

AC 5.120-1

130 US TONNE MAX. CRANE CAPACITY

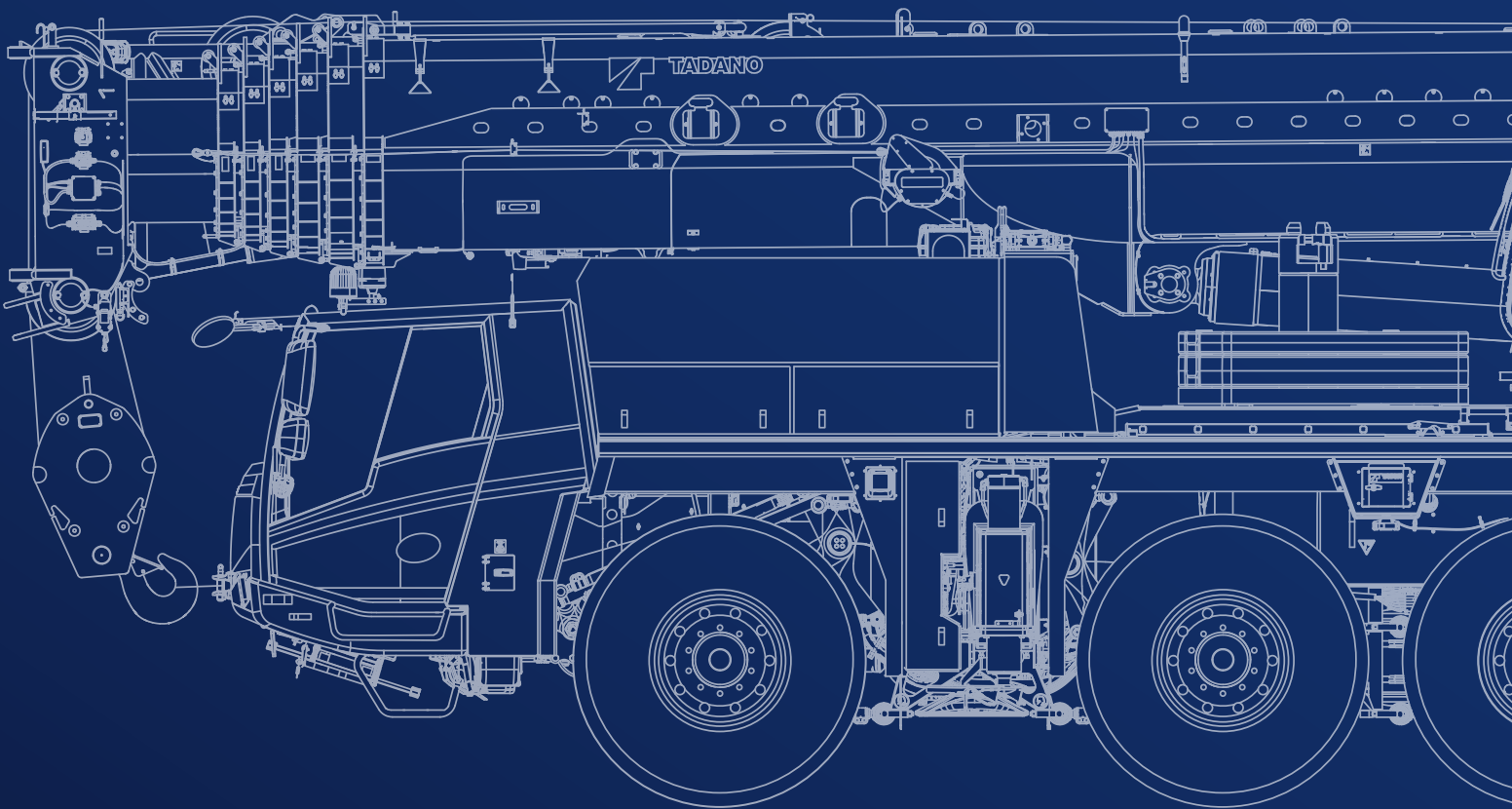


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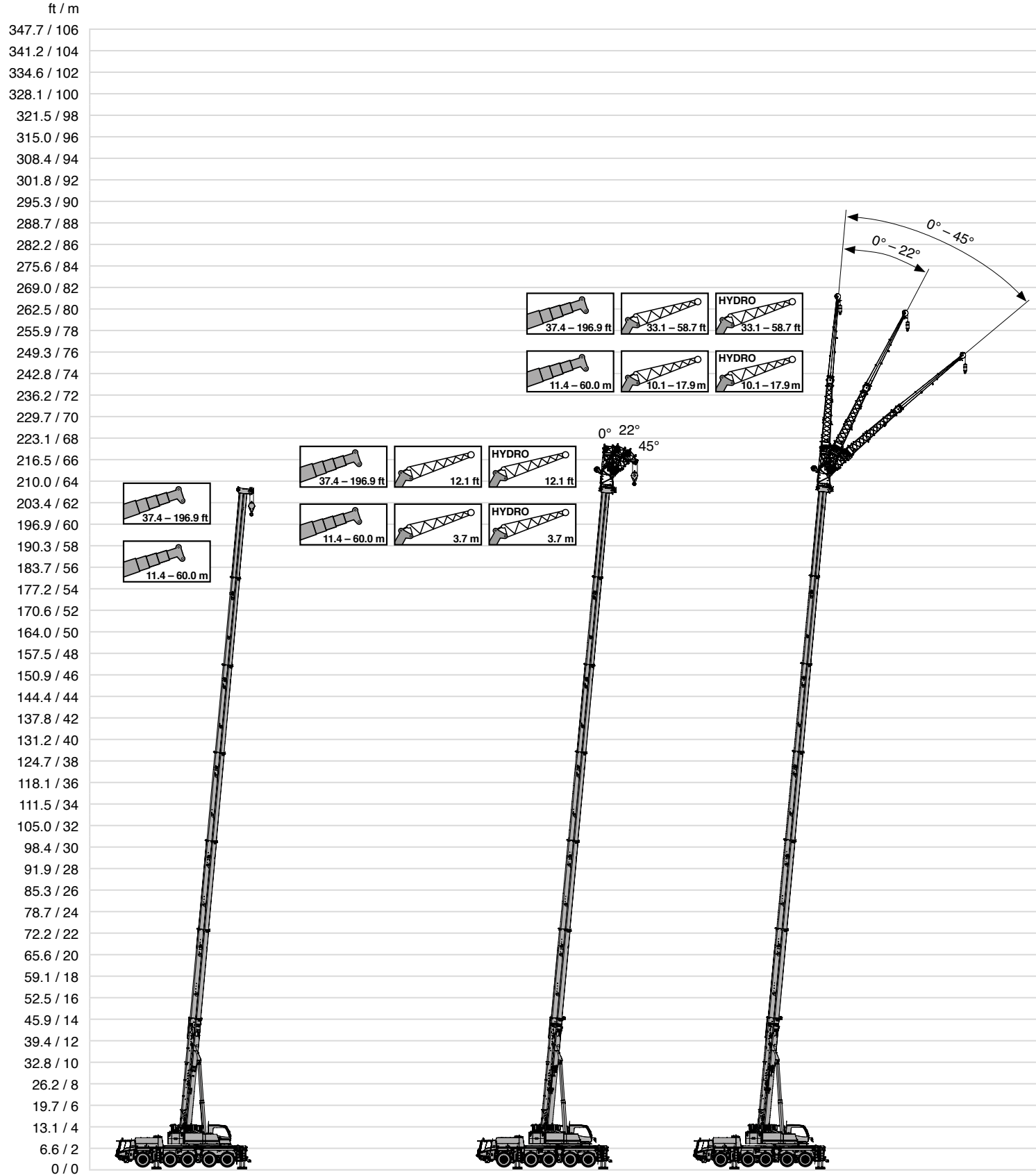
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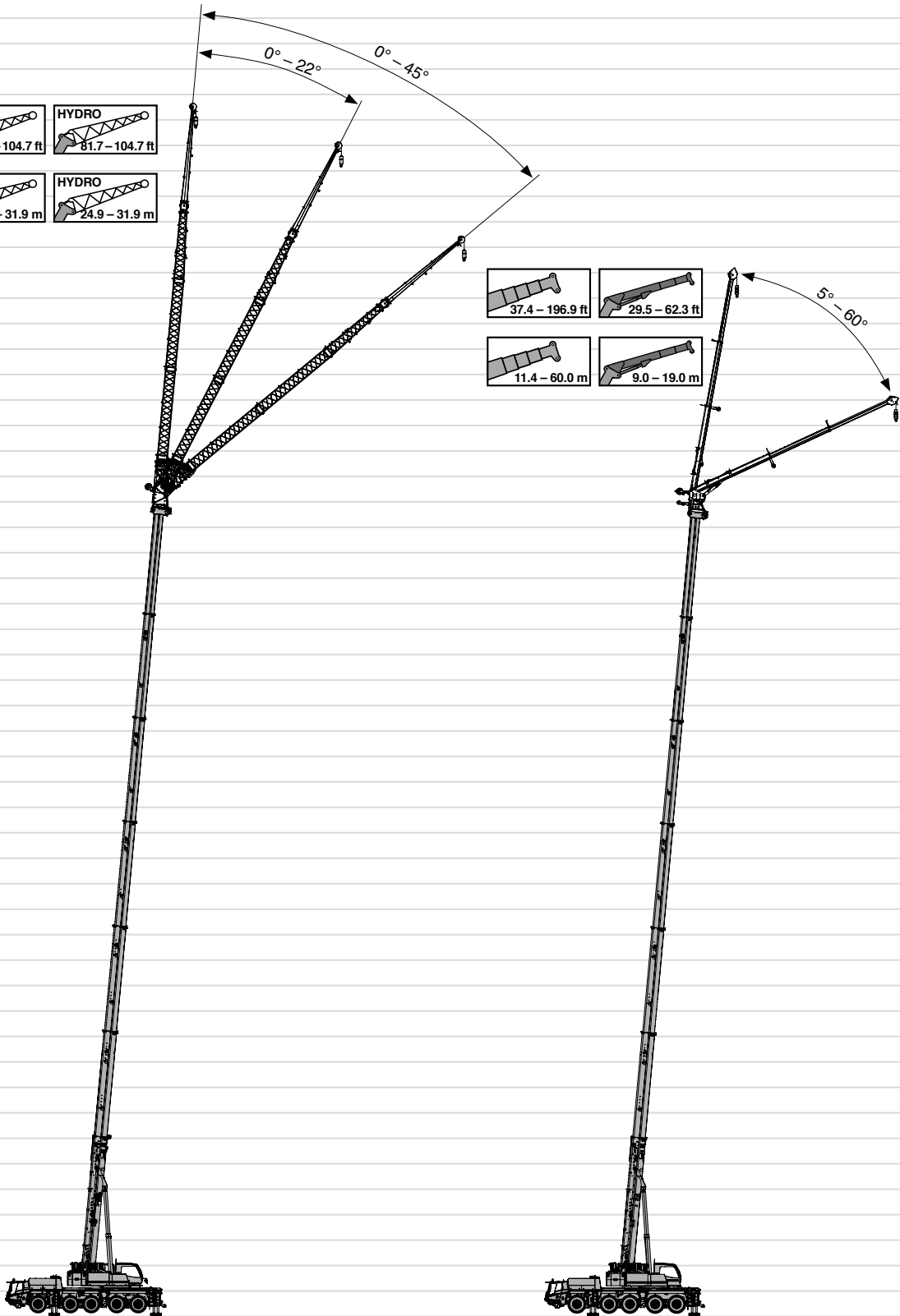
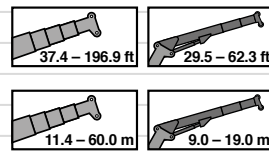
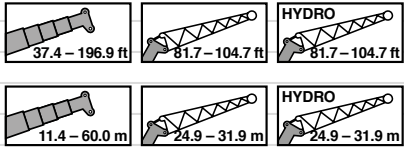
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GENERAL TECHNICAL DATA

