

# **ATF 70G-4**

**75 TON CAPACITY**

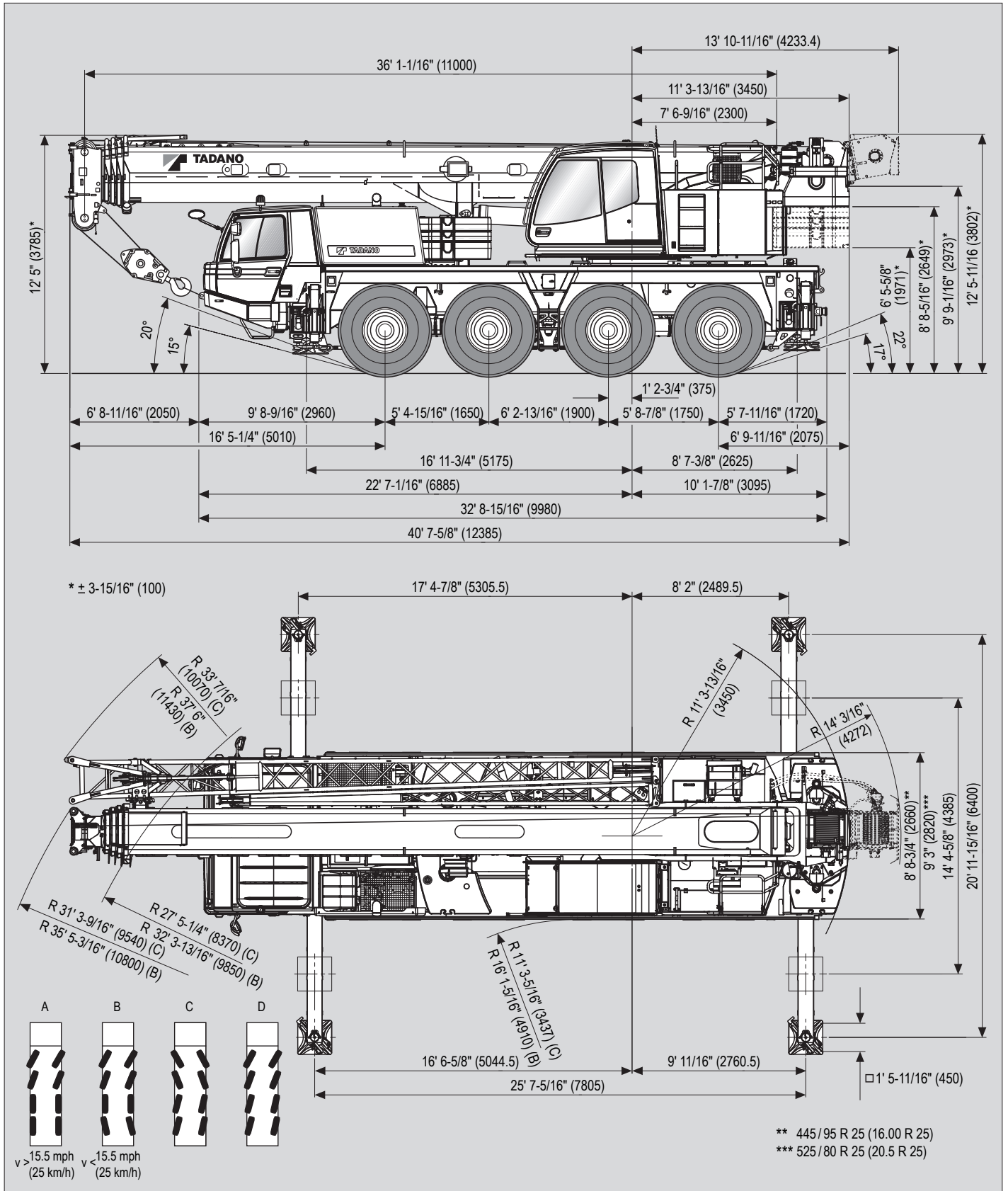
**ALL  
TERRAIN  
CRANE**



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

<b>445/95 R 25</b> (16.00 R 25)	<b>525/80 R 25</b> (20.5 R 25)
------------------------------------	-----------------------------------

**SAE**



## Weights / Working speeds / Pesos / Velocidades de trabajo



	Axle Eje	1	2	3	4	Total weight Peso total
	Tires 445 / 95 R 25 (16.00 R 25) [lbs]	26,455	26,455	26,455	26,455	105,820*
	Tires 525 / 80 R 25 (20.5 R 25) [lbs]	26,662	26,662	26,662	26,662	106,648

\* Incl. 26,235 lbs counterweight, 29.5' (9 m) / 52.5' (16 m) boom extension, 35.3 ton (32 t)\*\* hook block, 6.6 ton (6 t)\*\* swivel hook, drive 8 x 6, tires 445/95 R 25 (16.00 R 25).  
 \* Incl. contrapeso de 11,9 t, 9 m / 16 m plumín, 32 t gancho, 6 t gancho de bola, tracción 8 x 6, neumáticos 445/95 R 25 (16.00 R 25).  
 \*\* Metric

	Lifting capacity Capacidad de elevación [lbs]	Sheaves Poleas	Parts of line Ramales de cable	Weight Peso [lbs]
	104,499 (Type / Typo 55.1)*	5	11	1,047 lbs
	67,241 (Type / Typo 35.3)*	3	7	661 lbs
	67,241 (Type / Typo 35.3)	3	7	661 lbs
	19,401 (Type / Typo 13.8)	1	2	375 lbs
	9,921 (Type / Typo 6.6)	-	1	331 lbs



	445/95 R 25 (16.00 R 25)		1	2	3	4	5	6	7	8	9	10	11	12	R1	R2					
			mph	525/80 R 25 (20.5 R 25)		1.9	2.5	3.1	4.3	5.6	6.8	9.3	11.8	14.9	19.3	24.2		31.1	1.9	2.5	65%
						3.7	5.0	6.2	8.1	9.9	12.4	16.8	21.1	27.3	35.4	44.7		52.8	3.7	5.0	30%

