.2	6.2	5.3		4.4		
158	9.0	9.0	8.8	8.2	7.5	7.1	6.8	6.2	5.7	5.7	5.1		4.2		
171	7.9	8.2	8.2	7.3	7.1	6.8	6.4	5.7	5.5	5.3	4.6		4.0		
184	6.8	7.1	7.3	6.4	6.6	6.6	6.0	5.5	5.3	5.1	4.4		3.7		
197	5.7	6.2	6.4	5.5	6.0	6.2	5.3	5.3	5.1	4.6	4.2		3.5		
210	4.6	4.9		4.6	5.1	5.3	4.4	4.9	4.9	4.0	4.0		2.9		
223	3.3	3.7		3.7	4.2	4.4	3.7	4.2	4.4	3.5	3.7		2.4		
236				2.6	2.9		2.6	3.3	4.0	2.9	3.3				
249											2.9				

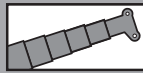
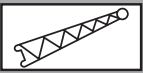
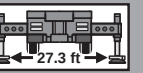
Lifting capacities / Capacidades de elevación

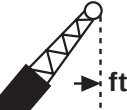
				 HYDRO		 ← 27.3 ft →		 360°		79,366 lbs		lbs x 1,000			SAE	
 ft	186.0 ft + 43.3 ft			186.0 ft + 63.0 ft			186.0 ft + 82.7 ft			186.0 ft + 102.4 ft			186.0 ft + 122.0 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
36	17.0															
39	17.0			12.8			9.7									
46	17.0			12.8			9.7			7.7						
53	17.0	16.5		12.8			9.7			7.7			5.3			
59	17.0	16.1		12.8			9.7			7.7			5.3			
66	17.0	15.7	13.7	12.8	12.8		9.7			7.7			5.3			
72	17.0	15.0	13.4	12.8	12.3		9.7			7.7			5.3			
79	16.1	14.3	13.0	12.8	11.7		9.7	9.5		7.7			5.3			
85	15.4	13.7	12.8	12.8	11.2	10.4	9.7	9.3		7.5			5.3			
92	14.8	13.2	12.3	12.3	10.8	9.9	9.7	9.0		7.5	6.4		5.3			
98	14.1	12.8	11.9	11.9	10.4	9.7	9.7	8.8		7.3	6.4		5.3			
105	13.7	12.3	11.5	11.5	10.1	9.3	9.7	8.4	7.7	7.3	6.2		5.1	4.4		
112	13.0	11.9	11.2	11.0	9.7	9.0	9.3	8.2	7.5	7.1	6.0		5.1	4.2		
118	12.6	11.5	10.8	10.6	9.5	8.8	9.0	7.9	7.3	6.8	6.0		4.9	4.2		
125	12.1	11.2	10.6	10.1	9.0	8.6	8.6	7.5	7.1	6.8	5.7	5.3	4.9	4.0		
131	11.7	10.8	10.4	9.9	8.8	8.4	8.4	7.3	6.8	6.6	5.7	5.1	4.6	4.0		
144	9.5	10.4	9.9	9.3	8.4	7.9	7.7	6.8	6.4	6.4	5.5	4.9	4.4	3.7		
158	7.3	8.2	8.6	7.7	7.9	7.5	7.3	6.4	6.2	6.2	5.3	4.6	4.2	3.5		
171	5.3	6.2	6.6	5.7	7.1	7.3	6.0	6.2	5.7	5.7	5.1	4.4	4.2	3.5		
184	4.0	4.4	7.7	4.2	5.1	5.7	4.4	5.7	5.5	4.6	4.6	4.2	4.0	3.3		
197		2.9		2.9	3.7	4.2	3.1	4.4	5.1	3.1	4.4	4.0	3.3	3.3		
210						2.6		2.9	3.7		3.3	4.0		3.1		
223											3.1			2.6		

					79,366 lbs	lbs x 1,000	SAE								
 ft	196.8 ft + 43.3 ft			196.8 ft + 63.0 ft			196.8 ft + 82.7 ft			196.8 ft + 102.4 ft			196.8 ft + 122.0 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
39	14.3			11.0											
46	14.3			11.0			8.6			6.6					
53	14.3			11.0			8.6			6.6			5.1		
59	14.3	14.3		11.0			8.6			6.6			5.1		
66	14.3	14.3		11.0	11.0		8.6			6.6			5.1		
72	14.3	14.1	13.0	11.0	11.0		8.6			6.6			5.1		
79	14.3	13.4	12.6	11.0	11.0		8.6	8.6		6.6			5.1		
85	14.3	13.0	12.1	11.0	10.8	9.9	8.6	8.6		6.6			5.1		
92	13.9	12.3	11.7	11.0	10.4	9.5	8.6	8.6		6.6	6.2		5.1		
98	13.2	11.9	11.2	11.0	9.9	9.3	8.6	8.4		6.6	6.2		4.9		
105	12.8	11.7	10.8	10.8	9.5	8.8	8.6	7.9	7.5	6.6	6.0		4.9		
112	12.3	11.2	10.6	10.4	9.3	8.6	8.6	7.7	7.1	6.6	6.0		4.9		
118	11.7	10.8	10.4	9.9	8.8	8.4	8.4	7.5	6.8	6.6	5.7		4.6		
125	11.2	10.6	9.9	9.7	8.6	8.2	8.2	7.3	6.6	6.6	5.7		4.6		
131	11.0	10.1	9.7	9.3	8.4	7.9	7.9	7.1	6.4	6.4	5.5		4.4		
144	9.3	9.7	9.3	8.8	7.9	7.5	7.3	6.6	6.2	6.2	5.3		4.4		
158	7.1	7.9	8.8	7.3	7.5	7.1	6.8	6.2	5.7	5.7	5.1		4.2		
171	5.1	6.2	6.6	5.5	6.8	6.8	5.7	5.7	5.5	5.3	4.6		4.0		
184	3.7	4.4	4.6	4.0	5.1	5.7	4.2	5.5	5.3	4.4	4.4		3.7		
197		2.9	3.1	2.6	3.7	4.2	2.9	4.2	5.1	2.9	4.2		3.1		
210						2.6		2.9	3.7		3.3				