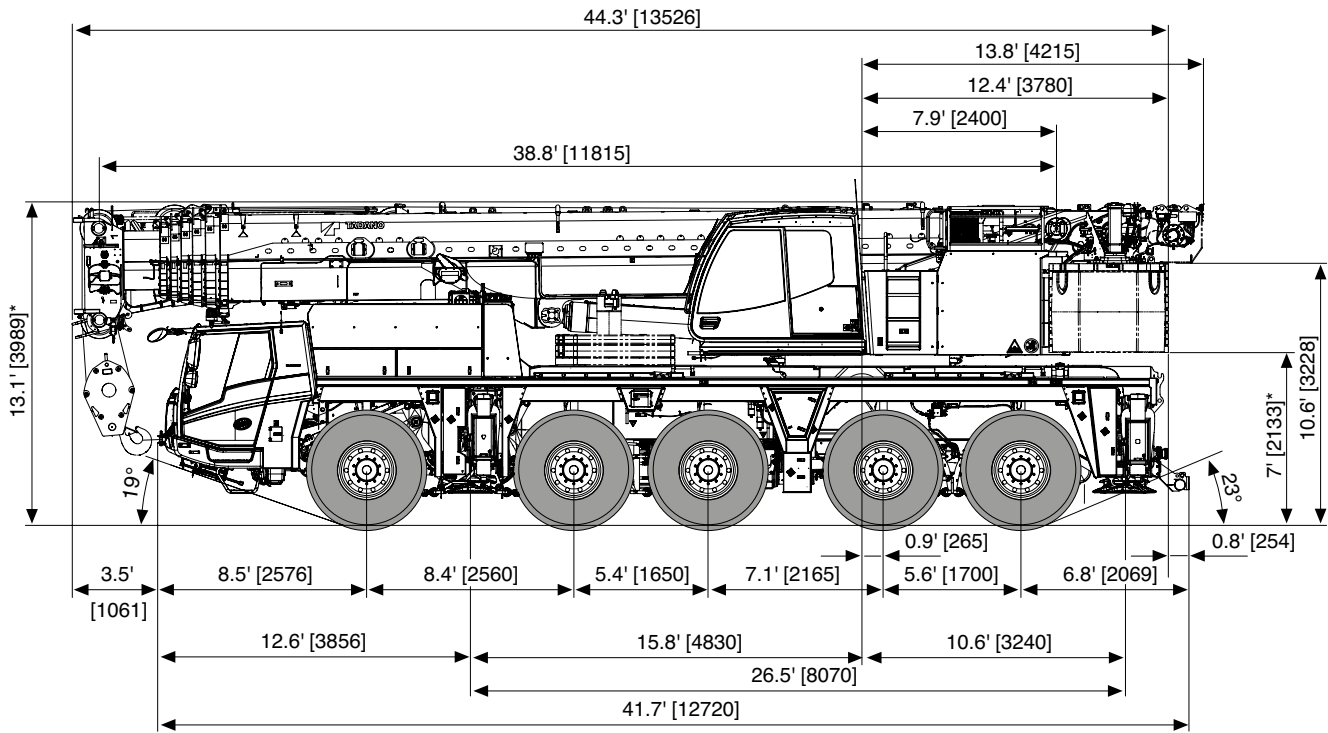
CARACTÉRISTIQUES TECHNIQUES GÉNÉRALES
DATOS TÉCNICOS GENERALES



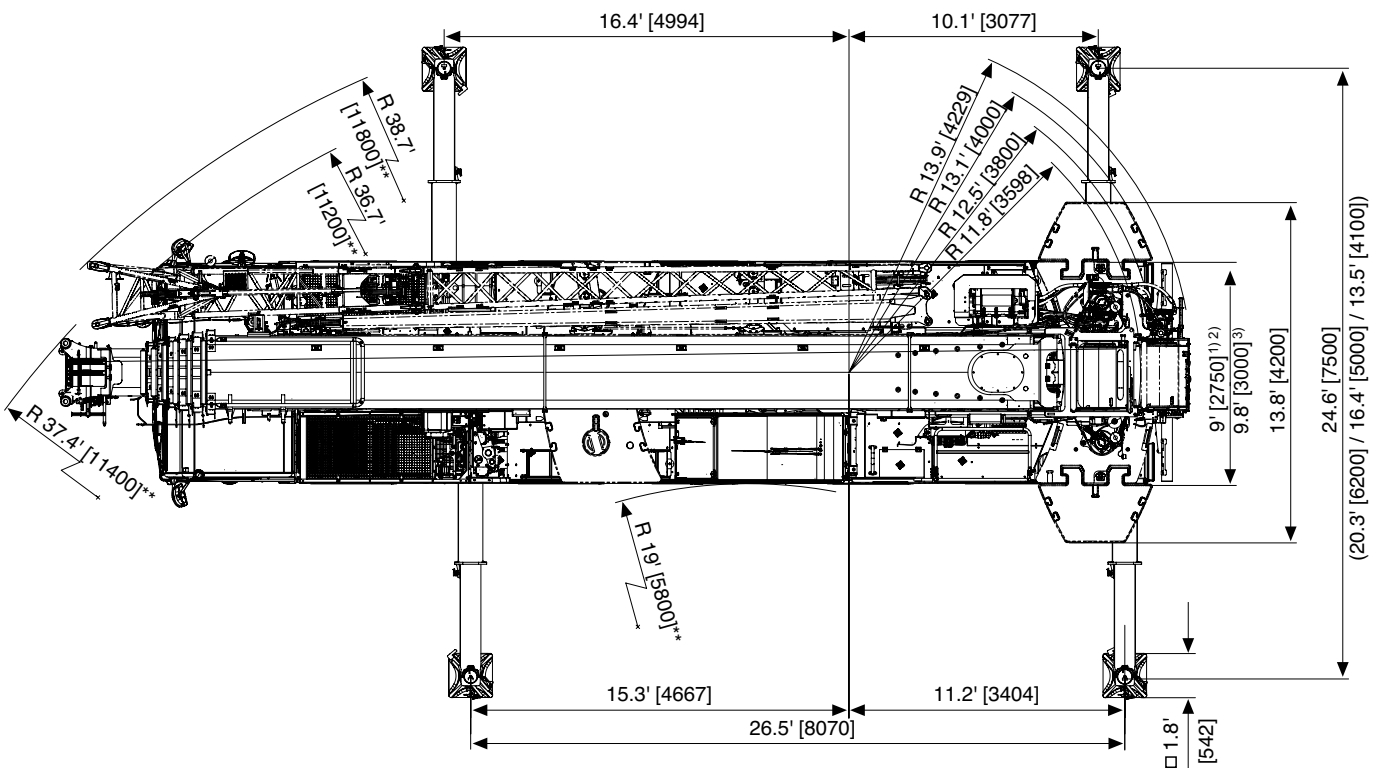




ft / m
347.7 / 106
341.2 / 104
334.6 / 102
328.1 / 100
321.5 / 98
315.0 / 96
308.4 / 94
301.8 / 92
295.3 / 90
288.7 / 88
282.2 / 86
275.6 / 84
269.0 / 82
262.5 / 80
255.9 / 78
249.3 / 76
242.8 / 74
236.2 / 72
229.7 / 70
223.1 / 68
216.5 / 66
210.0 / 64
203.4 / 62
196.9 / 60
190.3 / 58
183.7 / 56
177.2 / 54
170.6 / 52
164.0 / 50
157.5 / 48
150.9 / 46
144.4 / 44
137.8 / 42
131.2 / 40
124.7 / 38
118.1 / 36
111.5 / 34
105.0 / 32
98.4 / 30
91.9 / 28
85.3 / 26
78.7 / 24
72.2 / 22
65.6 / 20
59.1 / 18
52.5 / 16
45.9 / 14
39.4 / 12
32.8 / 10
26.2 / 8
19.7 / 6
13.1 / 4
6.6 / 2
0 / 0



* -0.3' [-100] / +0.4' [+110]



1) 385/95 R 25 (14.00 R25)

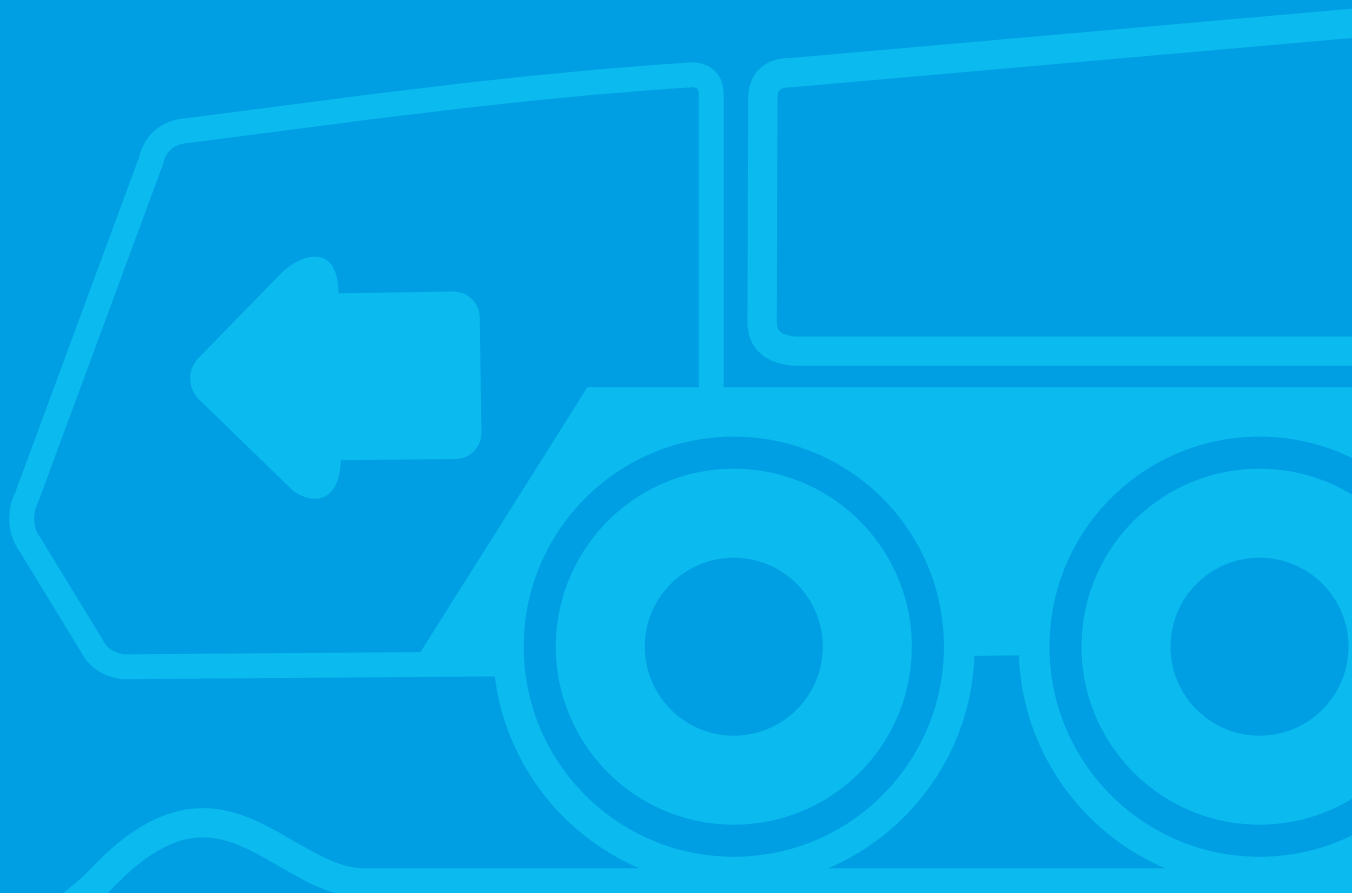
2) 445/95 R 25 (16.00 R25)

3) 525/80 R 25 (20.5 R25)

** Minimum turning radius · Rayon de braquage mini · Radio de viraje mínimo


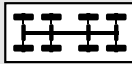


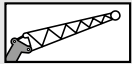

TECHNICAL DATA FOR ON-ROAD AND OFF-ROAD DRIVING

CARACTÉRISTIQUES TECHNIQUES POUR MARCHÉ ROUTE ET TOUT TERRAIN
DATOS TÉCNICOS PARA SU TRASLADO POR CARRETERA Y TODO TERRENO



On-road and off-road driving · Marche route et tout terrain · Traslado por carretera y todoterreno

Axle loads · Charges par essieu · Cargas por eje










	TOTAL			TYPE 		
< 22,046 lbs/ 10 t	< 105,822 lbs/ 48 t	10 x 6	385/95 R 25	63	-	-
< 22,046 lbs/ 10 t	< 105,822 lbs/ 48 t	10 x 8	445/95 R 25	10	-	-
< 24,251 lbs/ 11 t	< 105,822 lbs/ 48 t	10 x 6	445/95 R 25	63	-	-
< 22,046 lbs/ 10 t	< 110,231 lbs/ 50 t ***	10 x 8	445/95 R 25	63	-	2,900 lbs/ 1.3 t
< 26,455 lbs/ 12 t	< 132,277 lbs/ 60 t ***	10 x 8	445/95 R 25	63 / 10	58.7 ft/ 17.9 m	20,400 lbs/ 9.2 t
< 26,455 lbs/ 12 t	< 132,277 lbs/ 60 t ***	10 x 8	445/95 R 25	63	-	25,500 lbs/ 11.5 t
< 28,660 lbs/ 13 t	< 143,300 lbs/ 65 t ***	10 x 8	445/95 R 25	63 / 10	58.7 ft/ 17.9 m	29,200 lbs/ 13.2 t
max **	> 191,802 lbs/ 87 t ***	10 x 8	445/95 R 25	63 / 10	104.7 ft/ 31.9 m	78,200 lbs/ 35.4 t

* Axle loads vary depending on equipment mounted. Individual calculation available on demand. · Les charges par essieu peuvent varier en fonction de l'équipement monté. Calcul individuel sur demande. · Las cargas por ejes pueden variar según el equipamiento. Cálculo individual sobre pedido.