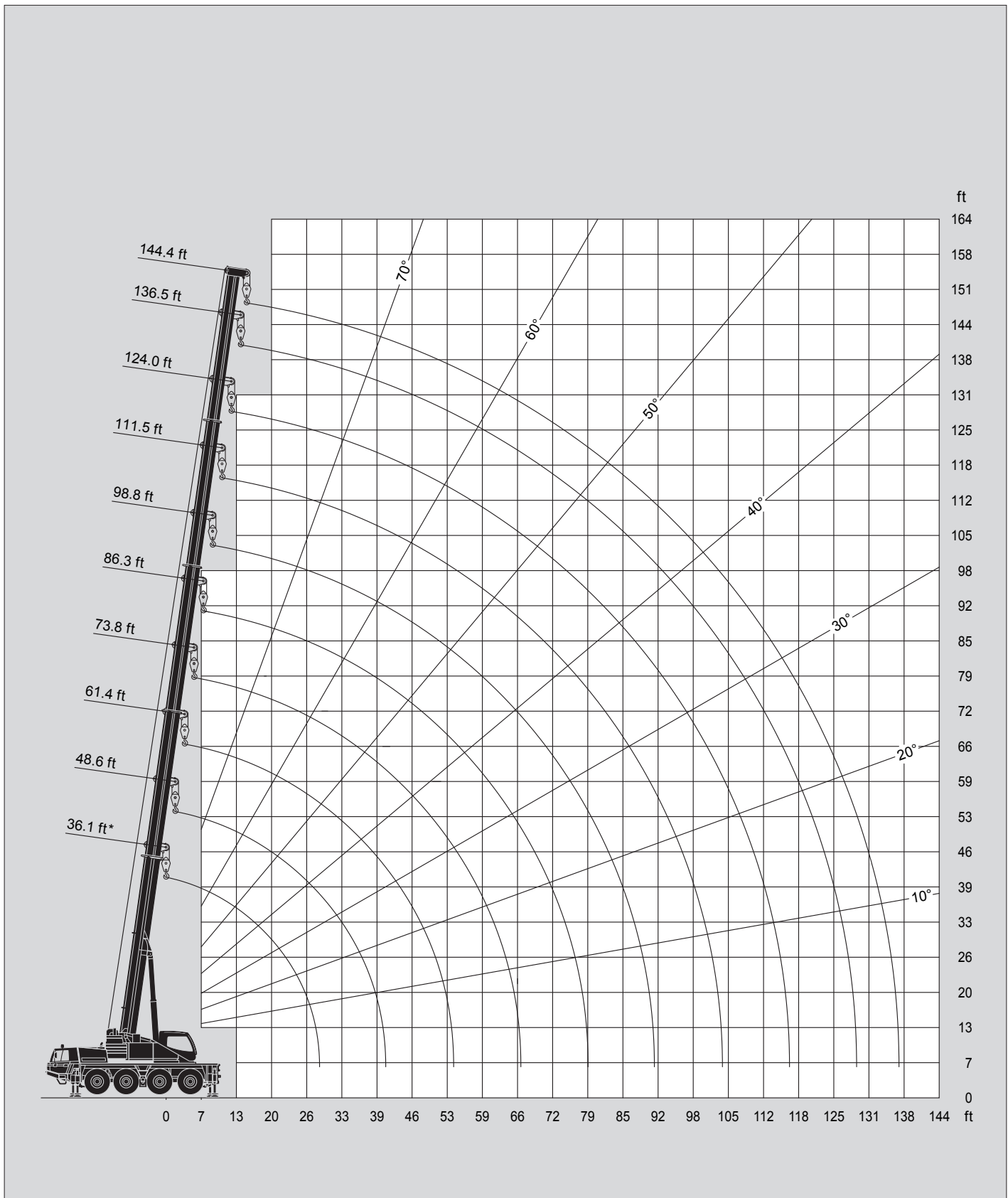
\* Off road range  
 \* Con transmisión todo terreno

V+	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	0.63" / 672.6' 16 mm / 205 m	9,892 lbs 44 kN
	0 - 426.5 ft/min 0 - 130 m/min single line ramal simple	0.63" / 672.6' 16 mm / 205 m	9,892 lbs 44 kN
	<b>Max. permissible line pull may be affected by wire rope strength, which should not exceed 9,892 lbs (44 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 44 kN de fuerza.</b>		
	0 - 2 rpm		
	-2° - +82° approx. 33 s aproximadamente 33 s		
	36.1 ft - 144.4 ft 11.0 m - 44.0 m approx. 320 s aproximadamente 320 s		

Lifting heights / Alturas de elevación




**26,235 lbs** + **6,834 lbs** = **33,069 lbs**  
Option
lbs x 1,000 **SAE**



## Lifting capacities / Capacidades de elevación





**26,235 lbs** + **6,834 lbs** = **33,069 lbs**  
Option

lbs x 1,000 **SAE**

ft	36.1 ft*	36.1 ft	48.6 ft	61.4 ft	73.8 ft	86.3 ft	98.8 ft	111.5 ft	124.0 ft	136.5 ft	144.4 ft
8	154.3**	127.9**									
10	131.4**	120.8**	110.2	108.7							
12	120.8**	109.6	103.6	99.4	93.3						
13	108.5	100.1	95.7	92.4	90.4	66.1					
15	95.9	91.7	88.8	85.8	83.8	66.1	54.0				
16	85.8	83.3	82.9	79.8	78.0	66.1	51.4	41.4			
20	70.3	70.1	70.5	69.4	68.8	63.5	46.5	41.4	31.3		
23	59.3	59.3	60.0	60.2	59.5	58.2	42.3	39.0	31.3	23.8	21.2
26	51.1	51.1	51.8	51.8	51.4	52.0	39.5	35.9	31.3	23.8	21.2
30			45.2	45.6	45.4	45.6	36.8	33.1	30.4	23.8	21.2
33			40.1	40.3	41.0	40.3	34.6	30.6	28.4	23.8	21.2
36			37.7	37.0	38.4	37.5	32.8	28.7	26.7	23.8	21.2
39			32.8	33.7	33.5	32.6	30.9	26.7	24.9	22.7	19.8
46				26.7	26.5	25.8	24.9	23.6	22.0	20.5	17.2
53				21.8	21.6	21.4	20.3	19.4	19.6	18.3	15.2
59					18.5	18.5	17.2	17.2	16.5	16.3	13.4
66					15.7	15.7	15.0	15.4	14.6	14.3	11.7
72						13.4	13.4	13.2	13.0	12.3	10.6
79							11.9	11.5	11.2	10.6	9.3
85							10.4	9.9	9.7	9.3	8.2
92								8.8	8.6	7.7	7.5
98								7.5	7.3	6.8	6.6
105									6.4	5.7	5.7
112									5.5	4.9	4.9
118										4.2	4.2
125										1.5	3.3
131											2.9

\* Over rear / \* Sobre la parte trasera

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





**26,235 lbs** 'Taxi' Version

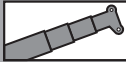
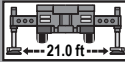

lbs x 1,000 **SAE**

ft	36.1 ft*	36.1 ft	48.6 ft	61.4 ft	73.8 ft	86.3 ft	98.8 ft	111.5 ft	124.0 ft	136.5 ft	144.4 ft
8	154.3**	127.9**									
10	131.4**	120.2**	110.2	108.7							
12	120.8**	108.9	103.6	99.4	93.3						
13	105.4	99.2	95.7	92.4	90.4	66.1					
15	93.0	89.5	88.8	85.8	83.8	66.1	54.0				
16	83.1	81.3	81.1	79.8	78.0	66.1	51.4	41.4			
20	68.1	67.9	68.6	67.9	68.3	63.5	46.5	41.4	31.3		
23	57.5	57.3	58.0	58.0	57.8	58.2	42.3	39.0	31.3	23.8	21.2
26	49.4	49.4	49.8	50.5	49.8	50.0	39.5	35.9	31.3	23.8	21.2
30			46.1	44.3	44.5	43.2	36.8	33.1	30.4	23.8	21.2
33			39.2	40.1	40.6	39.5	34.6	30.6	28.4	23.8	21.2
36			34.6	35.1	34.8	34.2	32.6	28.7	26.7	23.8	21.2
39			30.2	30.9	30.6	30.0	28.7	26.7	24.9	22.7	19.8
46				24.5	24.3	24.3	23.6	22.9	22.0	20.5	17.2
53				19.6	20.1	19.8	19.2	19.2	18.7	17.9	15.2
59					16.8	16.8	16.1	16.3	16.1	15.4	13.4
66					14.6	14.1	14.3	13.7	13.7	13.0	11.7
72						11.9	12.1	11.7	11.5	11.0	10.4
79							10.4	10.1	9.7	9.3	9.0
85								9.3	8.8	8.2	7.7
92									7.5	7.1	6.6
98									6.4	6.2	5.3
105										5.1	4.6
112										4.4	4.0
118											3.1
125											2.4
131											2.0