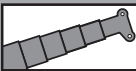
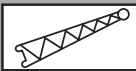
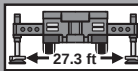
					52,910 lbs	lbs x 1,000	SAE
---	---	---	---	---	-------------------	-------------	------------

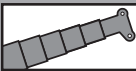
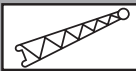
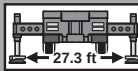
	186.0 ft + 43.3 ft			186.0 ft + 63.0 ft			186.0 ft + 82.7 ft			186.0 ft + 102.4 ft			186.0 ft + 122.0 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
36	17.0														
39	17.0			12.8			9.7								
46	17.0			12.8			9.7			7.7					
53	17.0	16.5		12.8			9.7			7.7			5.3		
59	17.0	16.1		12.8			9.7			7.7			5.3		
66	17.0	15.7	13.7	12.8	12.8		9.7			7.7			5.3		
72	17.0	15.0	13.4	12.8	12.3		9.7			7.7			5.3		
79	16.1	14.3	13.0	12.8	11.7		9.7	9.5		7.7			5.3		
85	15.4	13.7	12.8	12.8	11.2	10.4	9.7	9.3		7.5			5.3		
92	14.8	13.2	12.3	12.3	10.8	9.9	9.7	9.0		7.5	6.4		5.3		
98	14.1	12.8	11.9	11.9	10.4	9.7	9.7	8.8		7.3	6.4		5.3		
105	13.4	12.3	11.5	11.5	10.1	9.3	9.7	8.4	7.7	7.3	6.2		5.1	4.4	
112	11.7	11.9	11.2	11.0	9.7	9.0	9.3	8.2	7.5	7.1	6.0		5.1	4.2	
118	9.9	11.5	10.8	10.4	9.5	8.8	9.0	7.9	7.3	6.8	6.0		4.9	4.2	
125	8.6	9.9	10.6	9.0	9.0	8.6	8.6	7.5	7.1	6.8	5.7	5.3	4.9	4.0	
131	7.1	8.6	9.5	7.5	8.8	8.4	7.9	7.3	6.8	6.6	5.7	5.1	4.6	4.0	
144	4.9	6.2	6.8	5.3	7.1	7.9	5.5	6.8	6.4	5.7	5.5	4.9	4.4	3.7	
158	3.1	4.0	4.6	3.3	4.9	6.2	4.0	5.5	6.2	4.0	5.3	4.6	4.2	3.5	
171			2.6		3.1	4.0		4.0	5.1	2.4	4.6	4.4	2.4	3.5	
184						2.4		2.4	3.3		2.9	4.2		3.3	
197											2.9				

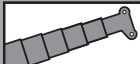
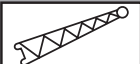
					52,910 lbs	lbs x 1,000	SAE
---	---	---	---	---	-------------------	-------------	------------

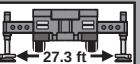
	196.8 ft + 43.3 ft			196.8 ft + 63.0 ft			196.8 ft + 82.7 ft			196.8 ft + 102.4 ft			196.8 ft + 122.0 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
39	14.3			11.0											
46	14.3			11.0			8.6			6.6					
53	14.3			11.0			8.6			6.6			5.1		
59	14.3	14.3		11.0			8.6			6.6			5.1		
66	14.3	14.3		11.0	11.0		8.6			6.6			5.1		
72	14.3	14.1	13.0	11.0	11.0		8.6			6.6			5.1		
79	14.3	13.4	12.6	11.0	11.0		8.6	8.6		6.6			5.1		
85	14.3	13.0	12.1	11.0	10.8	9.9	8.6	8.6		6.6			5.1		
92	13.9	12.3	11.7	11.0	10.4	9.5	8.6	8.6		6.6	6.2		5.1		
98	13.2	11.9	11.2	11.0	9.9	9.3	8.6	8.4		6.6	6.2		4.9		
105	12.8	11.7	10.8	10.8	9.5	8.8	8.6	7.9	7.5	6.6	6.0		4.9		
112	11.7	11.2	10.6	10.4	9.3	8.6	8.6	7.7	7.1	6.6	6.0		4.9		
118	9.9	10.8	10.4	9.9	8.8	8.4	8.4	7.5	6.8	6.6	5.7		4.6		
125	8.2	9.7	9.9	8.6	8.6	8.2	8.2	7.3	6.6	6.6	5.7		4.6		
131	7.1	8.6	9.5	7.5	8.4	7.9	7.7	7.1	6.4	6.4	5.5		4.4		
144	4.9	5.7	6.8	5.1	6.8	7.5	5.3	6.6	6.2	5.5	5.3		4.4		
158	2.9	4.0	4.6	3.3	4.9	5.7	3.7	5.5	5.7	3.7	5.1		4.0		
171			2.6		2.9	4.0		3.7	5.1		4.4				
184								3.3			2.6				