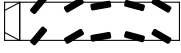


** Construction site · Chantier de construction · Obra

*** Incl. second winch or balancing weight · Y compris deuxième treuil ou contrepoids d'équilibre · Incl. segundo cabrestante o peso de compensación

Speeds and gradeability · Vitesses de conduite et gravisement de pente · Velocidades y pendientes superables

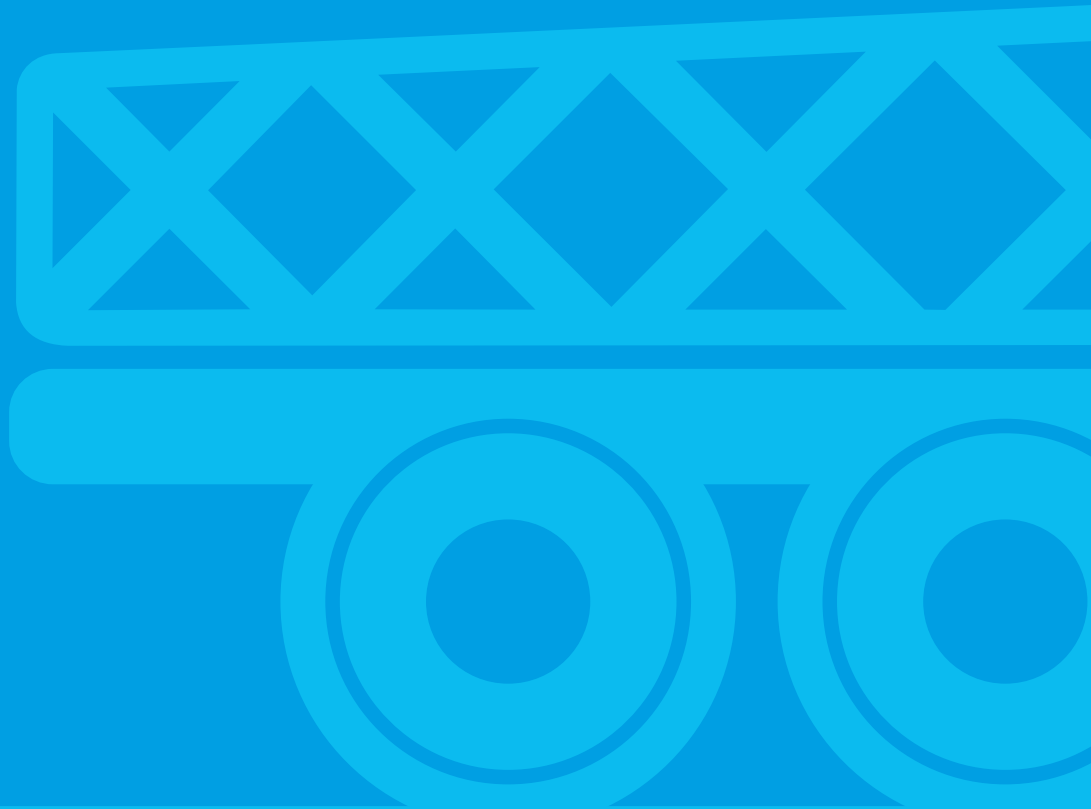
	 	 	 	 
385/95 R 25	49.7 mph max. 80 km/h max.	23.6 mph max. 38 km/h max.	64 %	72 %
445/95 R 25 525/80 R 25	52.8 mph max. 85 km/h max.	26.1 mph max. 42 km/h max.	57 %	63 %

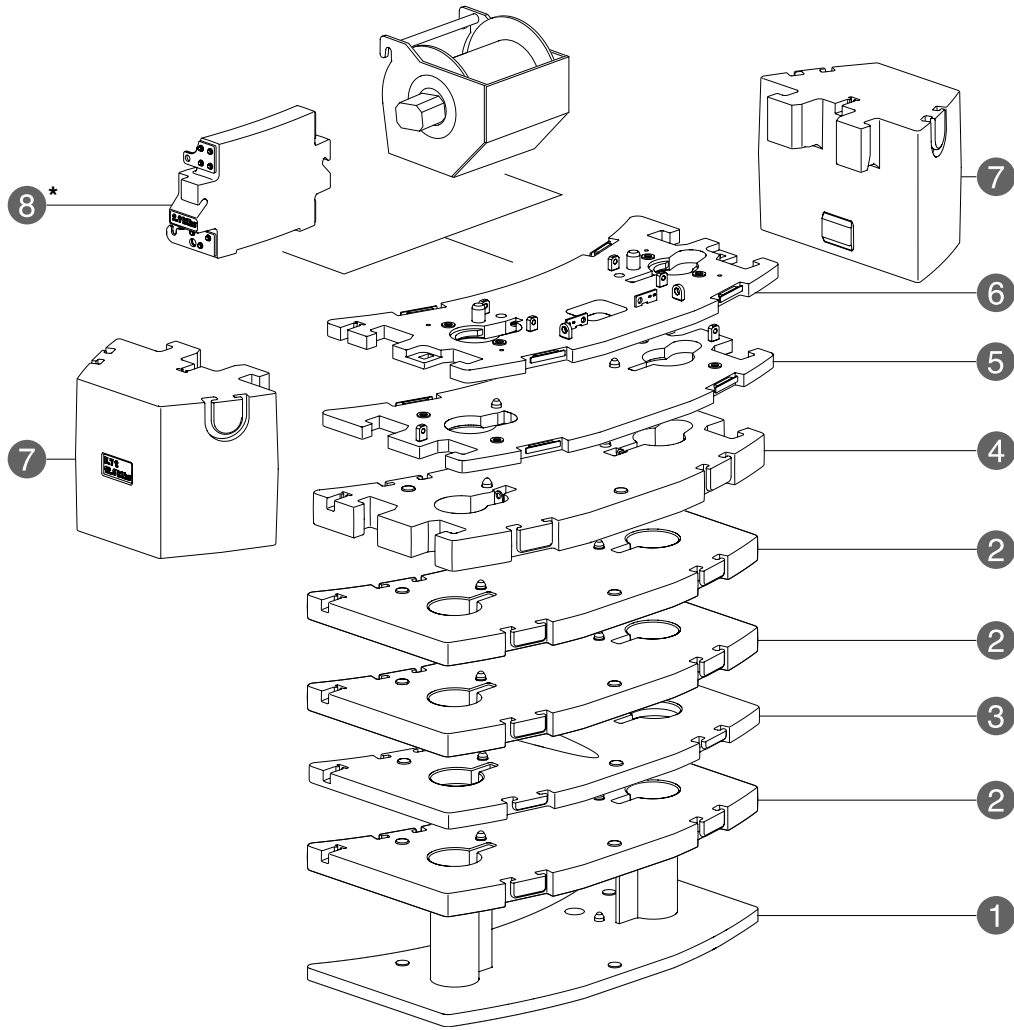
Steering · Direction · Dirección

		v < 18.6 mph v < 30 km/h
		18.6 mph ≤ v ≤ 31.1 mph 30 km/h ≤ v ≤ 50 km/h
		v > 31.1 mph v > 50 km/h
		Manual steering · Direction manuelle · Dirección manual
		Smallest turning circle · Rayon de braquage mini · Mínimo radio
		Diagonal steering · Marche en crabe · Marcha cangrejo
		Rear veering suppression · Suppression de déboîtement AR Supresión de movimiento transversal de parte posterior

TECHNICAL DATA FOR TRANSPORT

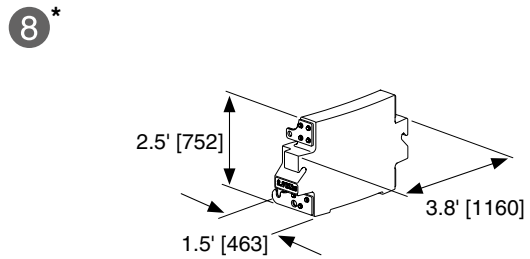
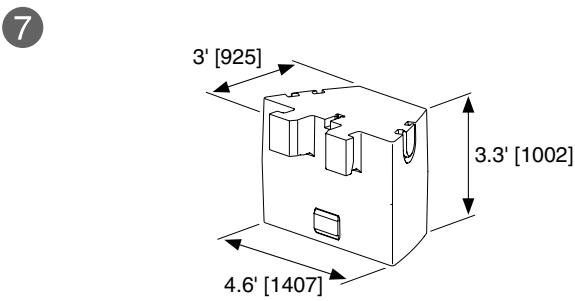
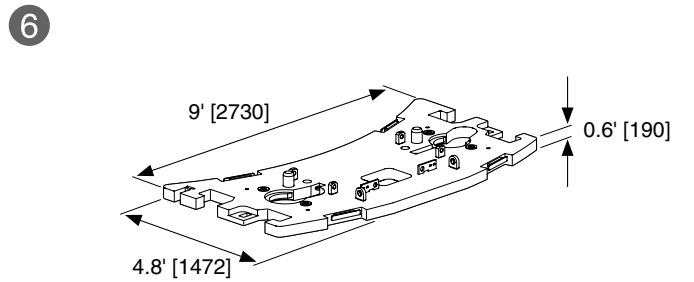
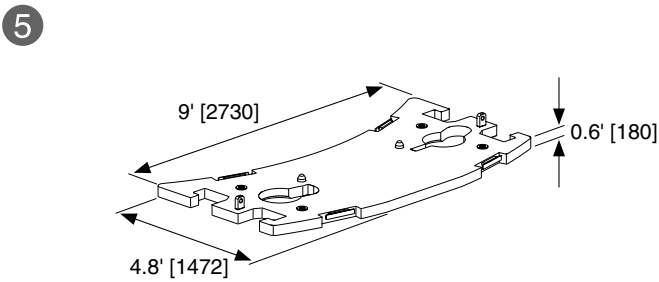
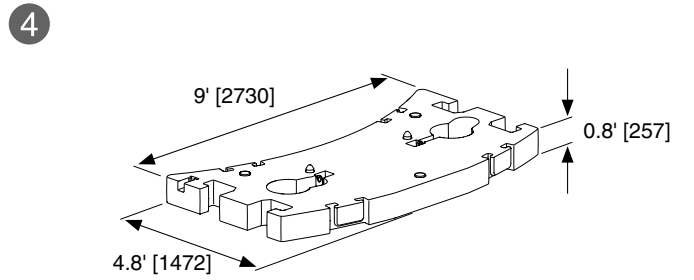
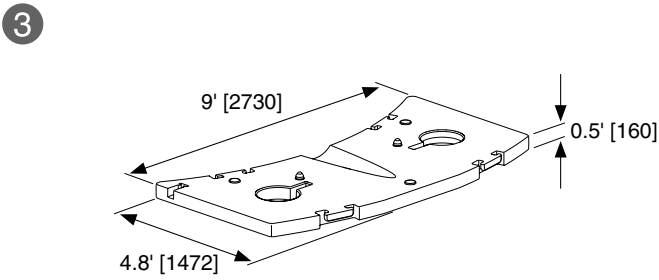
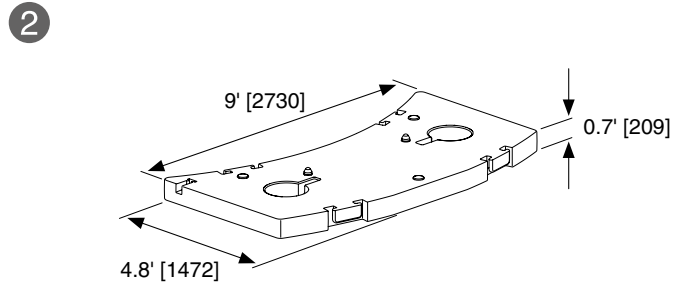
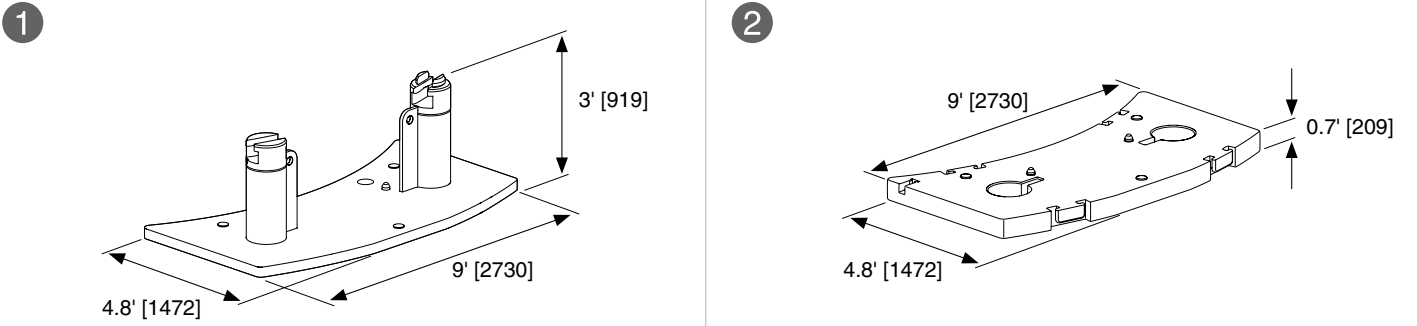
CARACTÉRISTIQUES TECHNIQUES POUR LE TRANSPORT
DATOS TÉCNICOS PARA EL TRANSPORTE



