

ATF 50G-3

55 TON CAPACITY

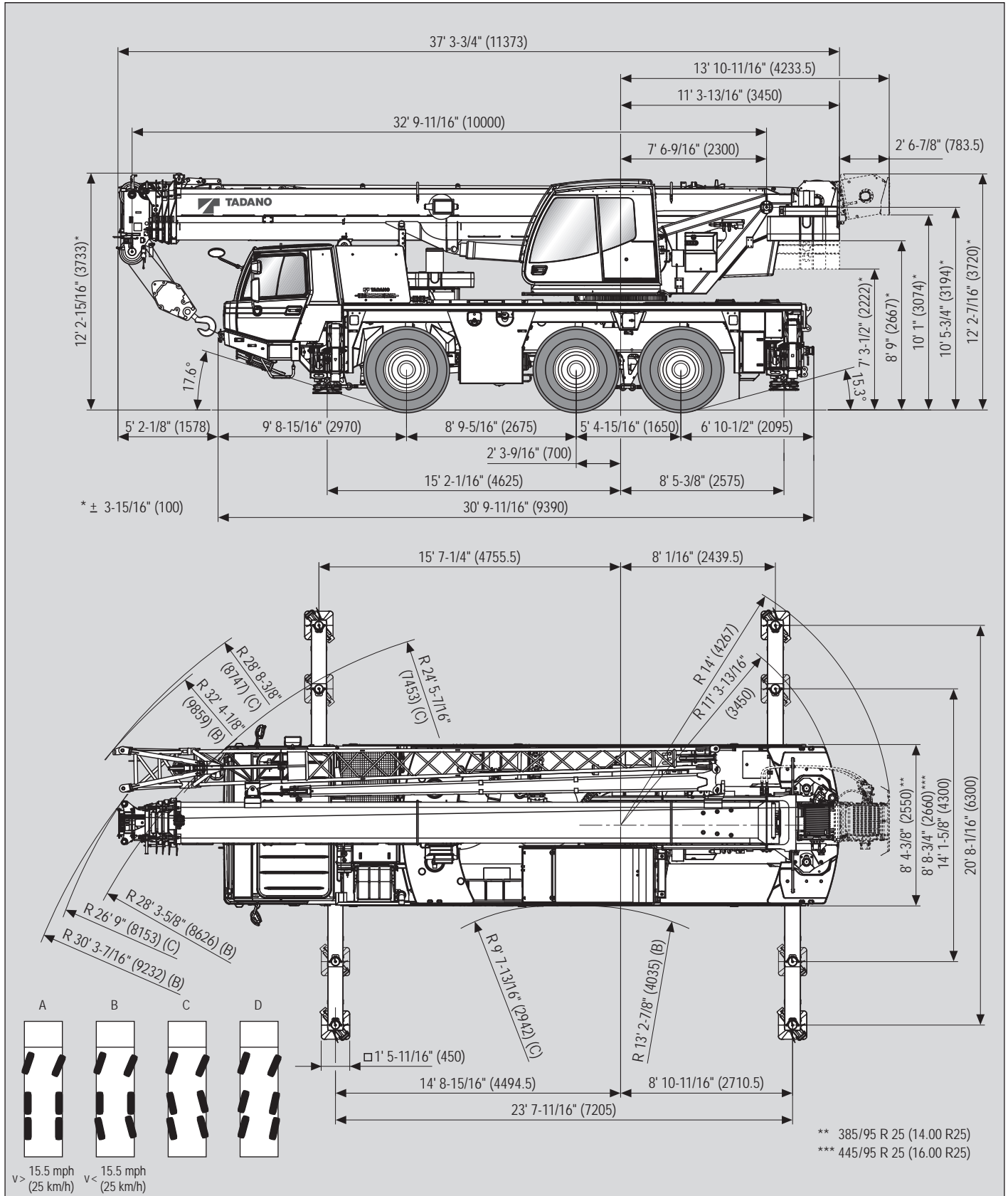
ALL TERRAIN CRANE



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

385/95 R 25 (14.00 R 25)	525/80 R 25 (20.50 R 25)
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SAE



Weights / Working speeds / Pesos / Velocidades de trabajo



	Axle Eje	1	2	3	Total weight Peso total
	Tires 445/95 R 25 (16.00 R 25) [lbs]	26,455	26,455	26,455	79,365*
Tires 525/80 R 25 (20.50 R 25) [lbs]	26,675	26,675	26,675	80,025*	

* Incl. 15,432 lbs counterweight, 29.5 ft / 52.5 ft boom extension, 35.3 t hook block, 6.6 t swivel hook.

* Incl. contrapeso de 7,0 t, 9 m / 16 m plumin, 32 t gancho, 6 t gancho de bola.

	Lifting capacity Capacidad de elevación [lbs]	Sheaves Poleas	Part of line Ramales de cable	Weight Peso [lbs]
	96,400 (Type / Typo 55.1 ton)	5	11	1,060
	63,800 (Type / Typo 35.3 ton)*	3	7	660
	63,800 (Type / Typo 35.3 ton)	3	7	660
	27,600 (Type / Typo 13.8 ton)	1	3	400
9,400 (Type / Typo 6.6 ton)	-	1	330	

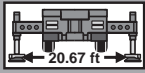
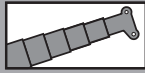
* Rams horn
* Gancho doble



	1	2	3	4	5	6	7	8	9	10	11	12	R1	R2	
	385/95 (14.00) mph	3.1	4.3	5.6	6.8	8.7	11.1	14.9	19.2	24.7	31.7	40.4	52.2	3.7	
445/95 (16.00) 525/80 (20.50) mph	3.7	4.3	6.2	7.4	9.9	13.1	16.1	21.1	27.3	34.8	44.1	52.8	3.7	4.9	59%

V+	Infinitely variable Infinitamente variable	Rope (diameter/length) Cable (diámetro/longitud)	Max. single line pull Trio máximo por ramal
	0 - 394 ft/min 0 - 120 m/min single line ramal simple	0.63"/ 558' 16 mm / 170 m	9,892 lbs 44 kN
	0 - 197 ft/min 0 - 60 m/min single line ramal simple	0.63"/ 558' 16 mm / 170 m	9,892 lbs 44 kN
	Max. permissible line pull may be affected by wire rope strength, which should not exceed 9,400 lbs for main winch and auxiliary winch La fuerza max del cabestrante es dependiente de la normativa en vigor, la cual no permite superar los 42 kN de fuerza.		
	0 - 1.9 rpm		
	-2° - +83°	approx. 40 s aproximadamente 40 s	
	32.8 ft - 131.2 ft 10.0 m - 40.0 m	approx. 100 s aproximadamente 100 s	