Lifting capacities / Capacidades de elevación

				 HYDRO		 ← 27.3 ft →		 360°		26,455 lbs		lbs x 1,000			SAE	
 ft	186.0 ft + 43.3 ft			186.0 ft + 63.0 ft			186.0 ft + 82.7 ft			186.0 ft + 102.4 ft			186.0 ft + 122.0 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
36	17.0															
39	17.0			12.8			9.7									
46	17.0			12.8			9.7									
53	17.0	16.5		12.8			9.7									
59	17.0	16.1		12.8			9.7									
66	17.0	15.7	13.7	12.8	12.8		9.7									
72	16.3	15.0	13.4	12.8	12.3		9.7									
79	13.9	14.3	13.0	12.8	11.7		9.7	9.5								
85	12.1	13.7	12.8	11.9	11.2	10.4	9.7	9.3								
92	10.4	12.1	12.3	10.4	10.8	9.9	9.7	9.0								
98	8.6	10.6	11.9	9.0	10.4	9.7	8.4	8.8								
105	7.1	8.8	10.1	7.5	9.9	9.3	7.3	8.4	7.7							
112	5.5	7.3	8.6	6.2	8.6	9.0	6.2	8.2	7.5							
118	4.2	5.7	7.1	4.6	7.1	8.8	5.1	7.9	7.3							
125	3.1	4.6	5.5	3.7	5.5	7.3	4.0	6.6	7.1							
131		3.3	4.4	2.4	4.4	6.0	2.9	5.3	6.8							
144					2.4	3.7		3.1	5.1							
158								3.1	3.1							

					26,455 lbs	lbs x 1,000	SAE								
 ft	196.8 ft + 43.3 ft			196.8 ft + 63.0 ft			196.8 ft + 82.7 ft			196.8 ft + 102.4 ft			196.8 ft + 122.0 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
39	14.3			11.0											
46	14.3			11.0			8.6								
53	14.3			11.0			8.6								
59	14.3	14.3		11.0			8.6								
66	14.3	14.3		11.0	11.0		8.6								
72	14.3	14.1	13.0	11.0	11.0		8.6								
79	13.4	13.4	12.6	11.0	11.0		8.6	8.6							
85	11.2	13.0	12.1	11.0	10.8	9.9	8.6	8.6							
92	9.9	12.3	11.7	9.7	10.4	9.5	8.6	8.6							
98	8.6	10.6	11.2	8.4	9.9	9.3	7.9	8.4							
105	7.1	8.8	9.7	7.1	9.5	8.8	7.1	7.9	7.5						
112	5.3	7.3	8.2	5.7	8.4	8.6	6.0	7.7	7.1						
118	4.2	5.7	6.8	4.6	6.8	8.4	4.9	7.5	6.8						
125	2.9	4.4	5.5	3.3	5.5	7.3	3.7	6.4	6.6						
131		3.1	4.4		4.4	5.7		5.3	6.4						
144						3.7		3.1	5.1						
158									2.9						

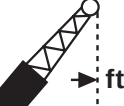





0 lbs

lbs x 1,000

SAE

 ft	186.0 ft + 43.3 ft			196.8 ft + 43.3 ft					
	0°	20°	40°	0°	20°	40°			
36	17.0								
39	17.0			14.3					
46	17.0			14.3					
53	15.7	16.5		14.3					
59	12.3	15.7		11.9	14.3				
66	10.1	12.6	13.7	9.7	12.1				
72	8.2	10.6	12.3	7.7	10.1	11.9			
79	6.4	8.6	10.6	2.6	8.4	10.1			
85	4.6	6.8	8.8		6.6	8.4			
92		5.1	7.1		4.9	6.6			
98			5.3			5.1			
105			4.0						

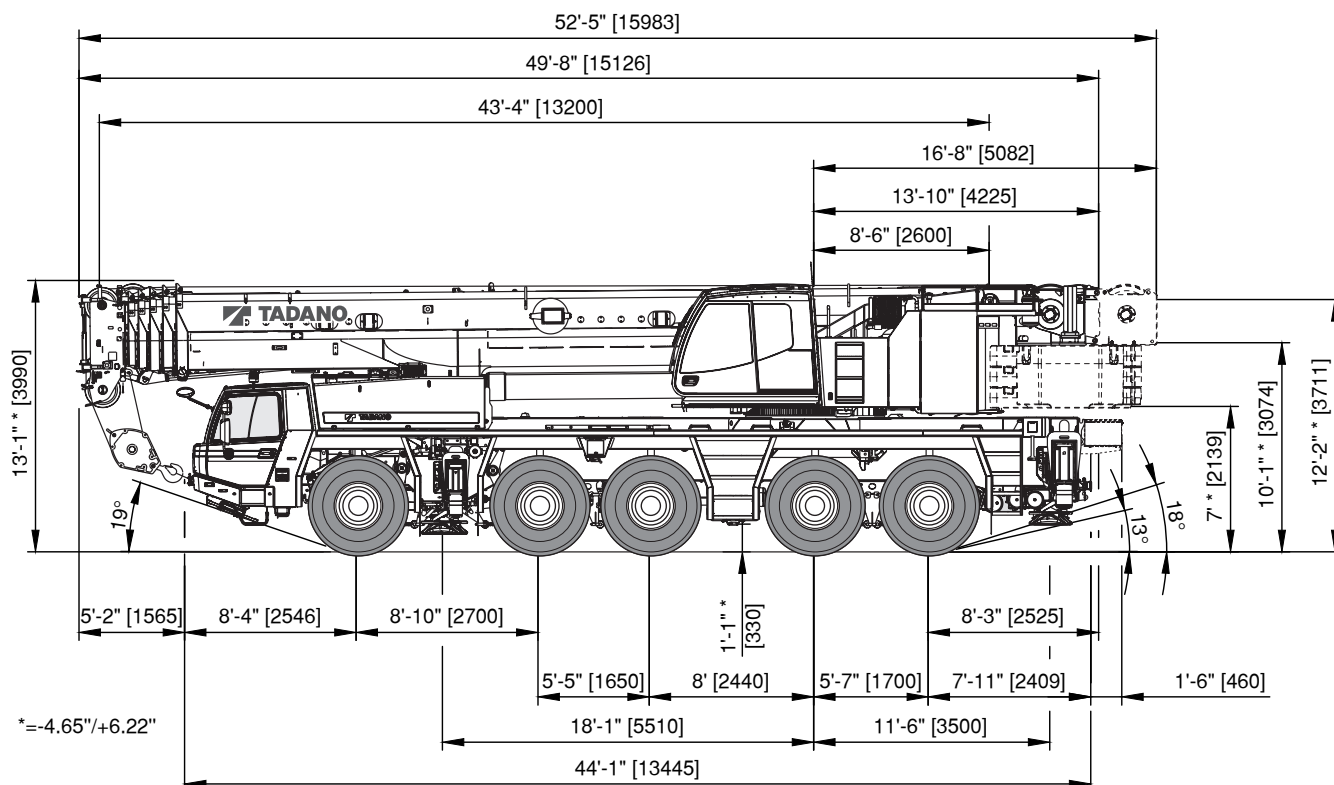
Axle weight distribution chart / Distribución de pesos por ejes