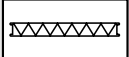
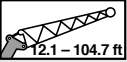

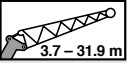



		2,900	6,900	10,600	12,900	16,900	20,400	24,100	25,500	29,200	33,000	36,700	40,500	44,200	49,300	53,000	78,200
		lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs	lbs
		1.3 t	3.1 t	4.8 t	5.8 t	7.5 t	9.2 t	10.9 t	11.5 t	13.2 t	14.9 t	16.6 t	18.3 t	20.0 t	22.3 t	24.0 t	35.4 t
①	6,000 lbs 2.7 t	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1
②	7,500 lbs 3.4 t	-	-	-	-	-	1	1	1	1	2	2	3	3	3	3	3
③	5,100 lbs 2.3 t	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1
④	8,800 lbs 4.0 t	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1
⑤	3,700 lbs 1.7 t	-	-	1	-	1	-	1	-	1	-	1	-	1	-	1	1
⑥	4,000 lbs 1.8 t	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
⑦	12,600 lbs 5.7 t	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
⑧*	2,900 lbs 1.3 t	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

* Can be replaced by 2nd hoist · Peut être remplacé par un 2^e treuil · Sustituible por 2^o cabrestante



* Can be replaced by 2nd hoist · Peut être remplacé par un 2^e treuil · Sustituible por 2^a cabrestante

	ft ↔	m ↔	
	12.1 ft	3.7 m	①
	33.1 ft	10.1 m	① + ③
	58.7 ft	17.9 m	① + ③ + ④
	81.7 ft	24.9 m	① + ② + ③ + ④
	104.7 ft	31.9 m	① + ② + ② + ③ + ④

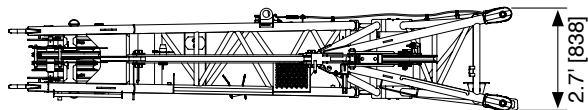
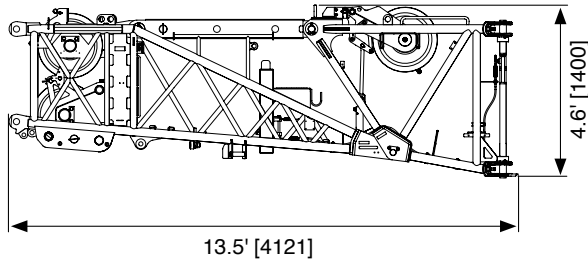
①



1,847



838



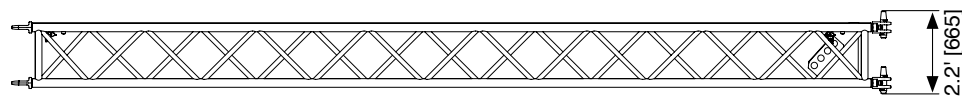
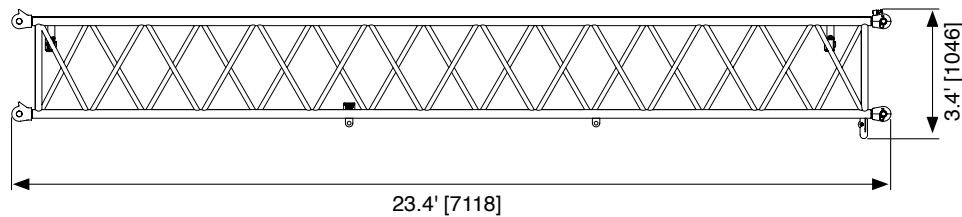
②



1,058

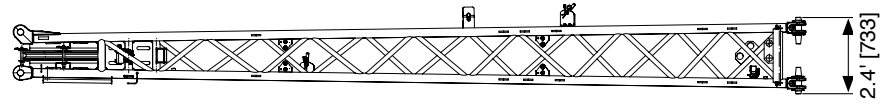
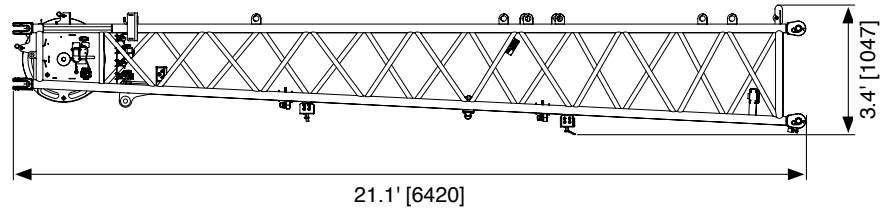


480



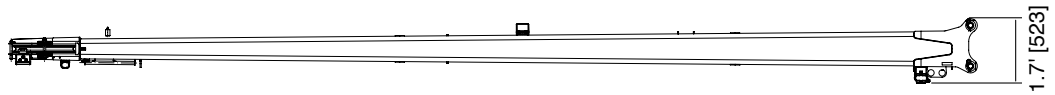
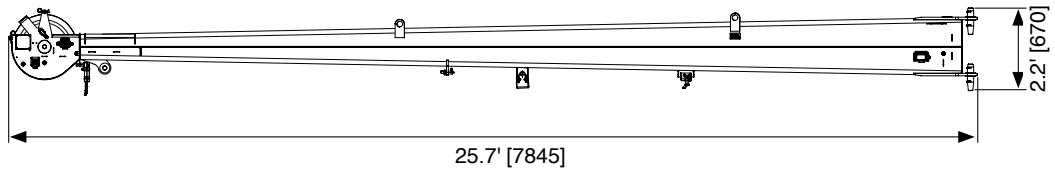
3

lbs kg
1,036 470



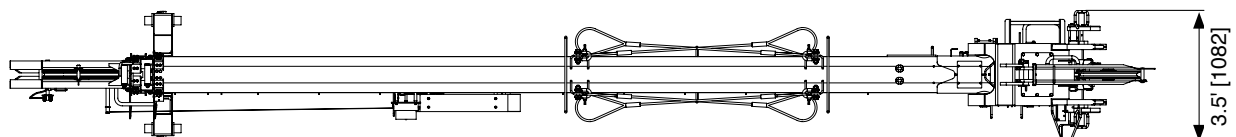
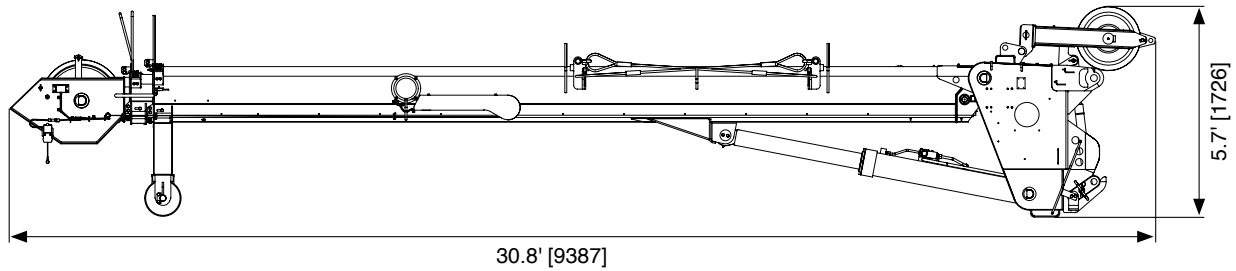
4

lbs kg
937 425



lbs
4.938

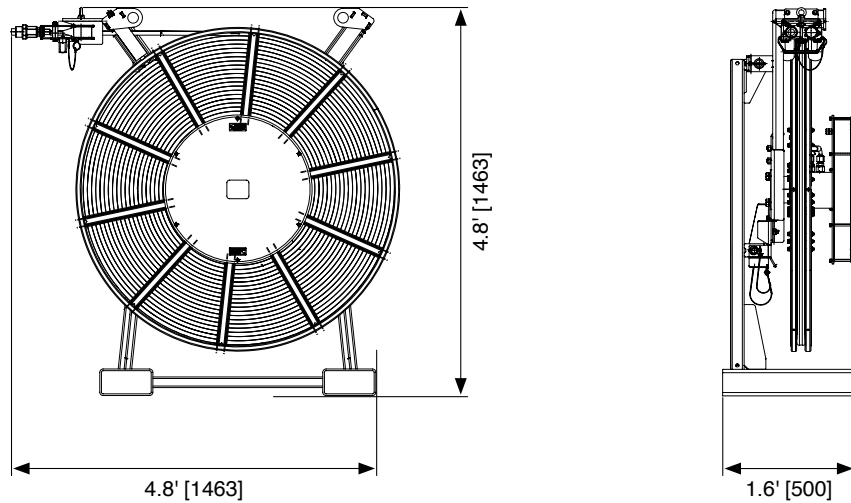
kg
2240



Hose drum for hydraulic jib · Tambour de flexible pour fléchette hydraulique · Devanadera para plumin hidráulico



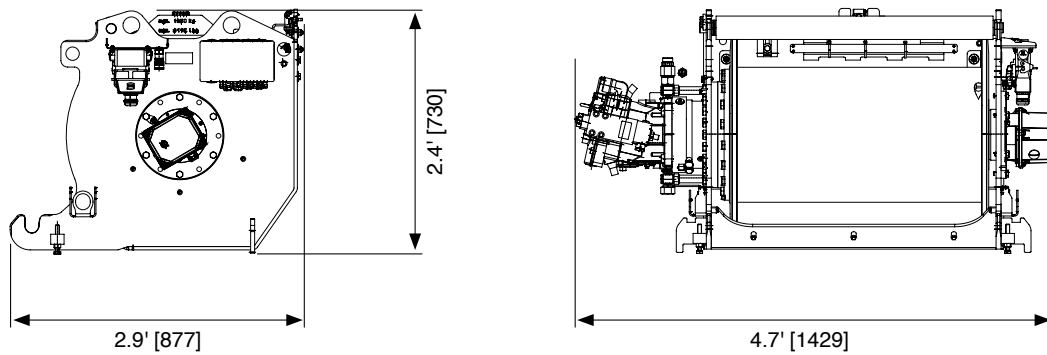
489 222



2nd hoist · Treuil supplémentaire · Cabrestante auxiliar



1,532/ 695/
2,723* 1235*



* with rope · avec câble · con cable

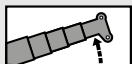
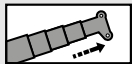
TECHNICAL DATA FOR OPERATION

CARACTÉRISTIQUES TECHNIQUES POUR L'UTILISATION
DATOS TÉCNICOS PARA EL USO



Operation · Utilisation · Uso






Main boom · Flèche principale · Pluma principal

	-1° – 84.7°	~ 45 s
	37.4 ft – 196.9 ft 11.4 m – 60.0 m	~ 560 s





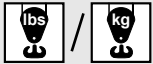
Swing mechanism · Groupe de rotation · Mecanismo de giro