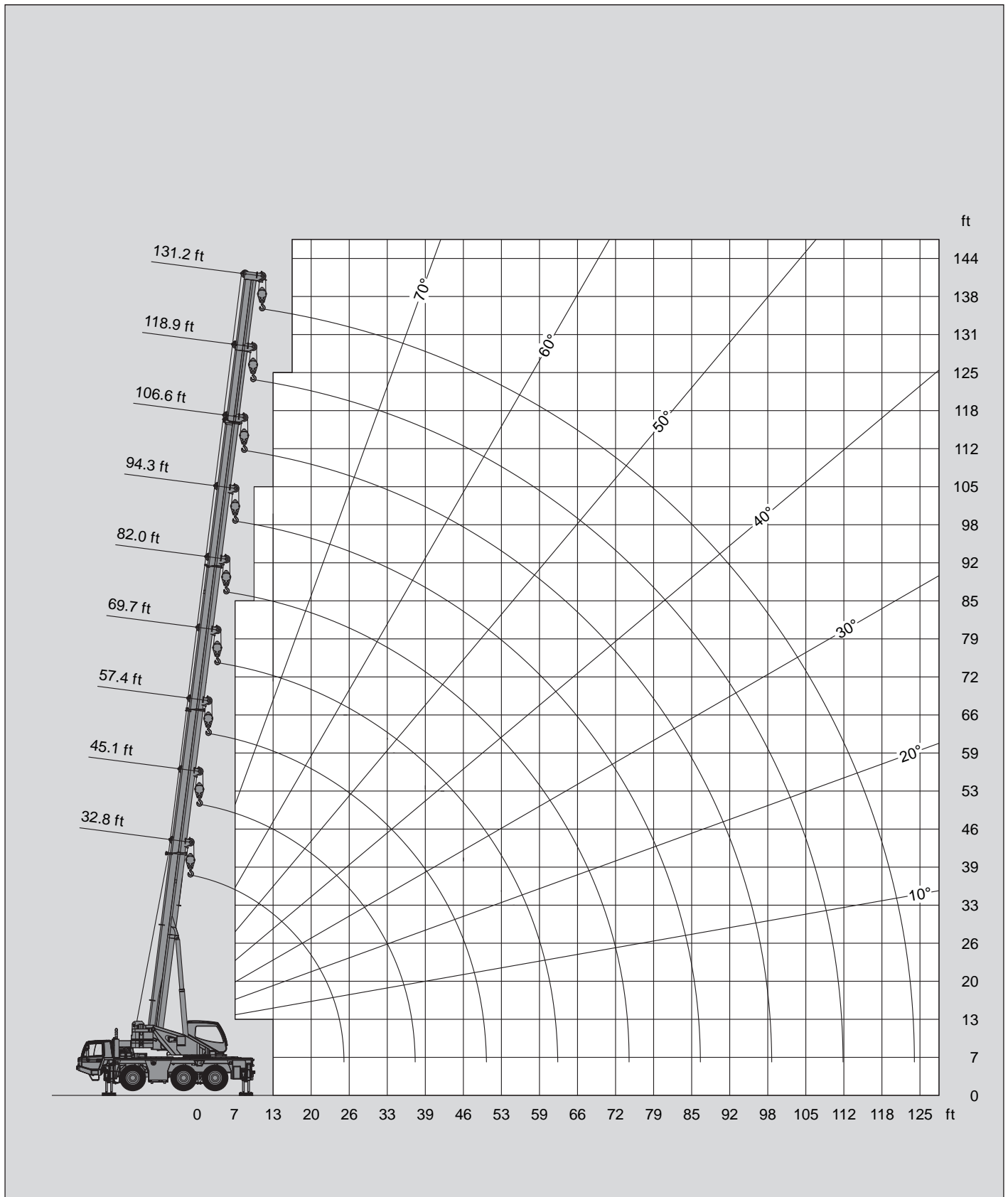
Lifting heights / Alturas de elevación

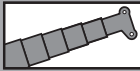
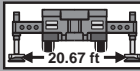



22,046 lbs

lbs x 1,000

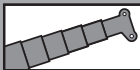
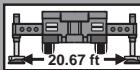

SAE



   22,046 lbs lbs x 1,000 SAE										
ft	32.8 ft*	32.8 ft	45.1 ft	57.4 ft	69.7 ft	82.0 ft	94.3 ft	106.6 ft	118.9 ft	131.2 ft
8	110.0**									
10	100.1**	100.1**								
12	91.7	91.7	66.1	66.1	44.1					
13	84.7	84.7	66.1	66.1	44.1	44.1				
15	78.3	77.4	66.1	63.3	44.1	44.1	38.8			
16	72.3	70.1	66.1	59.3	44.1	44.1	37.9	28.2		
20	59.3	58.6	57.5	52.5	44.1	40.1	34.4	28.2	21.8	
23	49.2	49.2	47.8	47.2	41.7	36.4	31.5	27.3	21.8	16.5
26			43.2	44.1	38.6	33.3	28.9	25.4	21.8	16.5
30			35.9	36.6	35.5	30.4	26.7	23.4	20.9	16.5
33			30.4	30.9	31.3	28.0	24.7	21.8	19.4	16.5
36			26.2	26.7	26.9	24.5	22.9	20.3	18.1	16.1
39				23.4	23.4	20.9	20.9	19.0	17.0	15.2
46				18.1	18.5	17.9	16.5	16.5	15.0	13.4
53					14.8	15.2	13.7	13.4	13.4	11.9
59					12.3	12.6	12.1	10.8	11.2	10.8
66						10.6	10.6	9.5	9.0	9.3
72						8.8	9.0	8.4	7.5	7.7
79							7.7	7.5	6.2	6.6
85							6.6	6.6	5.1	5.5
92								5.7	4.2	4.4
98								5.1	3.5	3.7
105									2.6	3.1
112										2.4
118										1.8

* Over rear / * Sobre la parte trasera

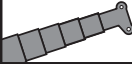
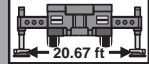