	Axle Eje	1	2	3	4	5	Total weight Peso total
	Tires 445/95 R 25 (16.00 R 25) [lbs]	26,455	26,455	26,455	26,455	26,455	132,277*
	Tires 525/80 R 25 (20.50 R 25) [lbs]	26,662	26,662	26,662	26,662	26,662	133,313*

* Incl. 43.3 ft boom extension, 27.6 ton hook block, 11 ton swivel hook, drive 10 x 8
Incl. 43.3 ft plumin, 25 t gancho, 10 t gancho de bola, tracción 10 x 8

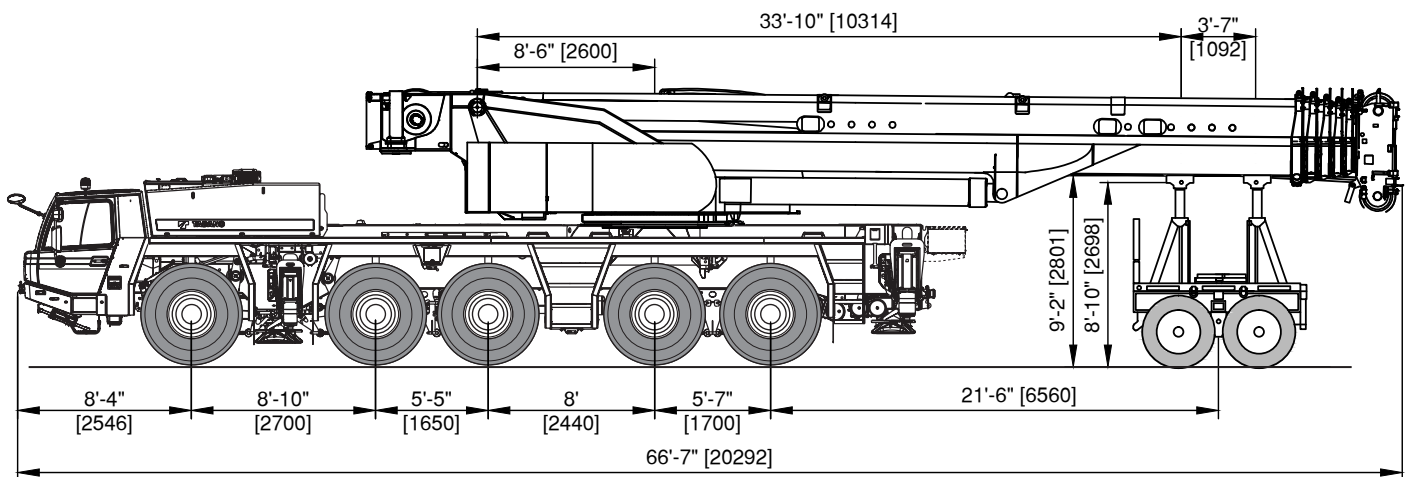
Boom to front	Total [lbs]	Axle 1 [lbs]	Axle 2 [lbs]	Axle 3 [lbs]	Axle 4 [lbs]	Axle 5 [lbs]
Base machine with 16.00 R 25 tires, 10 x 8 drive, air conditioning in carrier and superstructure, no counterweight, no driver, no fuel	124,296	23,913	23,866	25,439	25,617	25,461
Fuel in carrier	992	92	91	274	268	268
Fuel in superstructure	441	-69	-68	196	191	191
Driver in carrier	198	150	148	-34	-33	-33
27.6 ton (25.0 t)* (1 sheave) hook block at boom head	662	628	622	-199	-194	-194
43.3 ft / 63 ft boom extensions	3,539	1,870	1,852	-62	-61	-61
43.3 ft / 63 ft hydraulically boom extensions	4,044	2,369	2,346	-227	-222	-222
Auxiliary winch with cable	3,043	-1,444	-1,430	2,005	1,956	1,956
Auxiliary boom point sheave (single top)	187	189	187	-64	-62	-62
2 nd oil cooler	101	-12	-12	42	41	41
20.50 R 25 tires in lieu of 16.00 R 25	1,036	207	207	207	207	207
Eddy-current brake	827	128	127	194	189	189
Tool box at rear	154	-66	-66	97	95	95