	0 – 2 min ⁻¹		0° / 180°
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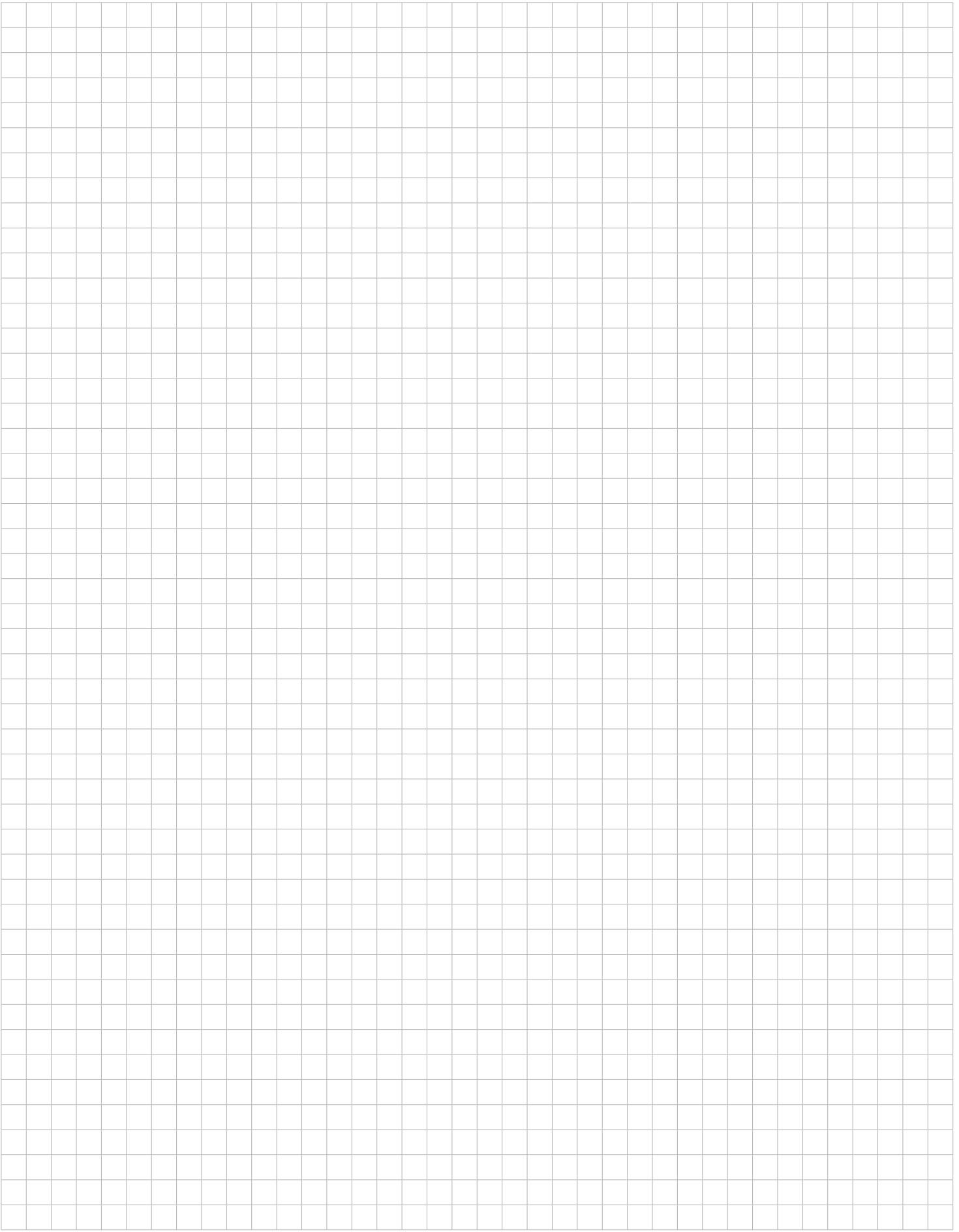
Hoists · Treuils · Cabrestantes

			
	0 – 377 ft/min 0 – 115 m/min	0.83 in / 820.2 ft 21 mm / 250 m	19,109 lbs / 85 kN
	0 – 377 ft/min 0 – 115 m/min	0.83 in / 820.2 ft 21 mm / 250 m	19,109 lbs / 85 kN

Hook blocks · Moufles · Pastecas de carga

				
176.4 US t* / 160 t*	264,555 / 120	7	15	2,866 / 1300
110.2 US t* / 100 t*	202,164 / 91.7	5	11	1,764 / 800
69.4 US t* / 63 t*	130,073 / 59	3	7	1,323 / 600
69.4 US t* / 63 t	130,073 / 59	3	7	1,323 / 600
35.3 US t / 32 t	56,438 / 25.6	1	3	992 / 450
11.0 US t / 10 t	19,109 / 8.7	-	1	661 / 300

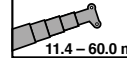
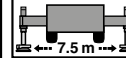


* Twin hook · Moufle avec crochet marin · Gancho doble

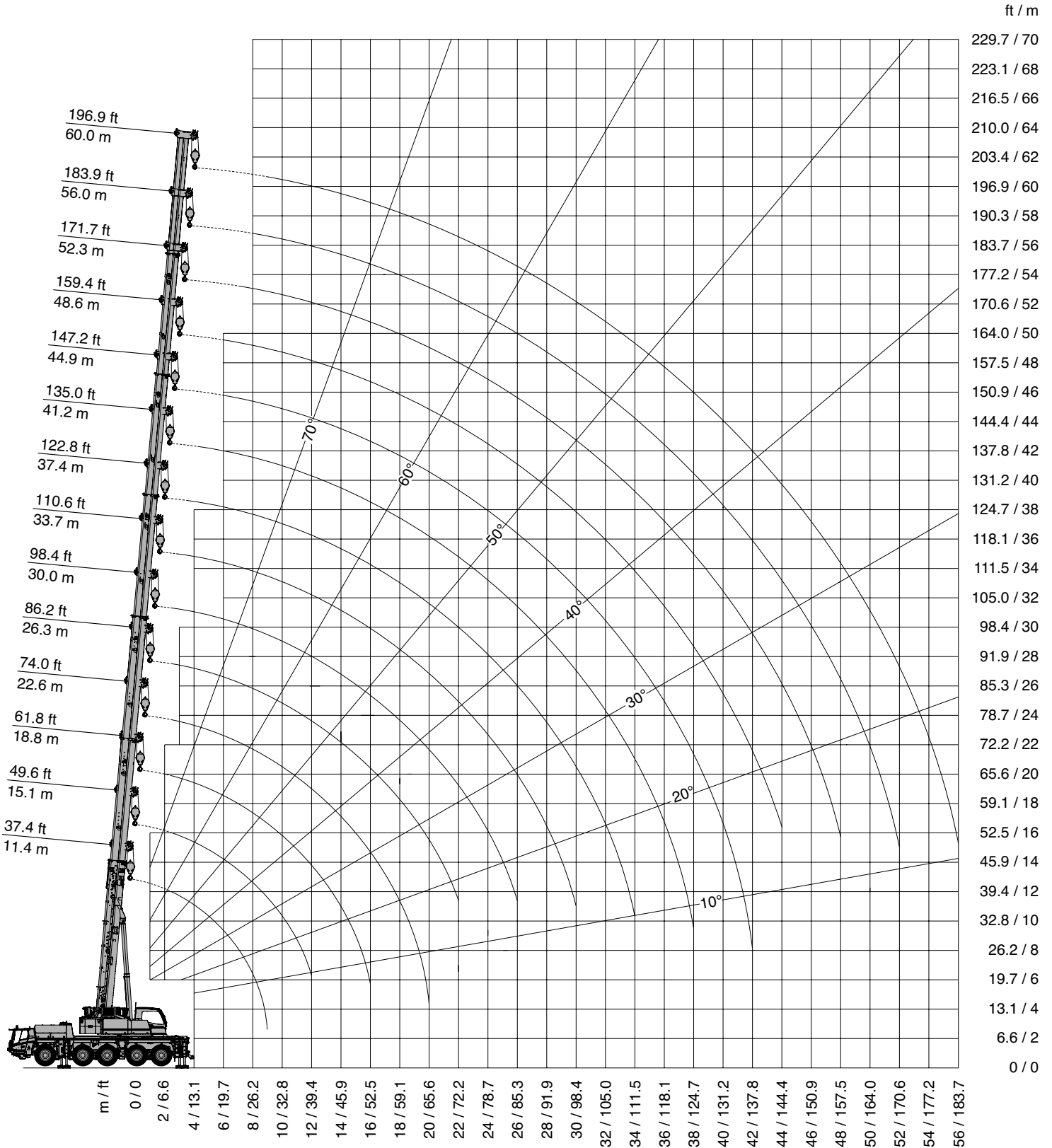


Working range · Rayon de travail · Zona de trabajo




78,200 lbs





35.4 t






78,200 lbs

ASME

lbs x 1,000

ft	37.4 ft*	37.4 ft	49.6 ft	61.8 ft	74.0 ft	86.2 ft	98.4 ft	110.6 ft	122.8 ft	135.0 ft	147.2 ft	159.4 ft	171.7 ft	183.9 ft	196.9 ft
8.2	264.5***	251.3**	176.3	176.3	176.3	154.3	126.9								
9.8	232.1***	227.0**	176.3	176.3	176.3	154.3	126.9	97.2							
11.5	214.7	206.5	176.3	176.3	172.1	154.3	126.9	95.0	75.8						
13.1	195.5	188.9	176.3	176.3	165.3	154.3	126.1	91.2	79.1						
14.8	173.2	173.2	172.4	170.6	165.3	148.1	123.6	87.5	76.2	65.9					
16.4	155.4	155.4	155.6	155.4	154.3	141.9	120.5	83.7	73.6	64.5					
19.7	128.5	128.5	128.7	128.5	128.5	128.3	112.2	78.9	67.9	59.9	52.2	38.5			
23.0	108.6	108.6	108.9	110.0	109.5	108.4	104.0	73.4	62.8	55.7	49.3	41.0	33.2		
26.2	93.0	93.0	93.2	94.3	93.6	94.5	93.9	70.3	58.4	51.8	46.5	39.4	33.2	26.8	
29.5	81.1	81.1	81.1	82.2	83.3	82.8	81.7	65.0	58.4	48.5	43.6	38.1	32.1	26.8	
32.8			71.4	72.5	73.8	73.1	72.0	60.8	54.8	48.0	41.2	37.2	31.3	26.8	22.0
36.1			63.4	65.9	65.9	65.2	64.3	57.5	51.5	46.0	39.0	35.0	30.2	26.8	22.0
39.4			57.0	59.5	59.3	58.8	57.7	54.6	48.5	43.4	38.8	33.5	30.2	26.0	22.0
45.9				49.3	49.1	48.5	47.6	48.9	43.2	38.8	35.2	32.4	27.3	24.4	22.0
52.5				41.6	41.6	41.0	42.3	41.2	38.5	35.0	32.1	29.5	27.1	22.9	20.5
59.1					35.7	36.3	36.3	35.2	34.8	31.9	29.5	26.8	24.6	21.3	19.1
65.6					31.3	32.4	31.7	30.6	30.2	29.1	27.1	24.6	22.9	19.8	18.0
72.2						28.4	27.7	26.8	26.4	26.6	24.9	22.7	21.1	18.5	16.9
78.7							24.6	24.4	23.1	23.3	23.1	20.9	19.6	17.1	15.8
85.3							21.8	21.6	20.7	20.2	21.1	19.6	18.2	15.8	14.7
91.9								18.9	19.4	18.7	18.5	18.0	16.9	14.7	13.8
98.4								17.4	17.6	17.4	16.3	16.3	15.8	13.8	13.0
105.0									15.6	15.6	14.9	14.3	14.9	13.0	12.1
111.5									14.1	14.1	14.1	13.2	13.4	12.1	11.2
118.1										12.5	13.2	12.3	11.9	11.0	10.5
124.7										11.9	11.9	11.2	10.5	9.7	9.7
131.2											10.8	10.1	9.4	8.5	8.5
137.8												9.7	9.0	8.3	7.4
144.4													8.1	7.4	6.6
150.9														6.6	5.9
157.5														5.9	5.0
164.0															4.4
170.6															3.7
177.2															3.0
183.7															2.6

* Over rear · A l'arrière · Hacia atrás

** With additional lifting equipment · Avec équipement de levage supplémentaire · Con equipamiento de elevación adicional

*** Max. Crane Capacity – with additional special equipment · Capacité maximale de la grue (avec équipements spéciaux additionnels) · Capacidad máx. de grúa – con equipamiento especial adicional