** With additional lifting equipment / ** Con equipo adicional

   15,432 lbs lbs x 1,000 SAE										
ft	32.8 ft*	32.8 ft	45.1 ft	57.4 ft	69.7 ft	82.0 ft	94.3 ft	106.6 ft	118.9 ft	131.2 ft
8	110.0**									
10	100.1**	100.1**								
12	91.7	91.7	66.1	66.1	44.1	44.1				
13	84.7	83.6	66.1	66.1	44.1	44.1	38.8			
15	78.3	75.0	66.1	63.3	44.1	44.1	38.8			
16	70.3	67.9	66.1	59.3	44.1	44.1	37.9	28.2		
20	56.2	56.0	54.9	52.5	44.1	40.1	34.4	28.2	21.8	
23	45.4	45.0	44.1	44.1	41.7	36.4	31.5	27.3	21.8	16.5
26			37.9	38.4	38.4	33.3	28.9	25.4	21.8	16.5
30			30.9	31.5	32.0	28.9	26.7	23.4	20.9	16.5
33			26.2	26.9	27.3	24.5	24.3	21.8	19.4	16.5
36			22.5	23.1	23.1	21.6	21.2	20.3	18.1	16.1
39				20.1	20.5	20.1	18.3	18.5	17.0	15.2
46				15.7	16.1	16.1	15.4	14.6	14.6	13.4
53					13.0	13.0	13.0	12.1	11.5	11.7
59					10.4	10.6	10.8	10.6	9.3	9.5
66						8.6	9.0	8.8	7.5	7.7
72						7.3	7.5	7.5	6.2	6.4
79							6.2	6.4	4.9	5.1
85							5.3	5.3	3.7	4.0
92								4.6	2.9	3.1
98								4.0	2.2	2.4
105									1.5	1.8
112										1.3

* Over rear / * Sobre la parte trasera


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

Lifting capacities / Capacidades de elevación

10,803 lbs

lbs x 1,000 SAE

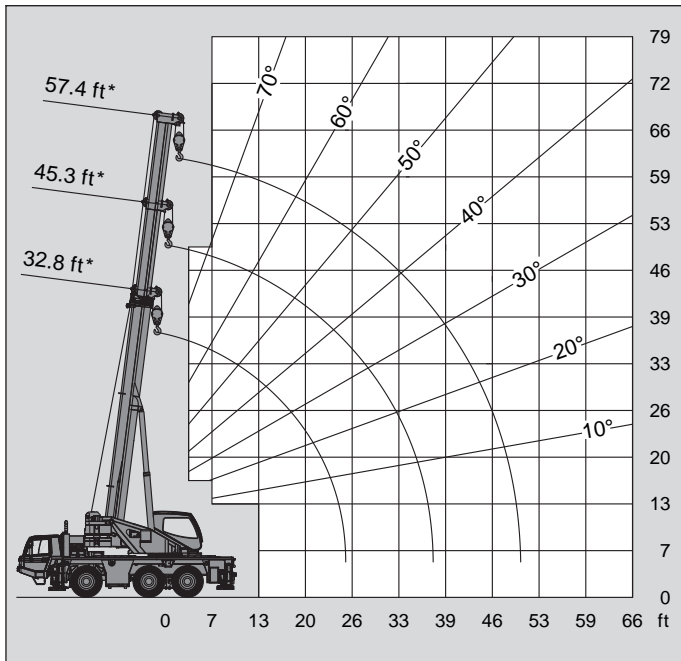
 ft	32.8 ft*	32.8 ft	45.1 ft	57.4 ft	69.7 ft	82.0 ft	94.3 ft	106.6 ft	118.9 ft	131.2 ft
8	110.0**									
10	100.1**	100.1**								
12	91.7	91.7	66.1	66.1	44.1					
13	84.7	81.3	66.1	66.1	44.1	44.1	38.8			
15	76.1	73.0	66.1	63.3	44.1	44.1	38.8			
16	66.8	65.9	64.8	59.3	44.1	44.1	37.9	28.2		
20	54.5	54.5	51.6	46.1	44.1	40.1	34.4	28.2	21.8	
23	41.4	41.0	41.9	42.1	40.8	35.1	31.5	27.3	21.8	16.5
26			33.5	34.2	34.6	30.0	28.7	25.4	21.8	16.5
30			27.6	28.2	28.7	25.6	25.1	23.4	20.9	16.5
33			22.9	23.8	24.3	23.1	21.6	20.9	19.4	16.5
36			19.6	20.3	20.5	20.5	18.7	18.5	18.1	16.1
39				17.4	17.9	17.9	17.4	16.1	16.1	15.2
46				13.4	13.7	13.9	13.9	13.7	12.3	12.8
53					10.6	11.0	11.0	11.2	9.5	9.9
59					8.6	8.8	9.0	9.0	7.5	7.7
66						7.3	7.3	7.5	5.7	6.2
72						5.7	6.2	6.2	4.4	4.6
79							4.9	5.1	3.3	3.5
85							4.0	4.2	2.4	2.6
92								3.3	1.8	2.0
98								2.6		1.3

* Over rear / * Sobre la parte trasera

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

Lifting heights / Alturas de elevación

22,046 lbs lbs x 1,000 **SAE**



Lifting capacities / Capacidades de elevación

22,046 lbs lbs x 1,000 **SAE**

ft	32.8 ft*	45.3 ft*	57.4 ft*
10	25.6	26.2	26.5
12	22.7	23.1	23.6
13	19.4	19.8	20.5
15	17.0	17.6	17.9
16	14.3	14.9	15.3
20	10.9	11.5	11.9
23	8.6	9.3	9.6
26		7.6	7.9
30		6.3	6.6
33		5.4	5.8
36		4.6	5.0
39			4.2
46			3.3

* Superstructure locked / * Bloqueo de superestructura

15,432 lbs lbs x 1,000 **SAE**

ft	32.8 ft*	45.3 ft*	57.4 ft*
10	20.1	20.9	21.4
12	16.8	17.4	17.9
13	14.3	14.8	15.2
15	12.1	12.8	13.2
16	10.6	11.0	11.5
20	8.2	8.8	9.3
23	6.6	7.1	7.5
26		5.7	6.2
30		4.9	5.3
33		4.2	4.4
36		3.5	3.7
39			3.3

* Superstructure locked / * Bloqueo de superestructura

10,803 lbs lbs x 1,000 **SAE**

ft	32.8 ft	45.3 ft	57.4 ft
10	14.3	15.2	15.7
12	12.1	13.0	13.4
13	10.4	11.0	11.5
15	9.0	9.7	10.1
16	7.7	8.4	8.8
20	6.0	6.6	6.8
23	4.6	5.3	5.7
26		4.2	4.6
30		3.5	4.0
33		2.9	3.3
36		2.4	2.9
39			2.4
46			1.5