* Metric

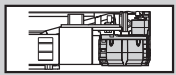


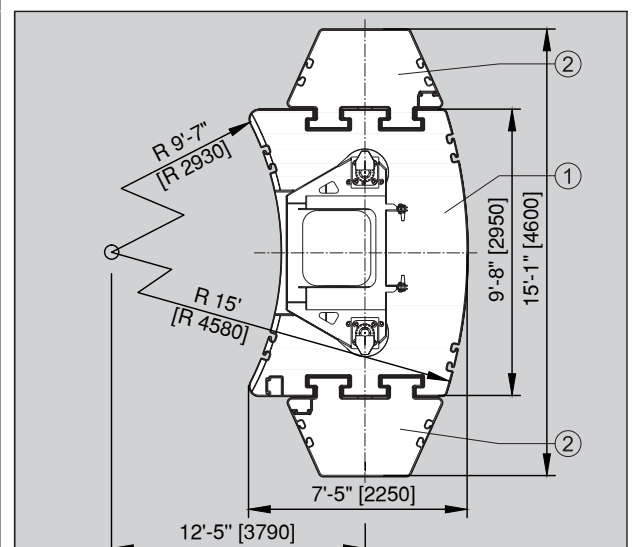
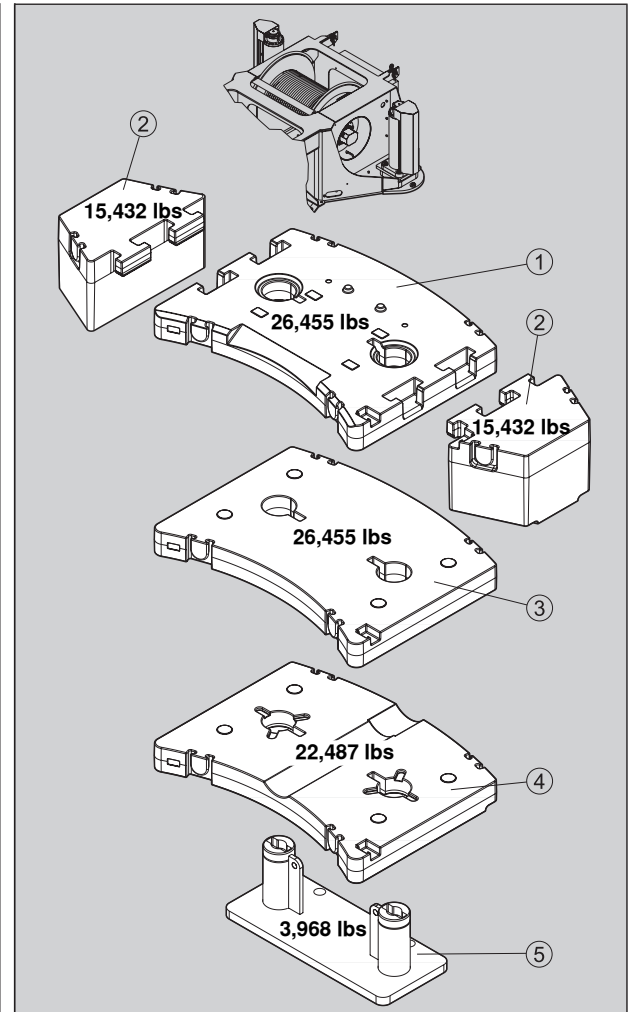
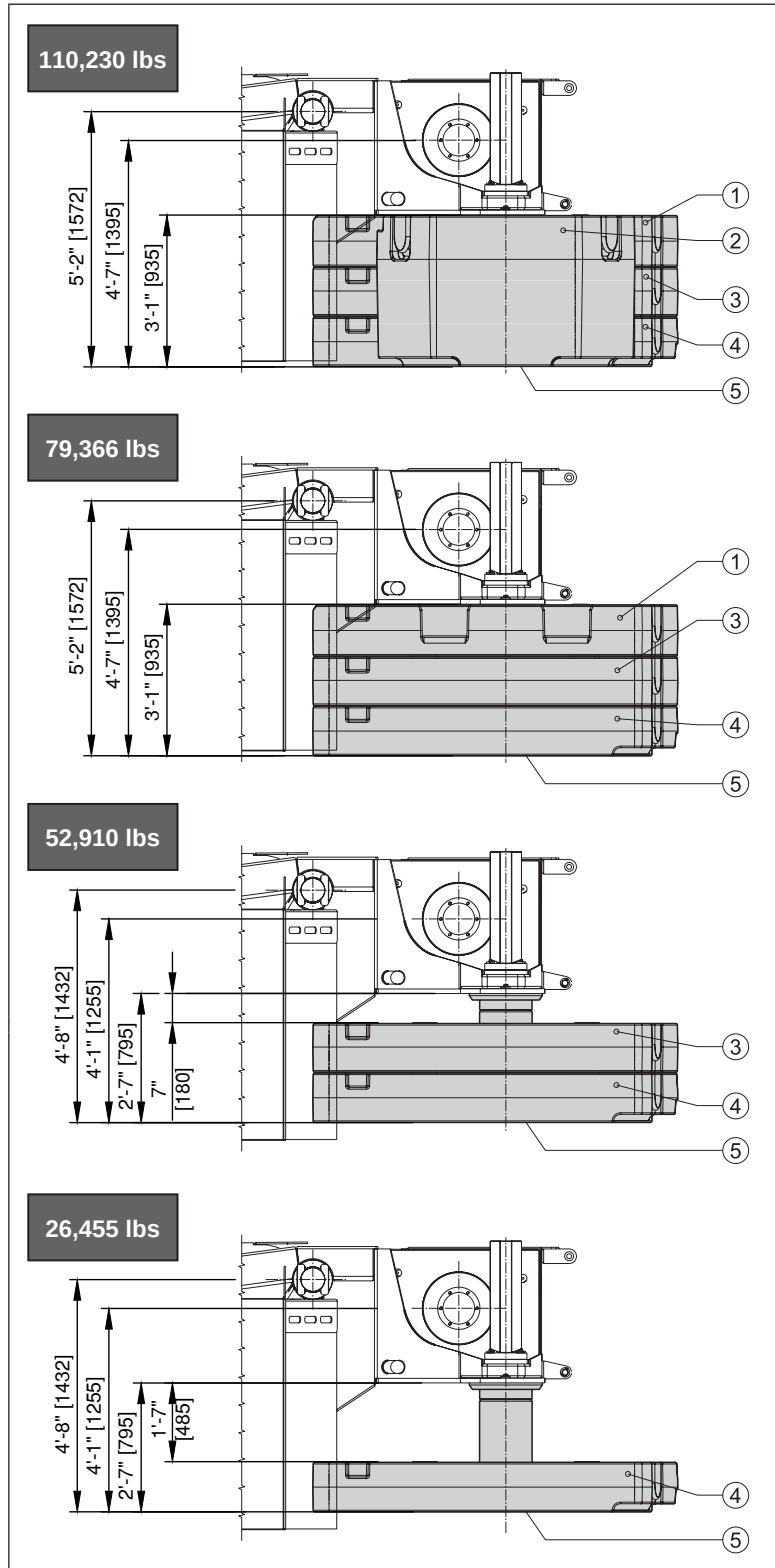
Axle weight distribution chart / Distribución de pesos por ejes