Operation · Utilisation · Uso

lbs x 1,000

ft	37.4 ft*	37.4 ft	49.6 ft	61.8 ft	74.0 ft	86.2 ft	98.4 ft	110.6 ft	122.8 ft	135.0 ft	147.2 ft	159.4 ft	171.7 ft	183.9 ft	196.9 ft
8.2	253.0**	249.5**	176.3	176.3	176.3	154.3	126.9								
9.8	232.1**	224.8**	176.3	176.3	176.3	154.3	126.9	97.2							
11.5	208.9	204.1	176.3	176.3	172.1	154.3	126.9	95.0	75.8						
13.1	182.5	182.5	176.3	176.3	165.3	154.3	126.1	91.2	79.1						
14.8	162.0	162.0	162.2	162.0	160.9	148.1	123.6	87.5	76.2	65.9					
16.4	145.2	145.2	145.5	145.2	144.1	141.9	120.5	83.7	73.6	64.5					
19.7	118.8	118.8	119.0	120.1	119.7	118.6	112.2	78.9	67.9	59.9	52.2	38.5			
23.0	99.2	99.2	99.4	100.5	100.0	101.4	100.3	73.4	62.8	55.7	49.3	41.0	33.2		
26.2	84.8	84.8	84.8	85.9	87.5	86.8	85.7	70.3	58.4	51.8	46.5	39.4	33.2	26.8	
29.5	73.8	73.8	73.6	76.0	76.2	75.6	74.5	65.0	58.4	48.5	43.6	38.1	32.1	26.8	
32.8			64.8	67.2	67.2	66.5	65.6	60.8	54.8	48.0	41.2	37.2	31.3	26.8	22.0
36.1			57.7	59.9	59.9	59.3	58.4	57.5	51.5	46.0	39.0	35.0	30.2	26.8	22.0
39.4			53.1	54.0	54.0	53.3	52.2	53.5	48.5	43.4	38.8	33.5	30.2	26.0	22.0
45.9				44.5	44.5	43.8	45.1	43.4	41.6	38.8	35.2	32.4	27.3	24.4	22.0
52.5				36.8	36.5	38.3	37.4	35.9	34.3	33.7	32.1	29.5	27.1	22.9	20.5
59.1					31.7	31.5	30.6	30.4	29.5	28.4	28.8	26.8	24.6	21.3	19.1
65.6					26.8	26.4	25.7	25.3	24.9	25.7	24.6	24.2	22.9	19.8	18.0
72.2						22.4	21.8	22.0	22.4	22.4	21.6	20.9	21.1	18.5	16.9
78.7							18.5	19.6	19.4	19.1	18.7	18.9	18.5	17.1	15.8
85.3							16.5	16.9	16.7	16.5	17.4	16.7	16.0	14.9	14.7
91.9								14.7	14.5	15.4	15.2	14.5	13.8	13.0	12.7
98.4								13.0	12.7	13.4	13.2	12.5	11.9	11.2	11.0
105.0									11.2	11.9	11.6	11.0	10.3	9.4	9.4
111.5									9.9	10.5	10.3	9.7	9.0	8.1	8.1
118.1										9.4	9.0	8.3	7.7	7.0	6.8
124.7										8.3	7.9	7.2	6.8	5.9	5.9
131.2											7.0	6.3	5.7	4.8	4.8
137.8											6.3	5.5	5.0	4.1	3.9
144.4												4.8	4.1	3.3	3.3
150.9													3.5	2.6	2.6
157.5														2.8	1.9
164.0															1.5
170.6															1.1

lbs x 1,000

ft	37.4 ft*	37.4 ft	49.6 ft	61.8 ft	74.0 ft	86.2 ft	98.4 ft	110.6 ft	122.8 ft	135.0 ft	147.2 ft	159.4 ft	171.7 ft	183.9 ft	196.9 ft
8.2	253.0**	246.2**	176.3	176.3	176.3	154.3	126.9								
9.8	226.1**	221.3**	176.3	176.3	176.3	154.3	126.9	97.2							
11.5	194.2	194.2	176.3	176.3	172.1	154.3	126.9	95.0	75.8						
13.1	169.7	169.7	169.0	167.7	165.3	154.3	126.1	91.2	79.1						
14.8	150.3	150.3	150.5	150.3	149.0	148.1	123.6	87.5	76.2	65.9					
16.4	133.1	133.1	133.3	134.4	134.0	132.7	120.5	83.7	73.6	64.5					
19.7	107.5	107.5	107.8	108.9	108.4	109.1	102.9	78.9	67.9	59.9	52.2	38.5			
23.0	89.7	89.7	89.9	91.0	92.3	90.6	83.9	73.4	62.8	55.7	49.3	41.0	33.2		
26.2	76.5	76.5	76.5	79.1	79.1	75.6	69.8	68.5	58.4	51.8	46.5	39.4	33.2	26.8	
29.5	66.3	66.3	66.3	68.7	67.9	63.4	61.7	58.4	55.3	48.5	43.6	38.1	32.1	26.8	
32.8			59.7	60.6	57.9	54.4	54.2	52.0	48.2	46.2	41.2	37.2	31.3	26.8	22.0
36.1			50.4	51.8	50.2	50.2	47.3	45.4	42.7	41.2	39.0	35.0	30.2	26.8	22.0
39.4			42.9	44.0	44.0	44.3	42.1	40.3	37.9	37.4	35.9	33.5	30.2	26.0	22.0
45.9				34.6	35.2	35.0	33.7	33.0	32.1	31.5	29.7	28.2	27.3	24.4	22.0
52.5				27.5	27.9	27.7	26.8	27.7	27.1	26.0	25.5	24.6	23.3	21.8	20.5
59.1					22.7	22.4	23.1	22.7	22.7	22.2	22.0	20.7	19.6	18.0	17.6
65.6					18.7	18.5	19.1	18.7	18.5	19.6	18.9	17.6	16.5	15.2	14.7
72.2						15.4	16.0	16.5	15.4	16.3	16.0	14.9	13.8	12.5	12.3
78.7							13.6	14.5	13.0	13.8	13.6	12.7	11.9	10.5	10.3
85.3							11.4	12.3	11.0	11.6	11.4	10.8	10.1	8.8	8.5
91.9								10.5	9.2	9.9	9.7	9.0	8.3	7.4	7.2
98.4								9.2	7.7	8.5	8.3	7.7	7.0	6.1	5.9
105.0									6.6	7.2	7.0	6.3	5.7	4.8	4.8
111.5									5.7	6.1	5.9	5.2	4.6	3.7	3.7
118.1										5.2	5.0	4.4	3.7	2.8	2.8
124.7										4.6	4.1	3.5	2.8	1.9	1.9
131.2											3.5	2.8	2.2	1.3	1.3
137.8											2.8	2.2	1.5		
144.4												1.5			

* Over rear · A l'arrière · Hacia atrás
 ** With additional lifting equipment · Avec équipement de levage supplémentaire · Con equipamiento de elevación adicional

lbs x 1,000

ft	37.4 ft*	37.4 ft	49.6 ft	61.8 ft	74.0 ft	86.2 ft	98.4 ft	110.6 ft	122.8 ft	135.0 ft	147.2 ft	159.4 ft	171.7 ft	183.9 ft	196.9 ft
8.2	253.0**	245.8**	176.3	176.3	176.3	154.3	126.9								
9.8	223.5**	220.9**	176.3	176.3	176.3	154.3	126.9	97.2							
11.5	192.0	192.0	176.3	176.3	172.1	154.3	126.9	95.0	75.8						
13.1	167.7	167.7	166.8	165.7	165.3	154.3	126.1	91.2	79.1						
14.8	147.9	147.9	148.1	148.5	146.6	147.7	123.6	87.5	76.2	65.9					
16.4	130.9	130.9	131.1	132.4	131.8	130.7	120.5	83.7	73.6	64.5					
19.7	105.8	105.8	106.0	107.1	106.7	106.9	98.5	78.9	67.9	59.9	52.2	38.5			
23.0	88.1	88.1	88.4	89.5	91.0	86.6	80.2	73.4	62.8	55.7	49.3	41.0	33.2		
26.2	75.1	75.1	75.3	77.8	76.7	71.6	66.3	65.0	58.4	51.8	46.5	39.4	33.2	26.8	
29.5	65.2	65.2	65.6	67.6	64.1	60.1	59.5	56.2	52.2	48.5	43.6	38.1	32.1	26.8	
32.8			57.3	57.5	54.8	54.4	51.1	49.1	46.0	43.6	41.2	37.2	31.3	26.8	22.0
36.1			47.6	48.9	47.3	47.6	44.9	42.9	40.3	39.4	38.1	35.0	30.2	26.8	22.0
39.4			41.4	41.6	43.8	41.8	39.6	38.8	35.7	36.8	34.1	32.8	30.2	26.0	22.0
45.9				32.8	33.2	33.0	31.5	31.0	30.8	29.5	27.9	27.9	26.6	24.4	22.0
52.5				25.7	26.2	26.0	25.5	26.2	25.3	24.4	24.6	23.1	21.8	20.2	19.6
59.1					21.1	20.9	21.8	21.3	21.1	21.6	20.7	19.4	18.2	16.7	16.3
65.6					17.4	17.1	17.8	17.8	17.4	18.2	17.6	16.3	15.2	13.8	13.4
72.2						14.3	14.9	15.8	14.3	15.2	14.9	13.8	12.7	11.4	11.2
78.7							12.5	13.4	11.9	12.7	12.5	11.6	10.8	9.7	9.2
85.3							10.5	11.4	9.9	10.8	10.5	9.9	9.2	7.9	7.7
91.9								9.9	8.3	9.2	9.0	8.1	7.7	6.6	6.3
98.4								8.3	7.0	7.7	7.4	6.8	6.1	5.2	5.0
105.0									5.9	6.6	6.3	5.7	5.0	4.1	3.9
111.5									4.8	5.5	5.2	4.6	3.9	3.0	3.0
118.1										4.6	4.4	3.7	3.0	2.2	2.2
124.7										3.9	3.5	2.8	2.4	1.5	1.3
131.2											2.8	2.2	1.5		
137.8											2.4	1.5	1.1		
144.4												1.1			

lbs x 1,000

ft	37.4 ft*	37.4 ft	49.6 ft	61.8 ft	74.0 ft	86.2 ft	98.4 ft	110.6 ft	122.8 ft	135.0 ft	147.2 ft	159.4 ft	171.7 ft	183.9 ft	196.9 ft
8.2	253.0**	244.9**	176.3	176.3	176.3	154.3	126.9								
9.8	219.8**	219.8**	176.3	176.3	176.3	154.3	126.9	97.2							
11.5	188.7	188.7	176.3	176.3	172.1	154.3	126.9	95.0	75.8						
13.1	165.1	165.1	165.3	164.9	163.8	154.3	126.1	91.2	79.1						
14.8	144.6	144.6	145.0	146.1	145.7	144.4	123.6	87.5	76.2	65.9					
16.4	128.0	128.0	128.3	129.6	128.9	124.5	117.9	83.7	73.6	64.5					
19.7	103.3	103.3	103.6	104.9	104.2	100.5	92.5	78.9	67.9	59.9	52.2	38.5			
23.0	86.2	86.2	86.4	88.8	87.0	80.9	74.2	72.5	62.8	55.7	49.3	41.0	33.2	26.8	
26.2	73.4	73.4	73.4	75.3	70.9	66.1	65.0	60.8	56.6	51.8	46.5	39.4	33.2	26.8	
29.5	63.0	62.3	65.0	62.6	59.3	58.2	54.8	52.4	49.1	46.2	43.6	38.1	32.1	26.8	
32.8			52.9	53.1	50.4	50.4	47.6	45.6	42.3	41.4	39.9	37.2	31.3	26.8	22.0
36.1			43.8	45.1	46.0	43.8	41.4	40.3	37.9	38.1	35.0	33.7	30.2	26.8	22.0
39.4			37.9	38.8	40.5	38.5	36.3	35.7	35.2	33.7	31.7	30.2	29.9	26.0	22.0
45.9				30.2	30.6	30.4	28.8	29.3	28.2	27.1	27.3	25.5	24.2	22.4	21.6
52.5				23.5	24.0	23.8	24.6	24.0	23.1	23.3	22.4	20.9	19.8	18.0	17.6
59.1					19.1	18.9	19.8	19.6	19.1	19.6	18.7	17.4	16.3	14.7	14.3
65.6					16.7	15.4	16.3	17.1	15.6	16.5	15.8	14.5	13.6	12.1	11.9
72.2						13.2	13.4	14.3	12.7	13.6	13.4	12.3	11.2	9.9	9.7
78.7							11.2	12.1	10.5	11.4	11.2	10.3	9.4	8.1	7.9
85.3							9.4	10.1	8.8	9.4	9.2	8.5	7.9	6.6	6.3
91.9								8.5	7.2	7.9	7.7	7.0	6.3	5.2	5.0
98.4								7.4	5.9	6.6	6.3	5.7	5.2	4.1	3.9
105.0									4.8	5.5	5.2	4.6	3.9	3.0	2.8
111.5									3.9	4.6	4.4	3.7	3.0	2.2	1.9
118.1										3.7	3.5	2.8	2.2	1.3	1.3
124.7										3.0	2.8	1.9	1.5		
131.2											2.2	1.5			
137.8											1.5				