Lifting heights / Alturas de elevación

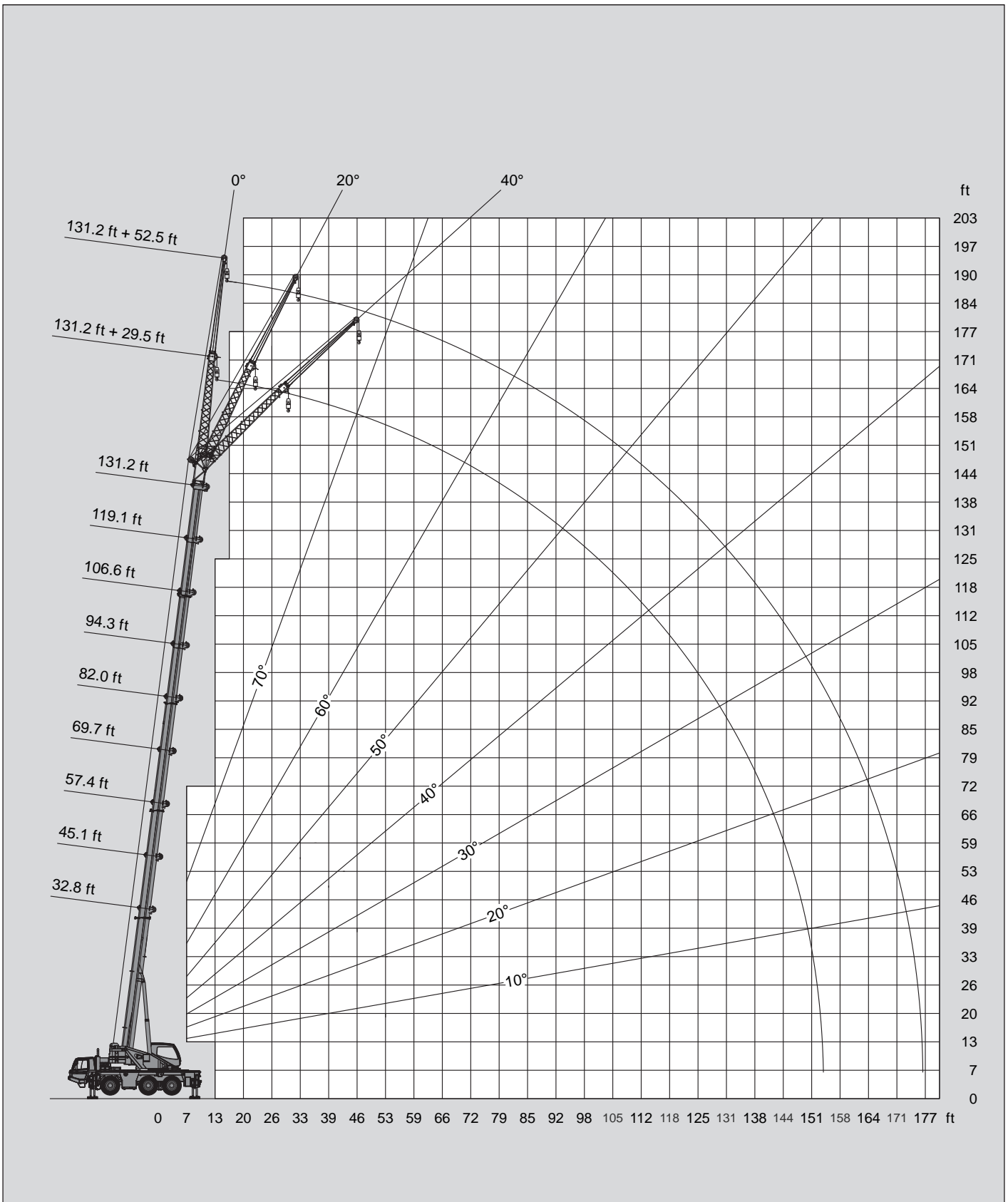





22,046 lbs

lbs x 1,000

SAE

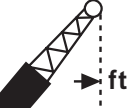







22,046 lbs

lbs x 1,000 SAE

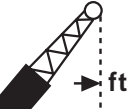
 ft	32.8 ft + 29.5 ft			106.6 ft + 29.5 ft			119.1 ft + 29.5 ft			131.2 ft + 29.5 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	19.4											
12	19.4											
13	19.4	14.1										
15	19.0	13.4										
16	17.9	13.0										
20	15.9	11.9		12.8								
23	14.3	11.0	9.3	12.8								
26	13.0	10.4	8.6	12.8			9.5					
30	11.9	9.7	8.4	12.8			9.5			8.2		
33	11.0	9.0	7.9	12.8	11.7		9.5			8.2		
36	10.1	8.6	7.7	12.6	11.2		9.5	9.5		8.2		
39	9.5	8.2	7.5	11.9	10.8	8.8	9.5	9.5		8.2	8.2	
46	8.2	7.5	7.1	11.0	10.1	8.4	9.5	8.8	8.2	8.2	7.7	7.5
53	7.1	6.8		9.9	9.5	8.2	8.8	8.2	7.7	7.7	7.3	7.1
59				9.0	8.8	7.9	7.9	7.7	7.3	7.1	6.8	6.6
66				8.2	8.2	7.7	7.3	7.1	6.8	6.4	6.4	6.2
72				7.1	7.5	7.5	6.6	6.6	6.6	6.0	6.0	5.7
79				6.0	6.6	6.6	6.0	6.2	6.2	5.3	5.5	5.5
85				5.1	5.5	5.7	5.3	5.5	5.7	4.9	5.1	5.1
92				4.2	4.6	4.9	4.2	4.9	5.1	4.4	4.4	4.6
98				3.1	3.7	4.0	3.3	4.0	4.2	3.3	3.7	4.2
105				2.4	2.9	2.9	2.6	2.9	3.1	2.6	3.1	3.3
112				2.0	2.2		2.0	2.4	2.4	2.0	2.4	2.6
118				1.3	1.5		1.5	1.8		1.5	1.8	2.0
125								1.3			1.3	