\* Over rear / \* Sobre la parte trasera

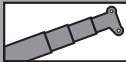
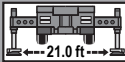

\*\* With additional lifting equipment / \*\* Con equipo adicional

## Lifting capacities / Capacidades de elevación

   <b>13,228 lbs</b> <span style="float: right;">lbs x 1,000 <b>SAE</b></span>											
ft	36.1 ft*	36.1 ft	48.6 ft	61.4 ft	73.8 ft	86.3 ft	98.8 ft	111.5 ft	124.0 ft	136.5 ft	144.4 ft
8	144.2**	127.9**									
10	131.4**	118.2**	110.2	108.7							
12	112.2**	105.6	103.6	99.4	93.3						
13	97.4	94.1	93.9	92.2	90.4	66.1					
15	86.0	84.7	84.2	83.8	82.9	66.1	54.0				
16	76.7	76.5	76.3	75.8	74.3	66.1	51.4	41.4			
20	62.8	62.8	63.5	63.7	59.5	57.3	46.5	41.4	31.3		
23	55.3	55.3	53.6	52.2	50.9	47.2	42.3	39.0	31.3	23.8	21.2
26	43.7	43.7	44.5	45.6	42.8	39.9	37.9	35.7	31.3	23.8	21.2
30			37.3	38.1	37.9	34.0	32.8	30.4	29.8	23.8	21.2
33			31.1	31.7	31.7	30.9	28.4	27.1	25.8	23.8	21.2
36			26.2	26.9	27.3	27.6	24.9	24.9	23.6	22.5	21.2
39			22.5	23.1	23.6	23.8	22.5	23.4	21.4	19.8	19.6
46				17.9	18.5	18.3	18.5	18.1	17.9	16.1	15.9
53				14.1	15.0	14.8	14.8	14.6	14.1	13.7	13.7
59					12.1	11.9	11.9	11.7	11.2	11.0	11.0
66					10.1	9.9	9.9	9.7	9.3	8.8	8.8
72						8.2	8.2	7.7	7.5	7.1	7.1
79							7.1	6.6	6.2	5.5	5.5
85							5.7	5.3	5.1	4.4	4.4
92								4.4	4.2	3.3	3.3
98								3.7	3.3	2.6	2.6
105									2.6	2.0	2.0
112									2.0	1.5	1.5
118										1.1	1.1

\* Over rear / \* Sobre la parte trasera

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

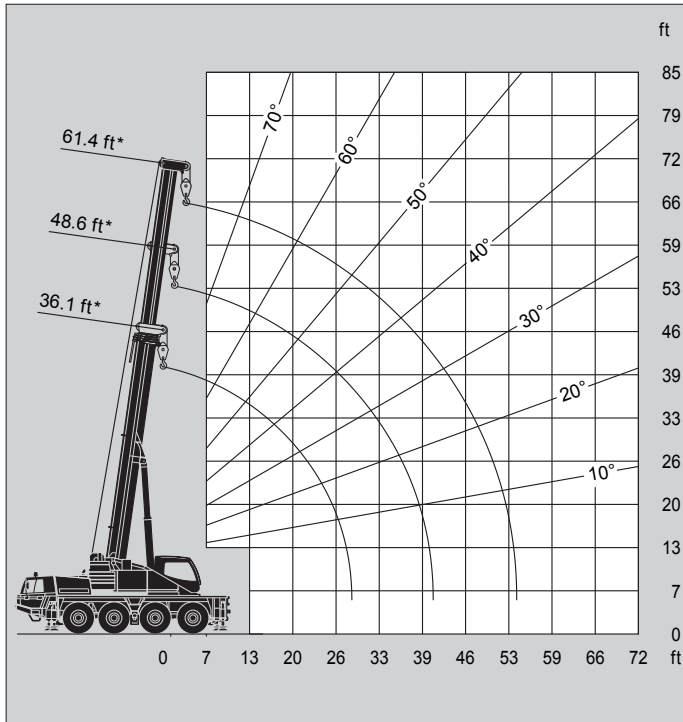
   <b>0 lbs</b> <span style="float: right;">lbs x 1,000 <b>SAE</b></span>											
ft	36.1 ft*	36.1 ft	48.6 ft	61.4 ft	73.8 ft	86.3 ft	98.8 ft	111.5 ft	124.0 ft	136.5 ft	144.4 ft
8	144.2**	127.9**									
10	123.0**	113.8**	110.2	108.7							
12	105.8**	99.9	99.6	97.7	93.3						
13	92.4	88.4	88.2	86.0	77.8	66.1					
15	81.8	78.9	78.9	73.4	69.0	63.7	54.0				
16	73.2	70.8	70.1	64.4	61.1	55.6	49.6	41.4			
20	56.0	56.0	53.1	51.1	47.2	43.2	40.6	36.8	31.3		
23	41.4	40.8	43.2	40.3	37.5	35.7	32.8	32.2	28.9	23.8	21.2
26	32.4	30.6	32.6	33.7	31.3	29.5	29.1	27.1	25.6	23.1	21.2
30			25.8	26.9	28.0	26.0	24.7	23.1	21.8	20.1	19.6
33			20.9	22.0	22.9	22.9	21.8	20.1	18.7	17.4	17.0
36			17.6	18.5	19.4	19.4	19.0	17.4	16.5	15.0	14.8
39			14.8	15.7	16.5	16.3	16.5	16.1	14.3	13.2	13.0
46				11.7	12.3	12.1	12.3	11.9	11.5	11.2	9.9
53				8.8	9.7	9.5	9.5	9.3	8.8	8.2	8.2
59					7.5	7.3	7.3	7.1	6.6	6.2	6.2
66					5.7	5.5	5.7	5.3	5.1	4.4	4.4
72						4.4	4.4	4.2	3.7	3.1	3.1
79							3.3	2.9	2.6	2.2	2.2
85							2.6	2.2	1.8	1.3	1.3
92								1.5	1.3		

\* Over rear / \* Sobre la parte trasera

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

## Lifting heights / Alturas de elevación

**26,235 lbs** lbs x 1,000 **SAE**



## Lifting capacities / Capacidades de elevación

**26,235 lbs** lbs x 1,000 **SAE**

ft	36.1 ft*	48.6 ft*	61.4 ft*
10	47.4	48.5	46.5
12	43.2	43.4	41.0
13	39.2	38.4	36.4
15	33.5	34.2	32.6
16	29.1	30.6	29.3
20	22.5	24.0	24.5
23	17.9	19.4	20.1
26	14.6	15.9	16.8
30		13.2	14.1
33		11.2	11.9
36		9.5	10.1
39		8.2	8.8
46			6.6
53			4.9

\* Superstructure locked / \* Bloqueo de superestructura

**'Taxi' Version**

**13,228 lbs** lbs x 1,000 **SAE**

ft	36.1 ft*	48.6 ft*	61.4 ft*
10	41.2	38.8	36.2
12	35.1	33.3	31.5
13	30.0	29.3	28.0
15	25.4	25.8	24.9
16	21.8	23.1	22.3
20	16.5	18.1	18.3
23	12.8	14.3	15.0
26	10.1	11.5	12.3
30		9.5	10.1
33		7.7	8.4
36		6.4	7.1
39		5.3	6.0
46			4.2
53			2.9