Boom in dolly, 35.6 ft behind boom pivot point	Total [lbs]	Axle 1 [lbs]	Axle 2 [lbs]	Axle 3 [lbs]	Axle 4 [lbs]	Axle 5 [lbs]	Dolly [lbs]
Base machine with 16.00 R 25 tires, 10 x 8 drive, air conditioning in carrier and superstructure, dolly support, swing and elevation free, no counterweight, no fuel	124,532	18,071	18,081	21,588	21,861	21,891	23,225
Dolly	5,000-5,500	0	0	0	0	0	5,000-5,500
Fuel in carrier	992	92	91	274	268	268	
Fuel in superstructure	441	46	46	118	115	115	
Driver in carrier	198	150	148	-34	-33	-33	
43.3 ft / 63 ft boom extensions	3,539	188	186	154	151	151	2,710
43.3 ft / 63 ft hydraulically boom extensions	4,044	165	163	136	132	132	3,316
Auxiliary winch with cable	3,043	1,288	1,275	163	159	159	
Auxiliary boom point sheave (single top)	187	-9	-9	-8	-7	-7	229
2 nd oil cooler	101	7	7	30	29	29	
20.50 R 25 tires in lieu of 16.00 R 25	1,036	207	207	207	207	207	
Eddy-current brake	827	128	127	194	189	189	
Tool box at rear	154	-66	-66	97	95	95	



Counterweight versions / Variaciones de contrapeso

	Counterweight Contrapeso	1x	2x	1x	1x	1x
		①	②	③	④	⑤
	[lbs]	26,455	15,432	26,455	22,487	3,968





Frame Torsion-resistant, welded construction made from high strength, fine grained steel. Central lubricating system.

Outriggers 4 point, double telescopic hydraulic outriggers with controls on both sides of carrier and in superstructure cab. Outrigger base 27'-3" (8.3 m) {18'-4" (5.6 m) mid extension} x 29'-8" (9.01 m).

Carrier engine Mercedes-Benz 8 cylinder model OM 502 LA (Euromot III b/Tier 4i), water-cooled diesel engine. Rated at 405 kW (551 HP) at 1,800 rpm. Torque 1,918 ft-lbs (2,600 Nm / 265 kpm) at 1,300 rpm. Engine rating according to 80 / 1269 / EWG. Fuel tank 142.65 gal (540 l). DEF tank 10.83 gal (40 l).

Transmission ZF-AS-Tronic 16 AS 2602 mechanical transmission with integrated interarder, electro-pneumatically operated dry-type clutch and automatic gear shifting with 16 forward gears and 2 reverse gears. Power / Economy modes.

Transfer Case Two stage.

Drive 10 x 8 (10 x 6 optional*)

Axles

1st axle: steered, driven (*not driven).

2nd axle: steered, driven.

3rd axle: steered, not driven.

4th axle: steered, driven, with longitudinal differential lock.

5th axle: steered, driven.

All driven axles with transverse differential locks.

Suspension Hydro-pneumatic with levelling adjustment.

Brake system Service brakes: dual circuit compressed air system with air dryer. Parking brake: spring loaded type acting on 2nd, 4th and 5th axle. Auxiliary brakes: interarder with brake control, engine exhaust brake and constant throttle engine brake system.

Tires (10) 445/95 R 25 (16.00 R 25), width 9'-10" (3.00 m).
(10) 525/80 R 25 (20.50 R 25), width 10'-6" (3.20 m).

Steering system ZF-Servocom, dual circuit hydraulic steering with emergency steering pump, mechanical hydraulically-assisted steering of front two axles and automatic steering of the 3rd and 4th axle up to a travel speed of 15.5 mph (25 km/h) and of the 5th axle up to 31.1 mph (50 km/h).

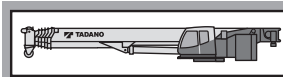
Carrier cab Two man full width cab of composite (steel sheet metal and fibre-glass) structure, with safety glass, air cushioned adjustable seats (driver seat with heater) and engine based water heater, radio/CD-player, complete controls and instrumentation for road travel. Cruise control with hill breaking feature functions.

Electrical system 24 volt DC system, 2 batteries, CAN-Bus system with CSS integrated self-diagnosis system, outrigger area lighting, 2 rotating beacons, reverse alarm. Electrical system conforms with European standard regulations.

Optional Equipment (at extra charge)

Towing attachment, engine independent additional cab heater with engine pre-heat, air conditioning, ABS, 525/80 R 25 (20.50 R 25) tires, spare wheel and tire, special painting and lettering.

Further optional equipment available upon request.



Frame Torsion resistant, all welded structure of high strength steel. Connected to carrier by single-row ball-bearing slewing ring with external gearing for 360° continuous rotation. Central lubricating system.

Superstructure engine Mercedes-Benz 4 cylinder model OM 924 LA (Euromot III b/Tier 4i), water-cooled, diesel engine. Rated at 129 kW (175 HP) at 2,200 rpm. Torque 498 ft-lbs (675 Nm / 69 kpm) at 1,200 - 1,600 rpm. Engine rating according to 80/1269/EWG. Fuel tank 66 gal (250 l). DEF tank 2.11 gal (8 l).

Hydraulic system Three circuit diesel hydraulic system with 1 power controlled double axial piston pump (hydraulically adjustable) and 1 axial piston pump, oil cooler.

Controls Electrical, 2 joy-stick levers for simultaneous operation of crane motions.