* Over rear · A l'arrière · Hacia atrás
 ** With additional lifting equipment · Avec équipement de levage supplémentaire · Con equipamiento de elevación adicional

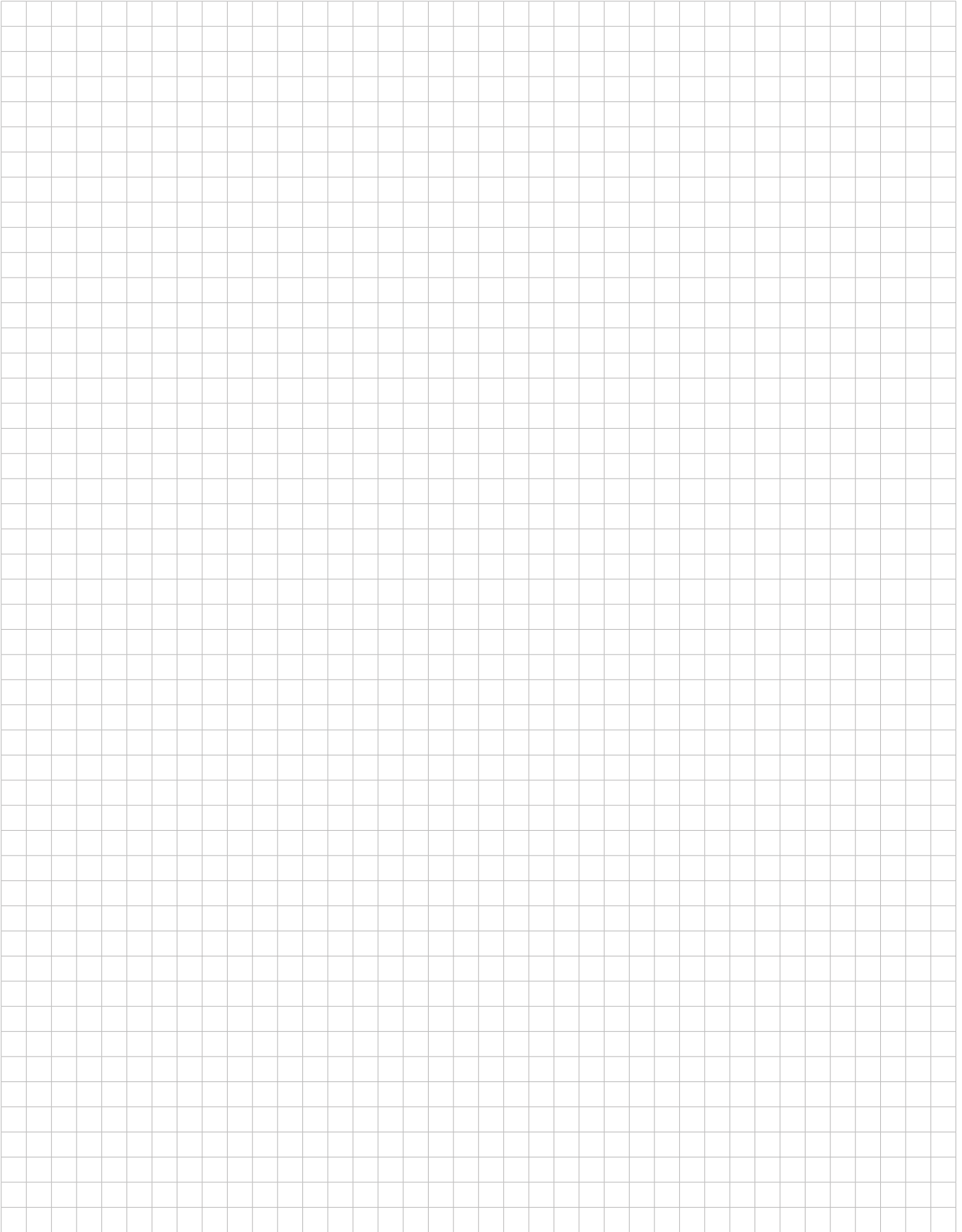
lbs x 1,000

ft	37.4 ft*	37.4 ft	49.6 ft	61.8 ft	74.0 ft	86.2 ft	98.4 ft	110.6 ft	122.8 ft	135.0 ft	147.2 ft	159.4 ft	171.7 ft	183.9 ft	196.9 ft
8.2	248.0**	242.0**	176.3	176.3	176.3	154.3	126.9								
9.8	207.6	207.6	176.3	176.3	176.3	154.3	126.9	97.2							
11.5	178.3	178.3	176.3	176.3	172.1	154.3	126.9	95.0	75.8						
13.1	153.2	153.2	153.6	154.3	153.2	135.8	125.8	91.2	79.1						
14.8	133.6	133.6	134.0	135.1	127.4	118.8	106.7	87.5	76.2	65.9					
16.4	118.1	118.1	118.3	119.2	111.9	101.8	90.6	83.7	73.6	64.5					
19.7	95.2	95.2	92.8	89.9	82.8	75.3	72.7	67.4	61.0	57.5	52.2	38.5			
23.0	79.1	76.5	72.5	68.7	64.1	62.6	57.9	55.5	50.0	49.1	45.6	41.0	33.2		
26.2	60.4	57.5	57.0	54.8	54.4	51.1	47.6	45.8	44.5	42.1	39.0	36.5	33.2	26.8	
29.5	47.6	44.0	47.6	46.9	45.1	42.7	39.6	39.4	37.6	35.7	35.4	33.0	30.2	26.8	
32.8			38.5	39.6	38.3	36.3	35.9	33.9	32.4	32.1	30.6	28.4	26.6	24.4	22.0
36.1			31.5	33.7	32.8	31.3	31.0	29.3	28.2	28.2	26.8	24.9	23.3	21.3	20.5
39.4			26.2	28.2	28.6	27.3	27.1	27.1	24.6	24.6	23.5	21.8	20.5	18.5	17.8
45.9				20.7	22.4	21.1	21.1	21.6	19.1	19.6	18.7	17.1	15.8	14.3	13.6
52.5				15.6	17.1	17.6	16.7	17.4	15.2	15.6	14.9	13.6	12.5	11.0	10.5
59.1					13.4	13.8	13.0	14.1	12.3	12.7	12.1	10.8	9.9	8.5	8.1
65.6					10.8	11.0	10.3	11.2	9.7	10.3	9.7	8.5	7.7	6.3	6.1
72.2						8.8	8.1	9.0	7.4	8.3	7.9	6.8	5.9	4.8	4.4
78.7							6.3	7.2	5.7	6.6	6.3	5.2	4.6	3.3	3.0
85.3							5.0	5.9	4.4	5.2	5.0	4.1	3.3	2.2	1.9
91.9								4.6	3.3	3.9	3.7	3.0	2.2	1.1	
98.4								3.7	2.2	3.0	2.8	1.9	1.3		
105.0									1.5	2.2	1.9	1.1			
111.5										1.5	1.1				


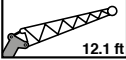
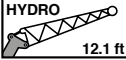


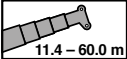
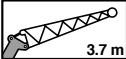
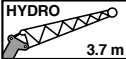
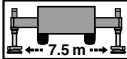

lbs x 1,000

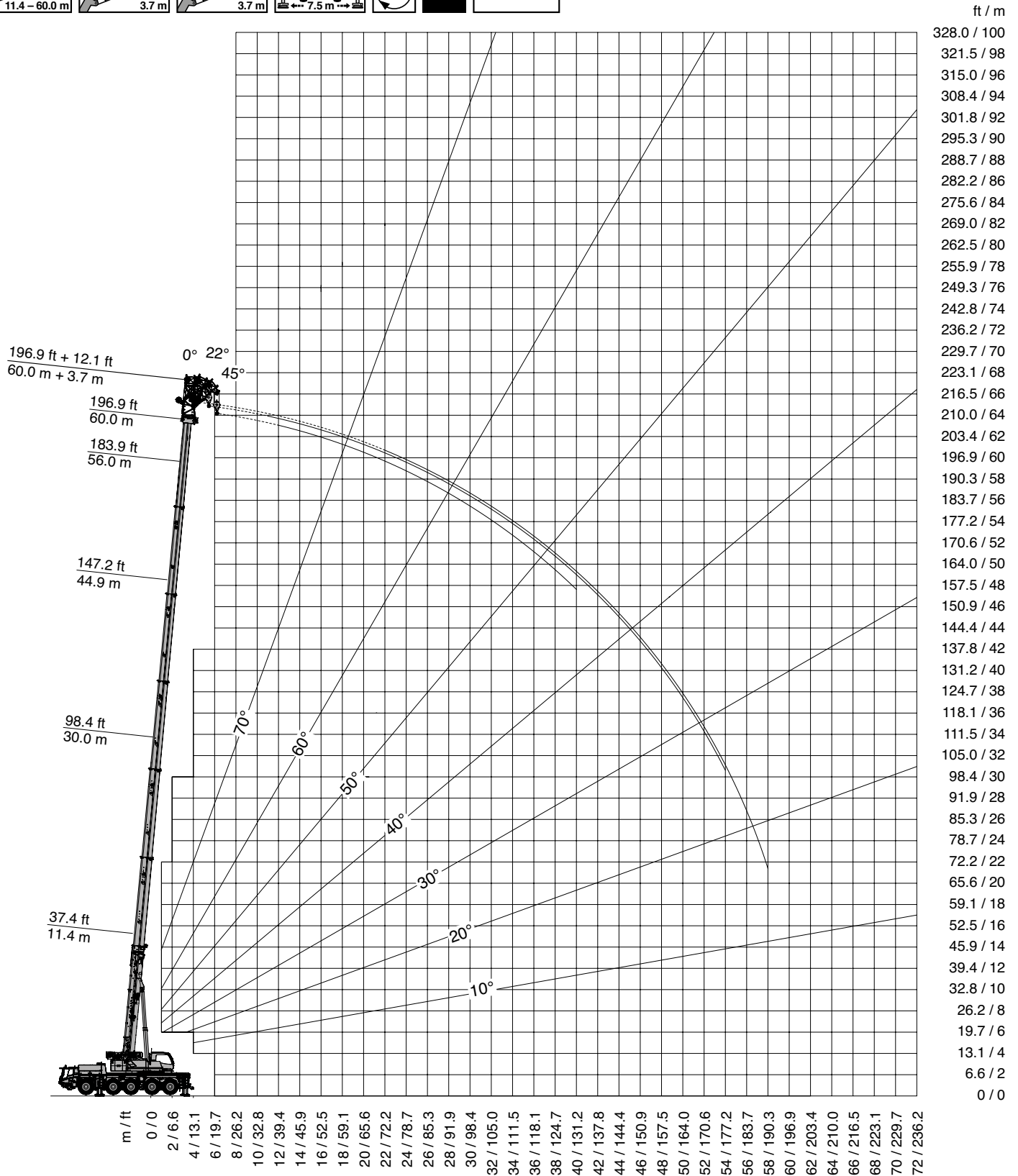
ft	37.4 ft*	37.4 ft	49.6 ft	61.8 ft	74.0 ft	86.2 ft	98.4 ft	110.6 ft	122.8 ft	135.0 ft	147.2 ft	159.4 ft	171.7 ft	183.9 ft	196.9 ft
8.2	245.1**	241.1**	176.3	176.3	176.3	154.3	126.9								
9.8	205.4	205.4	176.3	176.3	176.3	154.3	126.9	97.2							
11.5	176.1	176.1	175.4	174.1	172.1	154.3	126.9	95.0	75.8						
13.1	151.0	151.0	151.2	152.5	147.7	129.8	120.3	91.2	79.1						
14.8	131.6	131.6	131.8	133.1	121.9	113.7	101.4	87.5	76.2	65.9					
16.4	116.4	116.4	116.6	114.1	107.1	96.1	85.5	81.3	73.6	64.5					
19.7	93.6	93.6	87.3	84.8	78.0	73.4	69.0	63.9	58.6	54.6	51.8	38.5			
23.0	76.0	71.8	68.1	64.8	63.0	59.0	54.6	52.2	49.1	47.3	43.8	38.5	33.2		
26.2	57.3	54.0	53.5	52.0	51.1	48.2	44.7	44.0	41.8	39.4	37.4	34.1	31.5	26.8	
29.5	45.1	41.0	44.7	44.0	42.5	40.1	38.8	37.0	35.2	35.0	33.2	30.8	28.8	26.4	
32.8			35.9	37.0	35.9	34.1	33.7	31.7	30.2	30.2	28.6	26.6	24.9	22.7	21.8
36.1			29.3	31.5	30.8	29.3	29.1	28.8	26.2	26.2	24.9	23.1	21.6	19.6	18.7
39.4			24.4	26.4	26.6	25.3	25.3	25.5	22.9	23.1	22.0	20.2	18.7	16.9	16.3
45.9				19.1	20.9	19.8	19.6	20.0	17.8	18.0	17.1	15.8	14.5	13.0	12.3
52.5				14.3	15.8	16.3	15.4	16.0	14.1	14.5	13.6	12.3	11.2	9.9	9.4
59.1					12.5	12.7	11.9	13.0	11.2	11.6	11.0	9.7	8.8	7.4	7.0
65.6					9.9	10.1	9.2	10.3	8.8	9.4	8.8	7.7	6.8	5.5	5.0
72.2						7.9	7.2	8.1	6.6	7.4	7.0	5.9	5.0	3.7	3.5
78.7							5.7	6.6	5.0	5.9	5.5	4.4	3.5	2.4	2.2
85.3							4.4	5.0	3.7	4.6	4.1	3.3	2.4	1.3	1.1
91.9								3.9	2.6	3.3	3.0	2.2	1.3		
98.4								3.0	1.5	2.4	2.2	1.3			
105.0										1.5	1.3				