\* Superstructure locked / \* Bloqueo de superestructura

## Lifting capacities / Capacidades de elevación

**33,069 lbs** lbs x 1,000 **SAE**

ft	36.1 ft*	48.6 ft*	61.4 ft*
10	47.4	48.3	48.7
12	43.2	44.1	44.5
13	39.5	40.3	40.3
15	36.4	37.3	36.4
16	32.6	34.2	33.1
20	25.4	26.9	27.6
23	20.3	21.8	22.5
26	18.5	18.1	18.7
30		15.2	15.9
33		12.8	13.7
36		11.0	11.7
39		9.5	10.1
46			7.9
53			6.0

\* Superstructure locked / \* Bloqueo de superestructura

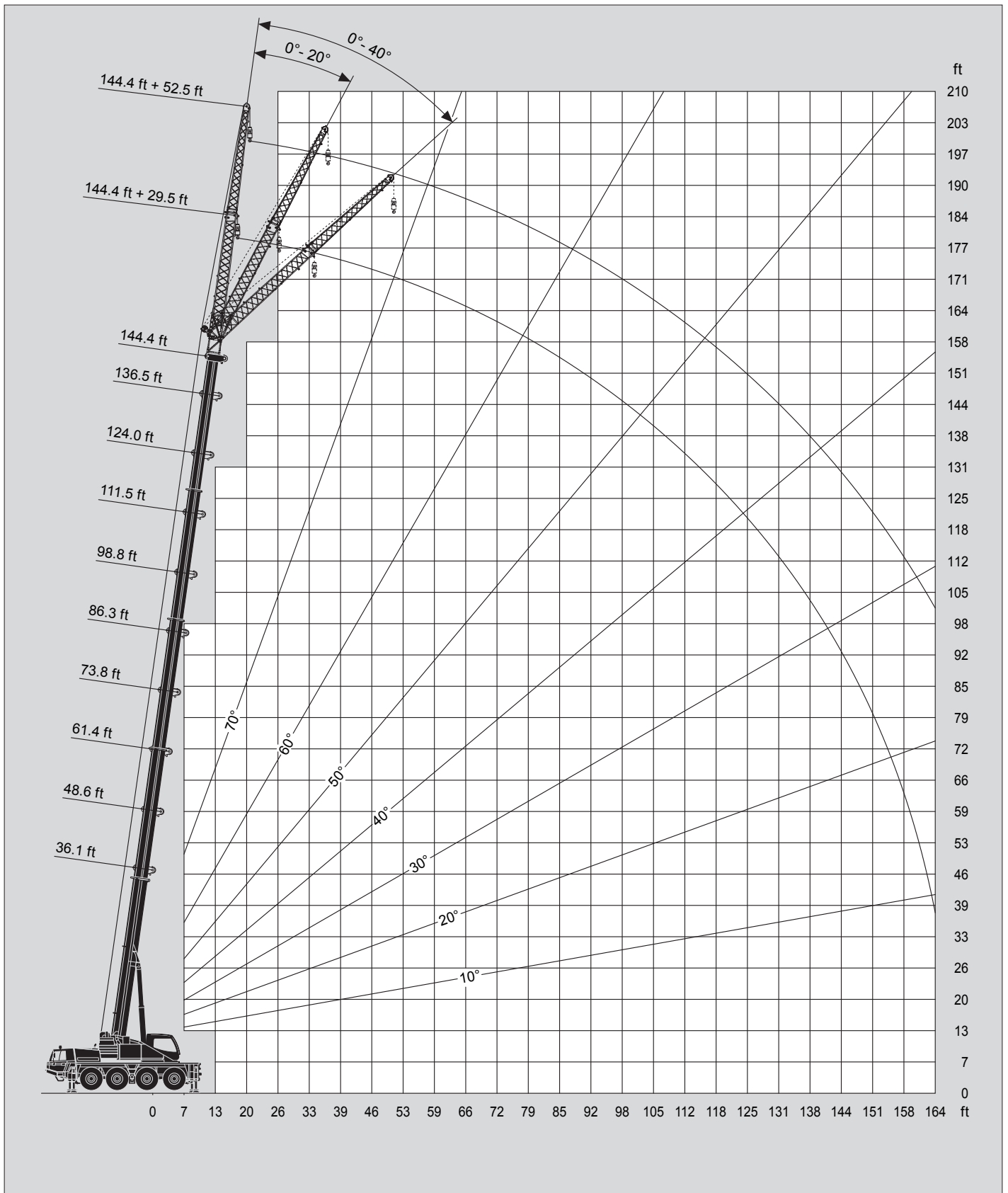
**0 lbs** lbs x 1,000 **SAE**

ft	36.1 ft*	48.6 ft*	61.4 ft*
10	30.4	28.9	27.3
12	25.6	24.7	23.6
13	20.7	21.4	20.5
15	17.2	18.7	18.1
16	14.6	16.1	16.1
20	10.6	12.1	13.0
23	7.7	9.3	9.9
26	5.7	7.1	7.9
30		5.5	6.2
33		4.2	5.1
36		3.3	4.0
39		2.4	3.1
46			1.8
53			

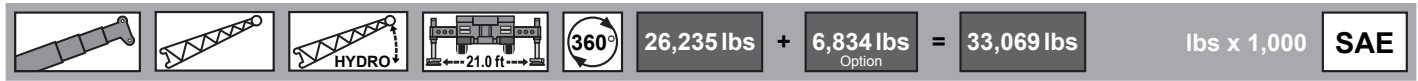
\* Superstructure locked / \* Bloqueo de superestructura

## Lifting heights / Alturas de elevación

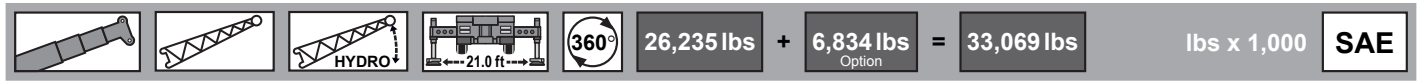
					26,235 lbs	+	6,834 lbs <small>Option</small>	=	33,069 lbs	lbs x 1,000	<b>SAE</b>
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## Lifting capacities / Capacidades de elevación

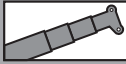
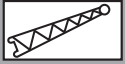

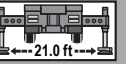


												
ft	36.1 ft + 29.5 ft			98.8 ft + 29.5 ft			136.5 ft + 29.5 ft			144.4 ft + 29.5 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	23.1*											
12	23.1*											
13	23.1*	23.1*										
15	23.1*	23.1*		23.1*								
16	23.1*	23.1*		23.1*								
20	23.1*	23.1*	19.6*	23.1*								
23	23.1*	21.8*	18.7	23.1*			13.2					
26	23.1*	20.7*	17.9	22.3*	17.9		13.2			11.9		
30	22.9*	19.6*	17.2	21.2*	17.0		13.2			11.9		
33	20.9*	18.7	16.5	19.8*	16.1	14.1	13.2			11.9		
36	19.2	18.1	15.9	18.7	15.4	13.4	13.2	11.9		11.9	11.2	
39	17.9	17.2	15.4	17.9	14.8	13.0	12.6	11.5		11.7	10.8	
46	15.7	15.9	14.8	16.1	13.7	12.1	11.5	10.8	9.7	10.8	10.1	9.5
53	13.9	15.0		14.8	12.8	11.5	10.6	9.9	9.3	9.9	9.5	8.8
59				13.2	11.9	10.8	9.7	9.5	8.6	9.3	8.8	8.4
66				11.9	11.2	10.4	9.0	8.8	8.2	8.4	8.4	7.9
72				10.6	10.6	9.9	8.4	8.2	7.7	7.9	7.7	7.5
79				9.5	9.7	9.5	7.9	7.7	7.5	7.3	7.3	7.1
85				8.6	8.8	8.8	7.1	7.3	7.1	6.4	6.6	6.6
92				7.5	7.7	7.9	6.4	6.6	6.6	5.7	6.0	6.0
98				6.4	6.8	6.8	5.7	6.0	6.2	5.1	5.3	5.3
105				5.3	5.5		5.1	5.3	5.5	4.4	4.9	4.9
112				4.6	4.6		4.4	4.6	4.9	4.0	4.2	4.4
118				4.0			4.0	4.2	4.4	3.5	3.7	4.0
125							3.3	3.7	3.7	3.1	3.3	3.3
131							2.6	2.9	3.1	2.6	2.9	2.9
138							2.2	2.4		2.2	2.4	2.4
144							1.8	2.0		1.8	2.0	
151							1.5	1.5		1.3	1.5	