Telescopic boom 6 sections, made of high tensile, fine-grained steel, consisting of 1 base section and 5 telescoping sections extended by means of a single telescopic cylinder. All telescope sections extendable under partial load. 43.3 ft (13.2 m) to 196.8 ft (60.0 m) long. Boom head with 7 sheaves

Derricking system 1 double acting hydraulic cylinder with integral brake and holding valve.

Main winch Axial piston motor, winch drum with integrated planetary reduction and hydraulically controlled spring loaded multiple disc brake and integrated free rotation (no sagging of load when hoisting). Hoist cable with 'Super-Stop' easy reeving system.

Slewing system Axial piston motor with three-stage planetary gear equipped with a foot actuated or automatic service brake and a parking brake. Open circuit with free slewing function. Speed infinitely variable 0 - 1.2 rpm.

Counterweight Total 110,230 lbs divisible, assembled and disassembled by hydraulic cylinders controlled from super-structure cab.

Superstructure cab Spacious panoramic cab of composite structure with safety (tinted) glass windows, tiltable cockpit with hydraulically cushioned adjustable seat with heater, engine based water heater, engine independent additional heater with engine pre-heat, air conditioning, radio/CD-player. Complete controls and instrumentation plus LCD graphic display for crane operation.

Electrical system 24 volt DC system, 2 batteries.

Safety devices 'Lift Adjuster' to prevent dangerous swinging of the load, load moment device (LMD), anemometer, working area limiter, hoist limit switch, lower limit switch and drum turn indicator, safety valves against pipe and hose rupture, holding valves on hydraulic cylinders.

Optional Equipment (at extra charge)

Boom extensions 43.3 ft to 122 ft, offsets 0°, 20° and 40° or hydraulically 0° - 40° (17.7 ft integrated heavy duty jib + 25.6 ft tip section + 4 inserts à 20 ft x 2 ft x 3.6 ft weight 970 lbs, boom extensions HTLJ 34 ft to 74.8 ft (hydraulically offsets and telescopicable 0° - 60°), LMD-programme for 26,455 lbs, 52,910 lbs and 79,366 lbs counterweight, 11 t swivel hook, selection of hook blocks 27.6 t - 137.7 t, auxiliary winch (same as main winch), additional oil cooler, special painting and lettering, outrigger load display.

Further optional equipment available upon request.

Equipo



Chasis portante Construcción de acero de alta resistencia soldado, resistente a la torsión y a la flexión. Sistema de engrase central.

Estabilizadores Estabilizadores hidráulicos de 4 puntos. Posibilidad de manejo desde ambos lados del chasis portante y desde la cabina de la grúa. Extensión de los estabilizadores: 8,3 m (y 5,6 m) x 9,01 m.

Motor Mercedes Benz modelo OM 502 LA (Euromot III b/ Tier 4i), 8 cilindros, diesel, refrigerado por agua. Nominal 405 kW (551 CV) a 1800 min⁻¹. Par 2600 Nm (265 kpm) a 1300 min⁻¹. Potencia del motor según 80 / 1269 / EWG. Depósito de combustible de 540 l. Depósito AdBlue 40 l.

Transmisión Transmisión mecánica tipo ZF-AS Tronic modelo 16 AS 2602 con interarder integrado, accionamiento electro - neumático embrague en seco y cambio automático, 16 marchas delanteras y 2 marchas traseras. Modo rendimiento máximo / económico.

Transmisión Caja de distribución (transfer) con 2 relaciones de velocidad.

Tracción 10 x 8 (10 x 6 como opción*)

Ejes

- 1º eje: de dirección, accionado (*no accionado), con bloqueo diferencial transversal.
- 2º eje: de dirección, accionado, conectar según necesidad, con bloqueo diferencial transversal.
- 3º eje: de dirección, no accionado.
- 4º eje: de dirección, accionado, con bloqueo diferencial longitudinal y transversal.
- 5º eje: de dirección, accionado, con bloqueo diferencial transversal.

Suspensión Suspensión hidroneumática con regulación de nivel.

Sistemas de frenos Accionamiento neumático de doble circuito con secador de aire. Freno de estacionamiento del tipo muelles cargados, liberados por aire, sobre los ejes 2o, 4o y 5o. Intarder / sistema automático de frenado y freno continuo: Sistema estrangulador y sobre el escape del motor diesel.

Neumáticos 10 x 445 / 95 R 25 (16.00 R 25), (ancho 3.00 m).
10 x 525 / 80 R 25 (20.50 R 25), (ancho 3.20 m).

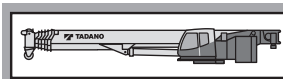
Dirección Hidráulica ZF Servocom de doble circuito con bomba auxiliar de dirección. Dirección mecánica del 1o y 2o eje y direccionable del 3o y 4o eje hasta una velocidad de 25 km / h y del 5o eje hasta una velocidad de conducción de 50 km / h.

Cabina Cabina para dos personas, en construcción de acero y fibra de vidrio. Cristales de seguridad, asiento con suspensión neumática, asiento de conductor calefactado. Calefacción por agua caliente del motor, radio -CD-player. Elementos de control e instrumentos para circulación por carretera. Regulador de velocidad, sistema automático de frenado.

Sistema eléctrico Sistema de 24 V c.c. con dos baterías, conexiones eléctricas integradas en el sistema CAN-Bus, sistema integrado de diagnóstico CSS. Faros de trabajo en los estabilizadores, 2 luces rotativas, alarma de marcha atrás. El sistema eléctrico cumple la normativa CEE.

Equipo adicional (con suplemento de precio)
Embrague de remolque, calefacción adicional con precalentamiento del motor, climatización, ABS, neumáticos 525 / 80 R 25 (20.50 R 25), rueda de repuesto, pintura especial y rotulación.

Otros equipamientos sobre pedido.



Superestructura Construida en aceros soldados, resistente a la torsión. Corona de giro con rodamiento de una fila de bolas con dientes externos para giro continuo a 360°. Sistema de engrase central.