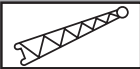



22,046 lbs

lbs x 1,000 SAE

 ft	32.8 ft + 52.5 ft			106.6 ft + 52.5 ft			119.1 ft + 52.5 ft			131.2 ft + 52.5 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	9.7											
12	9.7											
13	9.7											
15	9.7											
16	9.7											
20	9.5											
23	8.8											
26	8.2			6.6								
30	7.7	6.2		6.6			6.0					
33	7.3	6.0		6.6			6.0			5.1		
36	6.8	5.7		6.6			6.0			5.1		
39	6.4	5.3		6.6			6.0			5.1		
46	5.7	4.9	4.2	6.6	5.3		6.0			5.1		
53	5.1	4.4	4.0	6.4	5.1		6.0	4.9		5.1	4.6	
59	4.4	4.0	3.5	6.0	4.9	4.2	5.7	4.6		5.1	4.6	
66	4.0	3.5	3.3	5.7	4.6	4.0	5.5	4.4	4.0	5.1	4.4	
72	3.5	3.3		5.5	4.4	3.7	5.3	4.4	3.7	5.1	4.2	3.7
79				5.1	4.2	3.7	5.1	4.2	3.7	4.6	4.2	3.7
85				4.9	4.0	3.5	4.9	4.0	3.5	4.4	4.0	3.5
92				4.6	4.0	3.5	4.6	4.0	3.5	4.2	3.7	3.5
98				4.0	3.7	3.5	4.0	3.7	3.3	3.7	3.7	3.3
105				3.1	3.7	3.3	3.1	3.5	3.3	3.1	3.5	3.3
112				2.6	3.1	3.3	2.4	3.1	3.3	2.4	3.1	3.3
118				2.0	2.6	2.9	2.0	2.6	2.9	2.0	2.6	3.1
125				1.5	2.0	2.2	1.5	2.0	2.4	1.5	2.0	2.4
131					1.5			1.5	1.8		1.5	2.0
138												1.3

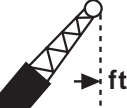
Lifting capacities / Capacidades de elevación



15,432 lbs

lbs x 1,000 **SAE**

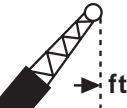
 ft	32.8 ft + 29.5 ft			106.6 ft + 29.5 ft			119.1 ft + 29.5 ft			131.2 ft + 29.5 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	19.4											
12	19.4											
13	19.4	14.1										
15	19.0	13.4										
16	17.9	13.0										
20	15.9	11.9		12.8								
23	14.3	11.0	9.3	12.8								
26	13.0	10.4	8.6	12.8			9.5					
30	11.9	9.7	8.4	12.8			9.5			8.2		
33	11.0	9.0	7.9	12.8	11.7		9.5			8.2		
36	10.1	8.6	7.7	12.6	11.2		9.5	9.5		8.2		
39	9.5	8.2	7.5	11.9	10.8	8.8	9.5	9.5		8.2	8.2	
46	8.2	7.5	7.1	11.0	10.1	8.4	9.5	8.8	8.2	8.2	7.7	7.5
53	7.1	6.8		9.9	9.5	8.2	8.8	8.2	7.7	7.7	7.3	7.1
59				8.6	8.8	7.9	7.9	7.7	7.3	7.1	6.8	6.6
66				7.1	7.9	7.7	7.1	7.1	6.8	6.4	6.4	6.2
72				5.7	6.6	7.3	6.2	6.4	6.6	5.5	6.0	5.7
79				4.6	5.1	5.5	4.9	5.5	6.0	4.6	5.5	5.5
85				3.5	4.2	4.4	3.7	4.4	4.9	3.7	4.4	4.9
92				2.6	3.3	3.3	2.9	3.3	3.7	2.9	3.3	4.0
98				2.0	2.4	2.4	2.2	2.6	2.9	2.2	2.6	2.9
105				1.3	1.8	1.8	1.5	2.0	2.2	1.5	2.0	2.2
112								1.3	1.5		1.3	1.5






15,432 lbs

lbs x 1,000 **SAE**

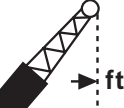
 ft	32.8 ft + 52.5 ft			106.6 ft + 52.5 ft			119.1 ft + 52.5 ft			131.2 ft + 52.5 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	9.7											
12	9.7											
13	9.7											
15	9.7											
16	9.7											
20	9.5											
23	8.8											
26	8.2			6.6								
30	7.7	6.2		6.6			6.0					
33	7.3	6.0		6.6			6.0			5.1		
36	6.8	5.7		6.6			6.0			5.1		
39	6.4	5.3		6.6			6.0			5.1		
46	5.7	4.9	4.2	6.6	5.3		6.0			5.1		
53	5.1	4.4	4.0	6.4	5.1		6.0	4.9		5.1	4.6	
59	4.4	4.0	3.5	6.0	4.9	4.2	5.7	4.6		5.1	4.6	
66	4.0	3.5	3.3	5.7	4.6	4.0	5.5	4.4	4.0	5.1	4.4	
72	3.5	3.3		5.5	4.4	3.7	5.3	4.4	3.7	5.1	4.2	3.7
79				4.9	4.2	3.7	4.9	4.2	3.7	4.6	4.2	3.7
85				4.2	4.0	3.5	4.2	4.0	3.5	4.2	4.0	3.5
92				3.3	4.0	3.5	3.3	4.0	3.5	3.3	3.7	3.5
98				2.6	3.5	3.5	2.6	3.7	3.3	2.6	3.3	3.3
105				2.0	2.6	3.3	2.0	2.6	3.3	2.0	2.6	3.1
112				1.5	2.2	2.4	1.5	2.2	2.6	1.5	2.2	2.6
118					1.5	2.0		1.5	2.0		1.5	2.0
125						1.3			1.5			1.5