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

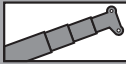
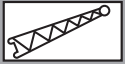

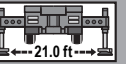

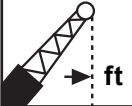
												
ft	36.1 ft + 52.5 ft			98.8 ft + 52.5 ft			136.5 ft + 52.5 ft			144.4 ft + 52.5 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	17.4											
12	17.4											
13	17.4											
15	17.4											
16	17.4											
20	16.8			10.6								
23	15.9			10.6								
26	14.8	11.9		10.6			7.7					
30	13.9	11.2		10.6			7.7			7.3		
33	13.0	10.8		10.6			7.7			7.3		
36	12.3	10.4		10.6			7.7			7.3		
39	11.7	9.7	8.6	10.6	10.1		7.7			7.3		
46	10.4	9.0	8.2	10.6	9.7		7.7			7.3		
53	9.3	8.4	7.5	10.6	9.3	7.7	7.7	7.7		7.3		
59	8.2	7.7	7.3	10.6	8.8	7.5	7.7	7.3		7.3	6.8	
66	7.5	7.3	7.1	10.1	8.4	7.3	7.7	6.8		7.3	6.6	6.2
72	6.8	7.1	6.8	9.5	7.9	7.1	7.1	6.4	6.0	6.6	6.2	5.7
79	6.2	6.8		9.0	7.7	6.8	6.6	6.2	5.7	6.2	6.0	5.5
85				8.2	7.3	6.6	6.2	6.0	5.5	5.7	5.5	5.3
92				7.5	7.1	6.4	6.0	5.7	5.3	5.3	5.3	5.1
98				6.6	6.6	6.2	5.5	5.3	5.1	4.6	4.9	4.9
105				6.0	6.4	6.0	4.9	5.1	4.9	4.2	4.4	4.6
112				5.1	5.7	5.7	4.4	4.9	4.6	3.7	4.0	4.2
118				4.4	4.9	5.3	4.0	4.4	4.4	3.3	3.5	3.7
125				4.0	4.2		3.5	4.0	4.2	3.1	3.3	3.3
131				3.1	3.7		3.1	3.5	3.7	2.6	2.9	3.1
138				2.6	2.9		2.6	3.1	3.3	2.2	2.6	2.9
144				2.4			2.2	2.6	2.9	2.0	2.2	2.4
151							1.8	2.0	2.2	1.5	2.0	2.2
158							1.3	1.8		1.3	1.5	1.8
164								1.3			1.3	

Subject to change without prior notice / Sujeto a cambios sin previo aviso

## Lifting capacities / Capacidades de elevación

     <b>26,235 lbs</b> 'Taxi' Version <span style="float: right;">lbs x 1,000 <b>SAE</b></span>												
 ft	36.1 ft + 29.5 ft			98.8 ft + 29.5 ft			136.5 ft + 29.5 ft			144.4 ft + 29.5 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	23.1*											
12	23.1*											
13	23.1*	23.1*										
15	23.1*	23.1*		23.1*								
16	23.1*	23.1*		23.1*								
20	23.1*	23.1*	19.6*	23.1*								
23	23.1*	21.8*	18.7	23.1*			13.2					
26	23.1*	20.7*	17.9	22.3*	17.9		13.2			11.9		
30	22.9*	19.6*	17.2	21.2*	17.0		13.2			11.9		
33	20.9*	18.7	16.5	19.8*	16.1	14.1	13.2			11.9		
36	19.2	18.1	15.9	18.7	15.4	13.4	13.2	11.9		11.9	11.2	
39	17.9	17.2	15.4	17.9	14.8	13.0	12.6	11.5		11.7	10.8	
46	15.7	15.9	14.8	16.1	13.7	12.1	11.5	10.8	9.7	10.8	10.1	9.5
53	13.9	15.0		14.8	12.8	11.5	10.6	9.9	9.3	9.9	9.5	8.8
59				13.2	11.9	10.8	9.7	9.5	8.6	9.3	8.8	8.4
66				11.9	11.2	10.4	9.0	8.8	8.2	8.4	8.4	7.9
72				10.4	10.6	9.9	8.4	8.2	7.7	7.9	7.7	7.5
79				8.6	9.3	9.5	7.9	7.7	7.5	7.3	7.3	7.1
85				7.1	7.7	7.9	7.1	7.3	7.1	6.4	6.6	6.6
92				5.7	6.4	6.6	6.4	6.6	6.6	5.7	6.0	6.0
98				4.9	5.3	5.3	5.1	5.5	6.2	5.1	5.3	5.3
105				4.2	4.4		4.4	4.6	5.1	4.2	4.6	4.9
112				3.3	3.3		3.3	4.0	4.2	3.3	4.0	4.2
118				2.6			2.9	3.1	3.3	2.6	3.1	3.3
125							2.2	2.4	2.6	2.2	2.4	2.6
131							1.8	2.0	2.0	1.8	2.0	2.0
138							1.3	1.5		1.3	1.5	1.5
144								1.1			1.1	

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

     <b>13,228 lbs</b> 'Taxi' Version <span style="float: right;">lbs x 1,000 <b>SAE</b></span>												
 ft	36.1 ft + 52.5 ft			98.8 ft + 52.5 ft			136.5 ft + 52.5 ft			144.4 ft + 52.5 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	17.4											
12	17.4											
13	17.4											
15	17.4											
16	17.4											
20	16.8			10.6								
23	15.9			10.6								
26	14.8	11.9		10.6			7.7					
30	13.9	11.2		10.6			7.7			7.3		
33	13.0	10.8		10.6			7.7			7.3		
36	12.3	10.4		10.6			7.7			7.3		
39	11.7	9.7	8.6	10.6	10.1		7.7			7.3		
46	10.4	9.0	8.2	10.6	9.7		7.7			7.3		
53	9.3	8.4	7.5	10.6	9.3	7.7	7.7	7.7		7.3		
59	8.2	7.7	7.3	10.6	8.8	7.5	7.7	7.3		7.3	6.8	
66	7.5	7.3	7.1	10.1	8.4	7.3	7.7	6.8		7.3	6.6	6.2
72	6.8	7.1	6.8	9.5	7.9	7.1	7.1	6.4	6.0	6.6	6.2	5.7
79	6.2	6.8		9.0	7.7	6.8	6.6	6.2	5.7	6.2	6.0	5.5
85				7.9	7.3	6.6	6.2	6.0	5.5	5.7	5.5	5.3
92				6.8	7.1	6.4	6.0	5.7	5.3	5.3	5.3	5.1
98				5.5	6.6	6.2	5.5	5.3	5.1	4.6	4.9	4.9
105				4.9	5.5	6.0	4.6	5.1	4.9	4.2	4.4	4.6
112				4.0	4.6	5.1	4.0	4.6	4.6	3.7	4.0	4.2
118				3.3	4.0	4.2	3.1	4.0	4.4	3.1	3.5	3.7
125				2.6	3.1		2.6	3.1	3.7	2.4	3.1	3.3
131				2.2	2.4		2.2	2.6	3.1	2.0	2.6	2.9
138				1.8	2.0		1.8	2.2	2.4	1.5	2.0	2.4
144				1.5			1.3	1.8	2.0	1.1	1.5	2.0
151								1.3	1.5		1.1	1.3