Motor Mercedes Benz modelo OM 924 LA (Euromot III b/Tier 4i), 4 cilindros, diesel, refrigerado por agua. Las revoluciones aumentan de forma gradual accionando el acelerador. Nominal 129 kW (175 CV) a 2200 min⁻¹. Par 675 Nm (69 kpm) a 1200 - 1600 min⁻¹. Potencia del motor según 80 / 1269 / EWG. Depósito de combustible de 250 l. Depósito AdBlue 8 l.

Sistema hidráulico Sistema hidráulico de 3 circuitos, 1 bomba doble de pistones axiales de caudal variable (regulable hidráulicamente) y una bomba de pistones axiales, enfriador de aceite.

Mandos 2 palancas de control de tipo joy-stick para movimientos simultáneos de la grúa (4 direcciones), asistidos eléctricamente.

Pluma telescópica 6 secciones, un tramo base y 5 telescópicos de acero de alta resistencia soldado, 1 cilindro hidráulico, los tramos se pueden telescopar hidráulicamente bajo carga. Longitud de 13,2 m a 60,0 m. Cabeza de pluma con 7 poleas.

Elevación de pluma Mediante un cilindro hidráulico de doble efecto con válvula de retención integrada.

Cabrestante principal Motor hidráulico de pistones axiales y caudal fijo. Tambor del cabrestante con reducción planetaria y frenos de disco múltiples accionado, con sistema libre de elevación. Cable de elevación con sistema fácil de guiado y 'Super-Stop'.

Sistema de giro Motor hidráulico de pistones axiales con reducción planetaria de tres etapas. Freno de giro controlado por pedal y freno de giro automático de bloqueo. Circuito abierto con mecanismo de giro libre con posibilidad de desconexión. Velocidad de giro gradual de 0 a 1,2 min⁻¹.

Contrapeso Peso total 50 t divisible, se acciona desde la cabina de la grúa.

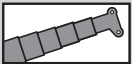
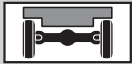
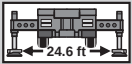
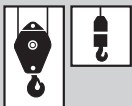
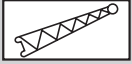
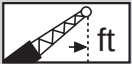
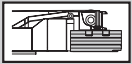
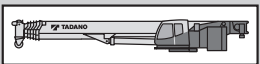
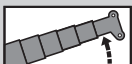
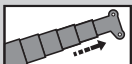
Cabina de la grúa Cabina espaciosa y confortable, en construcción de acero y fibra de vidrio, con cristales tintados de seguridad. Asiento de operador regulable amortiguado hidráulicamente, inclinable junto con los instrumentos y mandos, asiento calefactado. Calefacción por agua caliente del motor y calefacción adicional con precalentamiento del motor, climatización, radio -CD-player. Controles, instrumentos y mandos de conducción como display digital LCD para la operación de la grúa.

Sistema eléctrico Sistema de 24 V c.c. con dos baterías.

Medidas de seguridad 'Lift Adjuster' elevación de cargas sin balanceo, limitación del momento de carga (LMC), anemómetro, limitación del área de trabajo, interruptor de final de elevación, interruptor de 3 últimas vueltas en cabrestante, indicador de bajada o subida del cable del cabrestante, válvulas de seguridad para rotura de tubos y latiguillos. Válvulas de retención en los cilindros hidráulicos.

Equipo adicional (con suplemento de precio)
Plumín de 13,2 m a 37,2 m regulable de 0°, 20° y 40° (o hidráulicamente 0° a 40°), compuesto por cabezal de 5,4 m + punta de 7,8 m + cuatro tramos a 6,12 m x 0,64 m x 1,10 m / peso 440 kg, plumín HTLJ de 10,4 m a 22,8 m (hidráulicamente regulable y telescópico 0° 60°), prolongación, programación LMC en el sistema de limitación de cargas, para contrapesos de 12 t, 24 t y 36 t gancho de bola, 10 t gancho de bola, gancho de 25 t a 160 t, 2o cabrestante (similar a cabrestante principal), enfriador adicional, pintura especial y rotulación, control carga (gatos de apoyo).

Otros equipamientos sobre pedido.

	445/95 R 25 (16.00 R 25)	Tires / Size Neumáticos / Tamaño de ruedas		Telescopic boom Pluma telescópica
		Axle load Carga por eje		Outriggers Estabilizadores
		Hook block / Swivel hook Gancho / Gancho de bola	110,230 lbs	Counterweight Contrapeso
	V+	Carrier speeds Velocidades del chasis		Radius Radio
		Transmission / Gear Transmisión / Marchas		Boom extension Plumin
		Gradeability Superacion de pendientes		Boom extension hydraulically Plumin hidráulicamente
		Off road Todo terreno		Radius Radio
		On road En carretera		Counterweight versions Variaciones de contrapeso
	V+	Superstructure speeds Velocidades de la superestructura		Carrier chasis
	1	Main winch Cabrestante principal		Superstructure superestructura
	2	Auxiliary winch 2° cabrestante	SAE	The data are for basic information only and the operator's manual must be consulted before operating this crane. All data and performances refer to the standard crane. The addition of optional and other equipment may affect the performance of the crane.
	360°	Slewing system Sistema de giro		Los datos sirven solamente para su información. Hay que leer las instrucciones para el uso antes de la puesta en servicio de la máquina. Todos los datos mencionados en las presentes tablas rigen para los modelos standard. Cualquier modificación del equipo montado puede dar lugar a modificaciones de aquellos valores.
		Derricking system Elevación de pluma		
		Boom telescoping Telescopaje de pluma		



TADANO AMERICA Corporation

4242 West Greens Road, Houston, TX 77066

Phone: 281-869-0030 Fax: 281-869-0040

www.tadanoamerica.com E-mail: sales@tadano-cranes.com

Parts Hotline: 281-869-0033 Service Hotline: 281-869-5925