10,803 lbs

lbs x 1,000 SAE


	32.8 ft + 29.5 ft			106.6 ft + 29.5 ft			119.1 ft + 29.5 ft			131.2 ft + 29.5 ft			
	ft	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	19.4												
12	19.4												
13	19.4	14.1											
15	19.0	13.4											
16	17.9	13.0											
20	15.9	11.9		12.8									
23	14.3	11.0	9.3	12.8									
26	13.0	10.4	8.6	12.8			9.5						
30	11.9	9.7	8.4	12.8			9.5			8.2			
33	11.0	9.0	7.9	12.8	11.7		9.5			8.2			
36	10.1	8.6	7.7	12.6	11.2		9.5	9.5		8.2			
39	9.5	8.2	7.5	11.9	10.8	8.8	9.5	9.5		8.2	8.2		
46	8.2	7.5	7.1	11.0	10.1	8.4	9.5	8.8	8.2	8.2	7.7	7.5	
53	7.1	6.8		8.8	9.5	8.2	8.8	8.2	7.7	7.7	7.3	7.1	
59				6.8	8.2	7.9	7.3	7.7	7.3	7.1	6.8	6.6	
66				5.5	6.6	7.1	5.7	6.4	6.8	5.7	6.2	6.2	
72				4.2	5.1	5.5	4.4	5.3	5.7	4.4	5.3	5.7	
79				3.1	4.0	4.4	3.3	4.2	4.6	3.3	4.2	4.6	
85				2.2	2.6	3.1	2.4	3.1	3.3	2.4	3.1	3.5	
92				1.5	2.0	2.2	1.8	2.2	2.6	1.8	2.2	2.6	
98					1.3	1.5		1.5	1.8		1.5	2.0	
105												1.3	



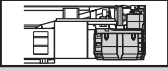


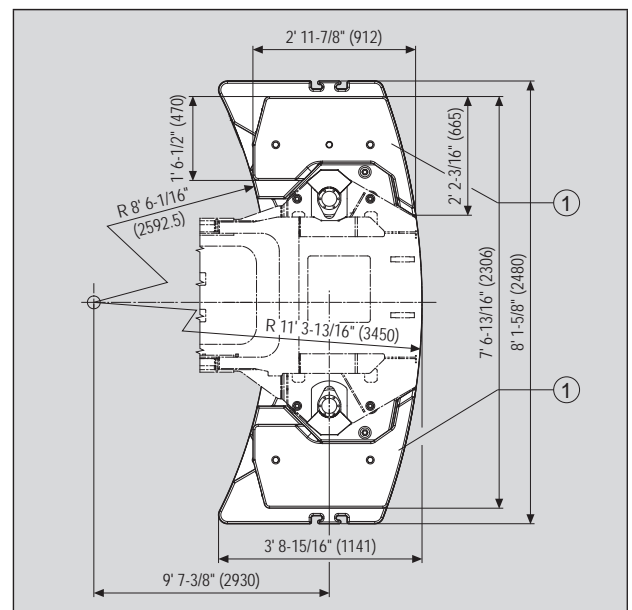
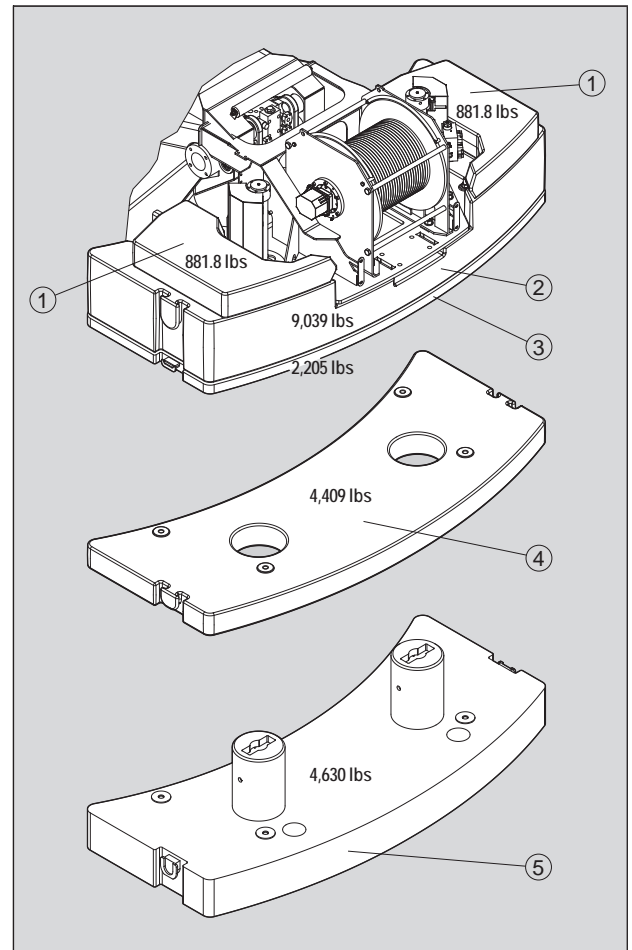
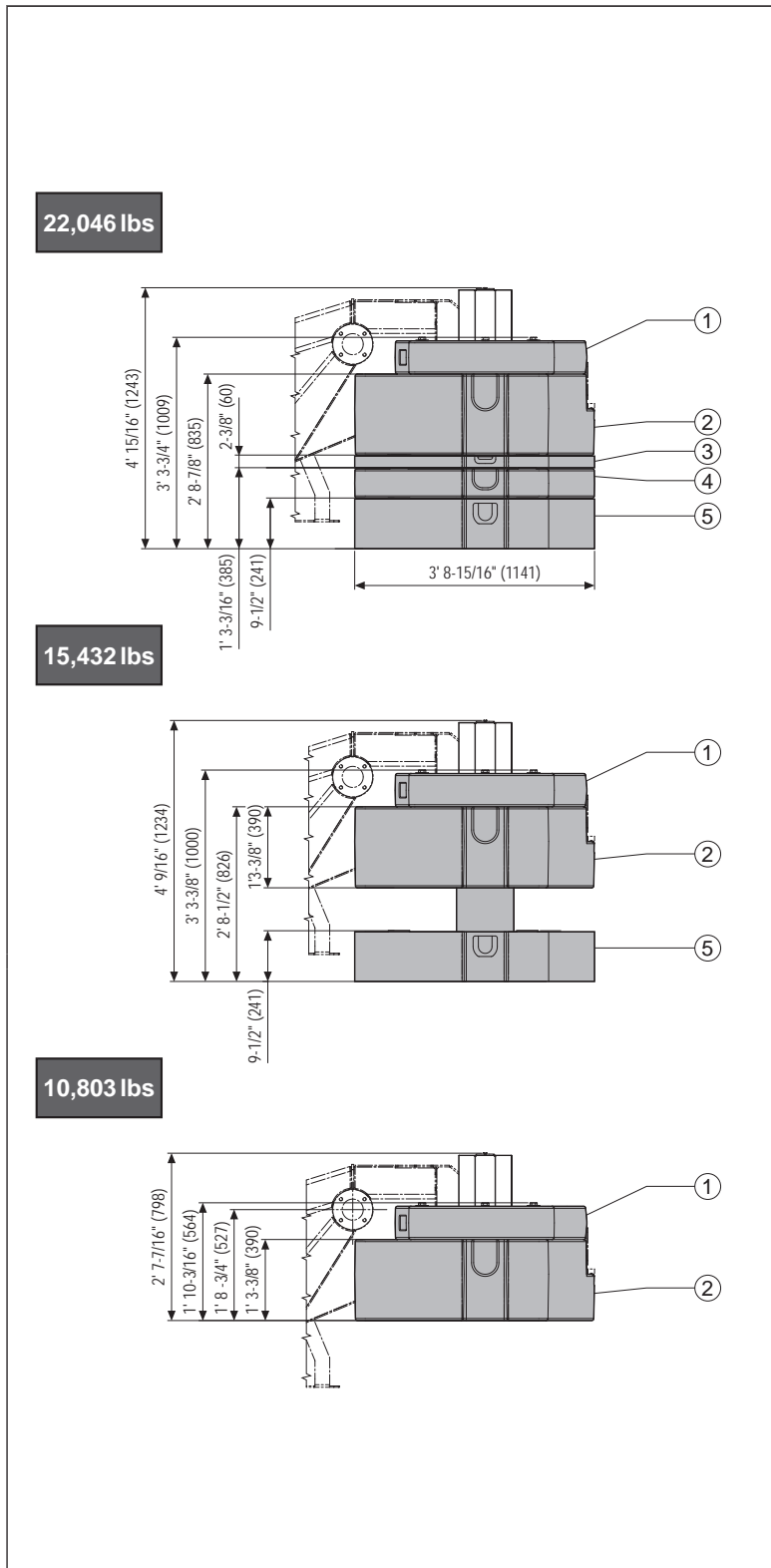