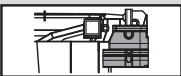
## Lifting capacities / Capacidades de elevación

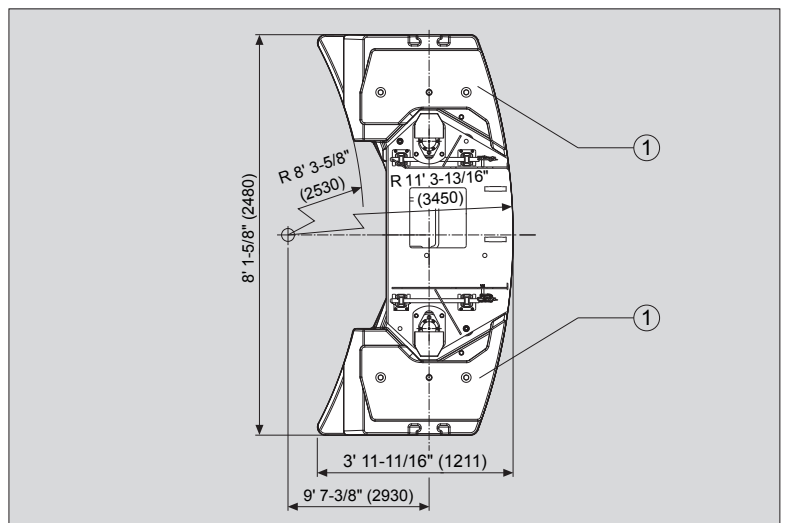
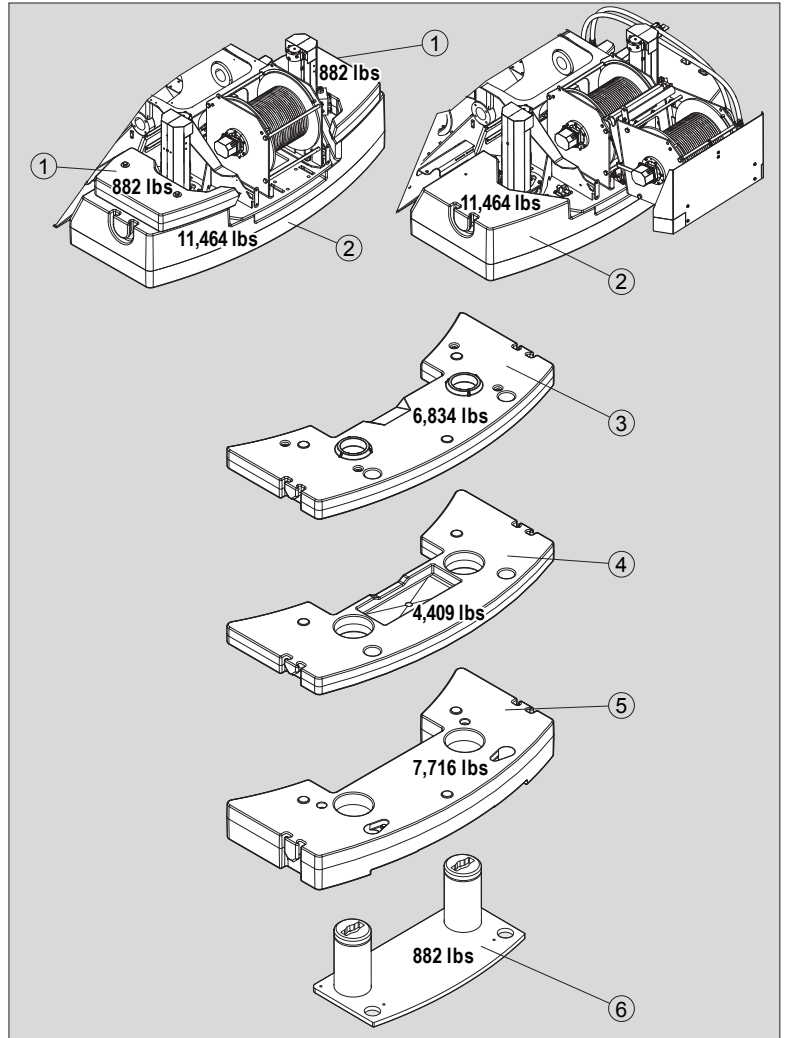
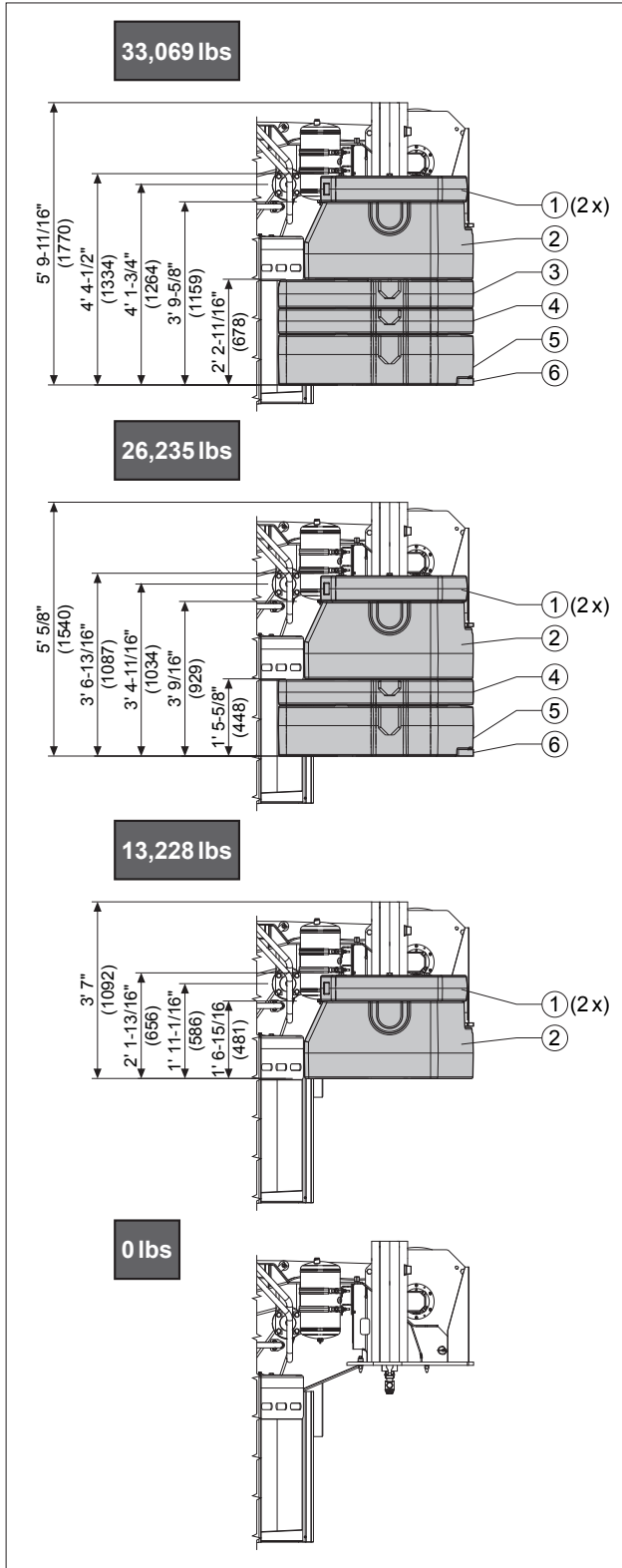
<b>13,228 lbs</b> <span style="float: right;">lbs x 1,000 <b>SAE</b></span>												
ft	36.1 ft + 29.5 ft			98.8 ft + 29.5 ft			136.5 ft + 29.5 ft			144.4 ft + 29.5 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	23.1*											
12	23.1*											
13	23.1*	23.1*										
15	23.1*	23.1*		23.1*								
16	23.1*	23.1*		23.1*								
20	23.1*	23.1*	19.6*	23.1*								
23	23.1*	21.8*	18.7	23.1*			13.2					
26	23.1*	20.7*	17.9	22.3*	17.9		13.2			11.9		
30	22.9*	19.6*	17.2	21.2*	17.0		13.2			11.9		
33	20.9*	18.7	16.5	19.8*	16.1	14.1	13.2			11.9		
36	19.2	18.1	15.9	18.7	15.4	13.4	13.2	11.9		11.9	11.2	
39	17.9	17.2	15.4	17.9	14.8	13.0	12.6	11.5		11.7	10.8	
46	15.7	15.9	14.8	16.1	13.7	12.1	11.5	10.8	9.7	10.8	10.1	9.5
53	13.9	15.0		13.2	12.8	11.5	10.6	9.9	9.3	9.9	9.5	8.8
59				10.4	11.5	10.8	9.7	9.5	8.6	9.3	8.8	8.4
66				8.2	9.3	9.7	8.6	8.8	8.2	8.4	8.4	7.9
72				6.6	7.3	7.7	6.8	7.7	7.7	6.8	7.5	7.5
79				5.1	5.7	6.4	5.3	6.2	6.8	5.3	6.2	6.6
85				4.0	4.6	4.9	4.4	4.9	5.3	4.2	4.9	5.3
92				2.9	3.3	3.7	3.3	4.0	4.4	3.1	4.0	4.2
98				2.2	2.6	2.6	2.4	2.9	3.3	2.4	2.9	3.1
105				1.5	1.8		1.8	2.2	2.4	1.8	2.2	2.4
112					1.3		1.3	1.5	1.8	1.1	1.5	1.8
118									1.3			1.3