10,803 lbs

lbs x 1,000 SAE

	32.8 ft + 52.5 ft			106.6 ft + 52.5 ft			119.1 ft + 52.5 ft			131.2 ft + 52.5 ft			
	ft	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	9.7												
12	9.7												
13	9.7												
15	9.7												
16	9.7												
20	9.5												
23	8.8												
26	8.2			6.6									
30	7.7	6.2		6.6			6.0						
33	7.3	6.0		6.6			6.0			5.1			
36	6.8	5.7		6.6			6.0			5.1			
39	6.4	5.3		6.6			6.0			5.1			
46	5.7	4.9	4.2	6.6	5.3		6.0			5.1			
53	5.1	4.4	4.0	6.4	5.1		6.0	4.9		5.1	4.6		
59	4.4	4.0	3.5	6.0	4.9	4.2	5.7	4.6		5.1	4.6		
66	4.0	3.5	3.3	5.7	4.6	4.0	5.5	4.4	4.0	5.1	4.4		
72	3.5	3.3		4.9	4.4	3.7	4.6	4.4	3.7	4.6	4.2	3.7	
79				4.0	4.2	3.7	3.7	4.2	3.7	3.7	4.2	3.7	
85				3.1	4.0	3.5	2.9	4.0	3.5	2.9	4.0	3.5	
92				2.2	3.1	3.5	2.2	3.1	3.5	2.2	3.1	3.5	
98				1.8	2.4	3.1	1.5	2.4	3.1	1.5	2.4	3.1	
105					1.8	2.2		1.8	2.4		1.8	2.4	
112					1.3	1.8		1.3	1.8		1.3	1.8	
118												1.3	

Counterweight versions / Variaciones de contrapeso

 Counterweight Contrapeso	2x	1x	1x	1x	1x
	①	②	③	④	⑤
[lbs]	881.8	9,039	2,205	4,409	4,630





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

Outriggers 4 point, telescopic hydraulic outriggers with controls on both sides of carrier and in superstructure cab. Outrigger base 20'-8" (6.3 m) {14'-1.3" (4.3 m) mid extension} x 23'-7.7" (7.2 m).

Carrier engine Mercedes-Benz 6 cylinder model OM 926 LA (Euromot III b/EPA Tier 4i), water-cooled diesel engine. Rated at 326 HP (240 kW) at 2,200 rpm. Torque 958.83 ft-lbs (1,300 Nm / 132.5 kpm) at 1,300 - 1,600 rpm. Engine rating according to 80 / 1269 / EWG. Fuel tank 92.5 gal (350 l). DEF Tank 11 gal (40 l).

Transmission ZF-AS-Tronic 12 AS 2302 mechanical transmission with electro-pneumatically operated dry-type clutch and automatic gear shifting with 12 forward gears and 2 reverse gears. Power / Economy modes.

Drive 6 x 6

Axles

1st axle: steered, driven.
2nd axle: steered, driven, with longitudinal differential lock.
3rd 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 ABS. Parking brake: spring loaded type acting on 2nd and 3rd axles. Auxiliary brakes: engine exhaust brake and constant throttle engine brake system.

Tires (6) 385/95 R 25 (14.00 R 25), width 8'-4.4" (2.55 m).
(6) 525/80 R 25 (20.50 R 25), width 9'-3" (2.82 m).

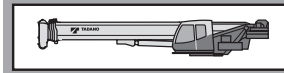
Steering system ZF Servocom dual circuit hydraulic steering, mechanical hydraulically-assisted steering of 1st axle and 3rd axle up to a travel speed of 15.5 mph (25 km/h), emergency steering pump. Steering of all axles possible. All axles steered hydrostatically from superstructure cab.

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.

Electrical system 24 volt DC system, 2 batteries. Electrical system conforms with European standard regulations.

Optional Equipment (at extra charge)
Towing attachment, eddy current retarder brake, engine independent additional heater with engine pre-heat, air conditioning, 445/95 R 25 (16.00 R 25) tires, spare wheel and tire, central lubricating system, 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.

Hydraulic system Three circuit diesel hydraulic system with 1 double axial piston pump (hydraulically adjustable) and 1 gear pump, oil cooler. Pumps driven by carrier engine rated at 277 HP (204 kW) at 1,500 rpm (DIN 6270B).

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

Telescopic boom 5 sections, made of high tensile, fine-grained steel, consisting of 1 base section and 4 telescoping sections extended by means of a single telescopic cylinder. All telescope sections extendable under partial load. 32.8 ft (10.0 m) to 131.2 ft (40.0 m) long. Boom head with 5 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 two-stage planetary reduction with a foot actuated service brake and a parking brake. Speed infinitely variable 0 - 1.9 rpm.