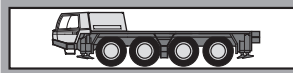
\* With additional lifting equipment / \* Con equipo adicional

<b>13,228 lbs</b> <span style="float: right;">lbs x 1,000 <b>SAE</b></span>												
ft	36.1 ft + 52.5 ft			98.8 ft + 52.5 ft			136.5 ft + 52.5 ft			144.4 ft + 52.5 ft		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	17.4											
12	17.4											
13	17.4											
15	17.4											
16	17.4											
20	16.8			10.6								
23	15.9			10.6								
26	14.8	11.9		10.6			7.7					
30	13.9	11.2		10.6			7.7			7.3		
33	13.0	10.8		10.6			7.7			7.3		
36	12.3	10.4		10.6			7.7			7.3		
39	11.7	9.7	8.6	10.6	10.1		7.7			7.3		
46	10.4	9.0	8.2	10.6	9.7		7.7			7.3		
53	9.3	8.4	7.5	10.6	9.3	7.7	7.7	7.7		7.3		
59	8.2	7.7	7.3	10.6	8.8	7.5	7.7	7.3		7.3	6.8	
66	7.5	7.3	7.1	9.3	8.4	7.3	7.7	6.8		7.3	6.6	6.2
72	6.8	7.1	6.8	7.3	7.9	7.1	7.1	6.4	6.0	6.6	6.2	5.7
79	6.2	6.8		5.7	7.3	6.8	5.7	6.2	5.7	5.7	6.0	5.5
85				4.9	5.7	6.6	4.9	6.0	5.5	4.6	5.5	5.3
92				4.0	4.9	5.5	3.7	4.9	5.3	3.7	4.9	5.1
98				2.9	4.0	4.4	2.9	4.0	4.6	2.9	4.0	4.6
105				2.2	2.9	3.3	2.2	3.1	4.0	2.2	2.9	3.7
112				1.8	2.2	2.6	1.5	2.4	2.9	1.5	2.2	2.9
118				1.1	1.8	2.0		1.8	2.2		1.8	2.2
125					1.1			1.3	1.8		1.3	1.8
131									1.1			1.1

## Counterweight versions / Variaciones de contrapeso

 <b>Counterweight Contrapeso</b> [lbs]	2x	1x	1x	1x	1x	1x
	①	②	③	④	⑤	⑥
	882	11,464	6,834	4,409	7,716	882





**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' 11-15/16" (6.4 m) {14' 5-1/4" (4.4 m) mid extension} x 25' 7-1/16" (7.8 m).

**Carrier engine** Mercedes-Benz 6 cylinder model OM 501 LA (Euromot III b/EPA Tier 4i), water-cooled diesel engine. Rated at 435 hp (320 kW) at 1,800 rpm. Torque 1548.85 ft-lbs (2,100 Nm) at 1,300 rpm. Engine rating according to 80/1269/EWG. Fuel tank 87 gal (330 l). DEF tank 10.57 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.

**Transfer Case** Two stage.

**Drive** 8 x 6 (8 x 8 option).

### Axles

- 1<sup>st</sup> axle: steered, not driven.
- 2<sup>nd</sup> axle: steered, driven, with differential lock, transverse.
- 3<sup>rd</sup> axle: steered, driven, with differential locks longitudinal and transverse.
- 4<sup>th</sup> axle: steered, driven, with differential lock, transverse.

**Suspension** Hydro-pneumatic with levelling adjustment.

**Brake system** Service brakes: dual circuit compressed air system with ABS. Parking brake: spring loaded type acting on 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> axles. Auxiliary brakes: intarder, engine exhaust brake and constant throttle engine brake system.

**Tires** (8) 445/95 R 25 (16.00 R 25), width 8' 8-3/4" (2.66 m).  
(8) 525/80 R 25 (20.5 R 25), width 9' 3" (2.82 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 4<sup>th</sup> axle up to a travel speed of 15.5 mph (25 km/h). Steering of all axles possible. All axles steered hydrostatically from superstructure cab.

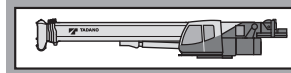
**Carrier cab** Two man full width cab of composite (steel sheet metal and fibre-glass) structure, with safety glass, air-cushioned adjustable seats (driver seat with heater) and engine dependent water heater, radio/CD-player, complete controls and instrumentation for road travel. Cruise control with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

**Electrical system** 24 volt DC system, 2 batteries, outrigger area lighting. Electrical system conforms with European standard regulations.