Counterweight Total 15,432 lbs (7 t) divisible, assembled and disassembled by hydraulic cylinders controlled from superstructure cab.

Superstructure cab Spacious panoramic cab of composite structure with safety (tinted) glass windows, tiltable cockpit with hydraulically cushioned adjustable seat, engine independent heater with engine pre-heat, air conditioning, radio/CD player. Complete controls and instrumentation for crane operation, on-site travelling and outrigger.

Electrical system 24 volt DC system, 2 batteries.

Safety devices Load moment device (LMD), 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 29.5' (9.0 m) to 52.5' (16.0 m), heavy duty jib 5.2' (1.6 m) additional counterweight 6,614 lbs, counterweight variations 10,803 lbs, 22,046 lbs, selection of hook blocks, working area limitation, additional oil cooler, central lubricating system, special painting and lettering.

Further optional equipment available upon request.

Equipo



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

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: 6,3 m (y 4,3 m) x 7,2 m.

Motor Mercedes Benz modelo OM 926 LA (Euromot III B /EPA Tier 4i), 6 cilindros, diesel, refrigerado por agua. Nominal 240 kW (326 CV) a 2200 min⁻¹. Par 1300 Nm (132,5 kpm) a 1300 hasta 1600 min⁻¹. Potencia del motor según 80 / 1269 / EWG. Depósito de combustible de 350 l. Depósito AdBlue 40 l.

Transmisión Transmisión mecánica tipo ZF-AS Tronic modelo 12 AS 2302 con accionamiento electro - neumático embrague en seco y cambio automático, 12 marchas delanteras y 2 marchas traseras. Modo rendimiento máximo / económico.

Tracción 6 x 6

Ejes

- 1º eje: de dirección, accionado, con bloqueo diferencial transversal.
- 2º eje: de dirección, accionado, con bloqueo diferencial transversal y longitudinal.
- 3º eje: de dirección, accionado, con bloqueo diferencial transversal.

Suspensión Suspensión hidroneumática con regulación de nivel.

Sistemas de frenos Accionamiento neumático de doble circuito con sistema anti bloqueo ABS. Freno de estacionamiento del tipo muelles cargados, liberados por aire, sobre los ejes 2º y 3º. Freno de motor diesel en el escape.

Neumáticos 6 x 385 / 95 R 25 (14.00 R 25), (ancho 2,55 m).
6 x 525 / 80 R 25 (20.50 R 25), (ancho 2,82 m).

Dirección Hidráulica ZF Servocom de doble circuito. Dirección mecánica del 1º eje y direccionable del 3º (hasta una velocidad de 25 km/h), con bomba hidráulica de emergencia accionada por la transmisión. Dirección de todos los ejes posible. Desde la cabina de la superestructura: dirección hidro-estática de ambos ejes.

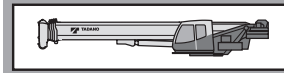
Cabina Cabina para dos personas, en construcción de acero y fibra de vidrio. Cristales de seguridad, asiento con suspensión neumática, asiento de conductor calefactado. Calefacción por agua caliente del motor, radio/CD player. Elementos de control y manejo para circular por carretera. Regulador de velocidad,

Sistema eléctrico Sistema de 24 V c.c. con dos baterías. El sistema eléctrico cumple la normativa CEE.

Equipo adicional (con suplemento de precio)

Embrague de remolque, freno eléctrico, calefacción adicional con precalefacción del motor, climatización, neumáticos 445 / 95 R 25 (16.00 R 25), rueda de repuesto, sistema de engrase central, 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 hidráulico Sistema hidráulico de 3 circuitos, 1 bomba doble de pistones axiales (regulable hidráulicamente) y una bomba de ruedas dentadas, enfriador de aceite. Las bombas están accionadas desde el motor del chasis. Operación de la grúa: 204 kW (277 CV) a 1500 min⁻¹. (DIN 6270B).

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

Pluma telescópica 5 secciones, un tramo base y 4 telescópicos de acero de alta resistencia soldado con 2 cilindro telescópicos sencillos y cables, los tramos se pueden telescopar hidráulicamente bajo carga. Longitud de 10,0 m a 40,0 m. Cabeza de pluma con 5 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 'Super-Stop'.

Sistema de giro Motor hidráulico de pistones axiales con reducción planetaria de dos etapas. Freno de servicio controlado por pedal y freno de estacionamiento. Velocidad de giro variable de 0 a 1,9 min⁻¹.

Contrapeso EL estándar 7 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 adicional con precalefacción del motor, climatización, radio/CD player. Elementos de control y mando para el manejo de la grúa y para el desplazamiento en obra. Mandos para nivelación y extensión de los estabilizadores.


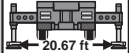


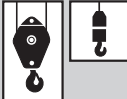


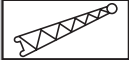

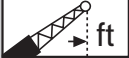



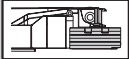



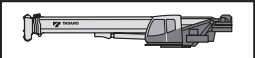


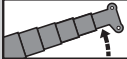

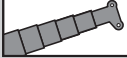
Sistema eléctrico Sistema de 24 V c.c. con dos baterías.

Medidas de seguridad Limitación del momento de carga (LMC), 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 9,0 m / 16,0 m, plumín de carga pesada de 1,6 m, contrapeso adicional de 3 t, variantes de contrapeso 4,9 t / 10 t, selección de ganchos, limitación del área de trabajo y limitador de giro, enfriador adicional, sistema de engrase central, pintura especial y rotulación.

Otros equipamientos sobre pedido.

	Tires / Size Neumáticos / Tamaño de ruedas		Outriggers Estabilizadores
	Axle load Carga por eje		Counterweight Contrapeso
	Hook block / Swivel hook Gancho / Gancho de bola		Radius Radio
	Carrier speeds Velocidades del chasis		Boom extension Plumin
	Transmission / Gear Transmisión / Marchas		Radius Radio
	Gradeability Superacion de pendientes		Over rear Sobre la parte trasera
	Superstructure speeds Velocidades de la superestructura		Counterweight versions Variaciones de contrapeso
	Main winch Cabrestante principal		Carrier chasis
	Auxiliary winch 2° cabrestante		Superstructure superestructura
	Slewing system Sistema de giro		<p>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.</p> <p>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.</p>
	Derricking system Elevación de pluma		
	Boom telescoping Telescopaje de pluma		
	Telescopic boom Pluma telescópica		



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