### Optional Equipment (at extra charge)

Towing attachment, engine independent additional heater with engine pre-heat, air conditioning, 8 x 8 drive, 525/80 R 25 (20.5 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.

**Superstructure engine** Mercedes-Benz 4 cylinder model OM 924 LA (Euromot III b/EPA Tier 4i), water-cooled, diesel engine. RPM infinitely variable via foot pedal, rated at 129 hp (95 kW) at 2,200 rpm. Torque 368.77 ft-lbs (500 Nm) at 1,200 - 1,600 rpm. Engine rating according to 80/1269/EWG. Fuel tank 52.84 gal (200 l). DEF tank: 2.11 gal (8 l).

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

**Controls** Electrical, 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. 36.1 ft (11.0 m) to 144.4 ft (44.0 m) long. Boom head with 6 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 and a parking brake. Speed infinitely variable 0 - 2 rpm.

**Counterweight** Standard 'Taxi' 26,235 lbs 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 with heater, engine independent heater with engine pre-heat, air conditioning, radio/CD-player, complete controls and instrumentation for crane operation, on-site travelling and outriggers.

**Electrical system** 24 volt DC system, 2 batteries.

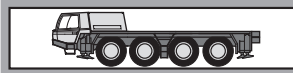
**Safety devices** Load moment device (LMD), working area limiter, hoist limit switch, lower limit switch and drum turn indicator, safety valves protect against pipe and hose rupture. Holding valves on hydraulic cylinders.

### Optional Equipment (at extra charge)

'Lift Adjuster', boom extension 29.5' (9.0 m) / 52.5' (16.0 m) offsets 0°, 20° and 40° or hydraulically 0°- 40°, heavy duty jib 5.2' (1.6 m), additional counterweight 6,834 lbs, special option 22,046 lbs axle load, selection of hook blocks, auxiliary winch (same as main winch), slewing 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: 6,4 m (y 4,4 m) x 7,8 m.

**Motor** Mercedes-Benz modelo OM 501 LA (Euromot III B/EPA Tier 4i), 6 cilindros, diesel, refrigerado por agua. Nominal 320 kW (435 CV) a 1800 min<sup>-1</sup>. Par 2100 Nm (214 kpm) a 1300 min<sup>-1</sup>. Potencia del motor según 80/1269/EWG. Depósito de combustible de 330 l. Depósito AdBlue 40 l.

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

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

**Tracción** 8 x 6 (8 x 8 opción).

### Ejes

- 1º eje: de dirección, no accionado.
- 2º eje: de dirección, accionado, con bloqueo diferencial transversal.
- 3º eje: de dirección, accionado, con bloqueo diferencial transversal y longitudinal.
- 4º eje: de dirección, accionado, con bloqueo diferencial transversal.

**Suspensión** Suspensión hidroneumática con regulación de nivel.

**Sistema de frenos** Accionamiento neumático de doble circuito con sistema anti bloqueo ABS. Freno de estacionamiento con acumuladores de muelle. Con actuación sobre los ejes 2º, 3º y 4º. Intarder y freno continuo: Freno de motor diesel en el escape.

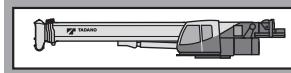
**Neumáticos** 8 x 445/95 R 25 (16.00 R 25), (ancho 2,66 m).  
8 x 525/80 R 25 (20.5 R 25), (ancho 2,82 m).

**Dirección** Hidráulica ZF Servocom de doble circuito. Dirección mecánica al 1º y 2º eje y direccionable al 4º eje hasta una velocidad de 25 km/h. Bomba hidráulica de emergencia accionada por la transmisión. Dirección a todos los ejes. Desde la cabina de la superestructura: dirección hidrostática a 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 automático de frenado.

**Sistema eléctrico** Sistema de 24 V c.c. con dos baterías, faros de trabajo en los estabilizadores. El sistema eléctrico cumple la normativa CEE.

**Equipo adicional** (con suplemento de precio)  
Embrague de remolque, calefacción adicional con precalefacción del motor, climatización, Tracción 8 x 8, neumáticos 525/80 R 25 (20.5 R 25), rueda de repuesto, pintura especial e rotulación, opción especial 10 t carga por eje.  
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 de 360°.

**Motor** Mercedes-Benz modelo OM 924 LA (Euromot III B/EPA Tier 4i), 4 cilindros, diesel, refrigerado por agua. Las revoluciones aumentan de forma gradual accionado el acelerador. Nominal 95 kW (129 CV) a 2200 min<sup>-1</sup>. Par 500 Nm (51 kpm) a 1200 - 1600 min<sup>-1</sup>. Potencia del motor según 80/1269/EWG. Depósito de combustible de 200 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 engranajes, enfriador de aceite.

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

**Pluma telescópica** 5 secciones, un tramo base y 4 telescópicos de acero de alta resistencia soldado, 1 cilindro hidráulico, los tramos se pueden telescopar hidráulicamente bajo carga. Longitud de 11,0 m a 44,0 m. Cabeza de pluma con 6 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 dos etapas. Freno de servicio controlado por pedal y freno de estacionamiento. Velocidad de giro variable de 0 a 2 min<sup>-1</sup>.


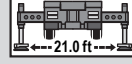
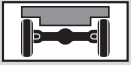
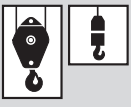


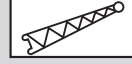


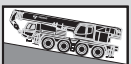




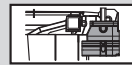

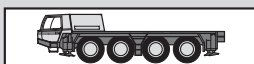

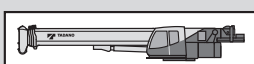


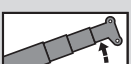

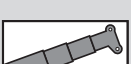
**Contrapeso** El estándar 'Taxi' 11,9 t divisible, se acciona desde la cabina de la grúa.

**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 independiente del motor y 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)  
'Lift Adjuster', plumín de 9,0 m / 16,0 m regulable de 0°, 20° y 40° (o hidráulicamente 0° a 40°), plumín de carga pesada de 1,6 m, contrapeso adicional de 3,1 t, opción especial 10 t carga por eje, selección de ganchos, 2º cabrestante, (similar a cabrestante principal), limitador de giro, enfriador adicional, sistema de engrase central, pintura especial e rotulación.  
Otros equipamientos sobre pedido.

 <b>525/80 R 25</b> (20.5 R 25)	Tires / Size Neumáticos / Tamaño de ruedas		Outriggers Estabilizadores
	Axle load Carga por eje	<b>26,235 lbs</b>	Counterweight Contrapeso
	Hook block / Swivel hook Gancho / Gancho de bola	 <b>ft</b>	Radius Radio
<b>V+</b> 	Carrier speeds Velocidades del chasis		Boom extension Plumín
	Transmission / Gear Transmisión / Marchas	 <b>HYDRO</b>	Boom extension hydraulically Plumín hidráulicamente
	Gradeability Superacion de pendientes	 <b>ft</b>	Radius Radio
	Off road Todo terreno		Over rear Sobre la parte trasera
	On road En carretera		Counterweight versions Variaciones de contrapeso
<b>V+</b> 	Superstructure speeds Velocidades de la superestructura		Carrier Chasis
 <b>1</b>	Main winch Cabrestante principal		Superstructure Superestructura
 <b>2</b>	Auxiliary winch 2º cabrestante	<b>SAE</b>	The above remarks 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.
 <b>360°</b>	Slewing system Sistema de giro	Los datos arriba indicados 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		
	Telescopic boom Pluma telescópica		



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