* Over rear · A l'arrière · Hacia atrás
 ** With additional lifting equipment · Avec équipement de levage supplémentaire · Con equipamiento de elevación adicional

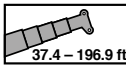
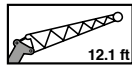

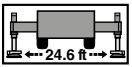



Working range · Rayon de travail · Zona de trabajo

 37.4 – 196.9 ft	 12.1 ft	 12.1 ft	 24.6 ft	 360°	78,200 lbs	ASME
 11.4 – 60.0 m	 3.7 m	 3.7 m	 7.5 m	 360°	35.4 t	ASME

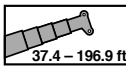
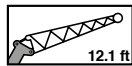
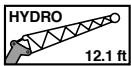
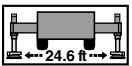



Lifting capacities · Charges de levage · Cargas

 37.4 – 196.9 ft
  12.1 ft
  12.1 ft
  24.6 ft
  360°
 78,200 lbs
ASME

lbs x 1,000

ft	37.4 ft + 12.1 ft			98.4 ft + 12.1 ft			147.2 ft + 12.1 ft			183.9 ft + 12.1 ft			196.9 ft + 12.1 ft		
	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°
9.8	110.8	78.0	56.6												
11.5	103.3	75.1	55.7												
13.1	96.7	72.5	54.6		82.2										
14.8	90.8	70.3	53.7		80.0	58.6									
16.4	85.7	68.3	53.1		78.2	57.9									
19.7	77.3	64.5	52.0	77.8	73.4	56.6									
23.0	70.5	61.7	51.1	77.8	68.5	55.5		33.7							
26.2	64.8	59.3	50.7	77.8	66.1	54.4		33.7	33.7						
29.5	60.4	56.4	50.7	76.5	63.7	53.5		33.7	33.7						
32.8	56.4	54.2		72.0	61.7	52.2		33.7	33.7						
36.1	53.5	52.6		64.5	59.7	50.9	33.7	33.7	33.7		19.4	19.4	16.9		
39.4	51.3	52.2		57.9	57.9	50.2	32.4	32.4	33.5		19.4	19.4	16.9	16.9	
45.9				47.8	48.2	48.7	31.5	31.0	30.8	19.4	19.4	19.4	16.9	16.9	16.7
52.5				40.1	40.5	41.0	28.4	28.2	27.9	19.4	19.4	19.4	16.3	16.0	15.8
59.1				34.3	34.6	34.8	26.0	25.5	25.5	19.4	19.4	19.4	15.2	14.9	14.9
65.6				29.5	29.9	30.2	23.5	23.5	23.5	18.0	18.2	18.0	14.3	14.1	14.1
72.2				26.0	26.0	26.2	21.8	21.6	21.6	16.9	16.9	16.9	13.4	13.2	13.2
78.7				23.8	23.1		20.0	20.0	20.0	15.8	15.8	15.8	12.5	12.5	12.3
85.3				21.6	21.3		18.5	18.5	18.5	14.7	14.7	14.7	11.9	11.6	11.6
91.9				18.9	19.1		17.1	17.1	17.1	13.6	13.6	13.6	11.2	11.0	11.0
98.4				16.7			15.4	15.6	15.6	12.7	12.7	12.7	10.5	10.5	10.3
105.0							13.4	13.6	13.6	11.9	11.9	11.9	9.9	9.9	9.9
111.5							12.3	12.3		11.0	11.0	11.0	9.2	9.2	9.2
118.1							11.2	11.4		10.3	10.3	10.3	8.5	8.5	8.5
124.7							10.3	10.1		9.0	9.2	9.2	7.9	8.1	8.1
131.2							9.9	9.7		7.7	7.9		7.4	7.4	7.4
137.8							9.0	9.0		6.8	6.8		6.8	7.0	
144.4							7.9			5.9	5.9		5.9	6.1	
150.9										5.0	5.0		5.0	5.2	
157.5										4.1	4.4		4.4	4.4	
164.0										3.5	3.5		3.7	3.7	
170.6										2.8	3.0		3.0	3.0	
177.2										2.4			2.4	2.4	
183.7										1.7			1.7		
190.3													1.3		

 37.4 – 196.9 ft
  12.1 ft
  12.1 ft
  24.6 ft
  360°
 53,000 lbs
ASME

lbs x 1,000

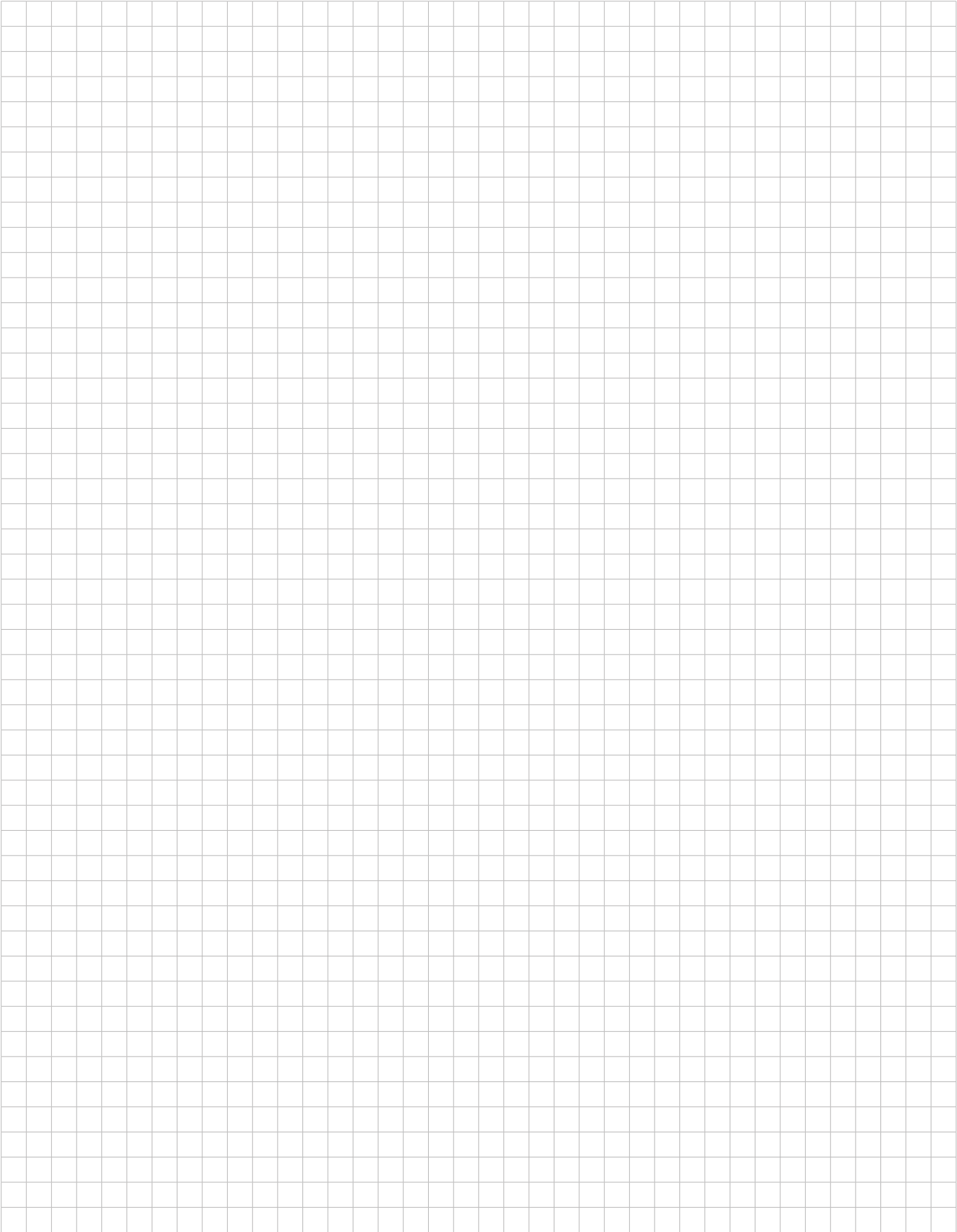
ft	37.4 ft + 12.1 ft			98.4 ft + 12.1 ft			147.2 ft + 12.1 ft			183.9 ft + 12.1 ft			196.9 ft + 12.1 ft		
	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°
9.8	110.8	78.0	56.6												
11.5	103.3	75.1	55.7												
13.1	96.7	72.5	54.6		82.2										
14.8	90.8	70.3	53.7		80.0	58.6									
16.4	85.7	68.3	53.1		78.2	57.9									
19.7	77.3	64.5	52.0	77.8	73.4	56.6									
23.0	70.5	61.7	51.1	77.8	68.5	55.5		33.7							
26.2	64.8	59.3	50.7	77.8	66.1	54.4		33.7	33.7						
29.5	60.4	56.4	50.7	74.7	63.7	53.5		33.7	33.7						
32.8	56.4	54.2		65.9	61.7	52.2		33.7	33.7						
36.1	53.5	52.6		58.6	59.5	50.9	33.7	33.7	33.7		19.4	19.4	16.9		
39.4	51.3	52.2		52.4	53.3	50.2	32.4	32.4	33.5		19.4	19.4	16.9	16.9	
45.9				42.3	43.2	43.8	31.5	31.0	30.8	19.4	19.4	19.4	16.9	16.9	16.7
52.5				35.0	35.4	35.9	28.4	28.2	27.9	19.4	19.4	19.4	16.3	16.0	15.8
59.1				29.1	29.3	29.5	26.0	25.5	25.5	19.4	19.4	19.4	15.2	14.9	14.9
65.6				25.5	24.9	24.2	23.1	23.5	23.5	18.0	18.2	18.0	14.3	14.1	14.1
72.2				21.6	22.0	22.0	19.8	20.2	20.5	16.9	16.9	16.9	13.4	13.2	13.2
78.7				19.1	19.1		18.0	18.0	17.8	15.8	15.8	15.8	12.5	12.5	12.3
85.3				16.5	16.7		15.4	15.6	15.8	13.8	14.1	14.5	11.9	11.6	11.6
91.9				14.3	14.5		13.6	13.4	13.6	11.9	12.3	12.5	11.2	11.0	11.0
98.4				12.5			12.5	12.3	12.3	10.3	10.5	10.8	10.1	10.3	10.3
105.0							11.0	11.0	11.2	8.8	9.0	9.0	8.8	9.0	9.2
111.5							9.4	9.7		7.2	7.4	7.7	7.4	7.7	7.9
118.1							8.3	8.3		6.1	6.3	6.3	6.3	6.6	6.6
124.7							7.2	7.2		5.0	5.2	5.2	5.2	5.5	5.5
131.2							6.3	6.3		4.1	4.1		4.4	4.4	4.6
137.8							5.5	5.5		3.3	3.5		3.5	3.5	
144.4							4.6			2.4	2.6		2.6	2.8	
150.9										1.7	1.9		1.9	1.9	
157.5										1.3	1.3		1.3	1.5	

lbs x 1,000

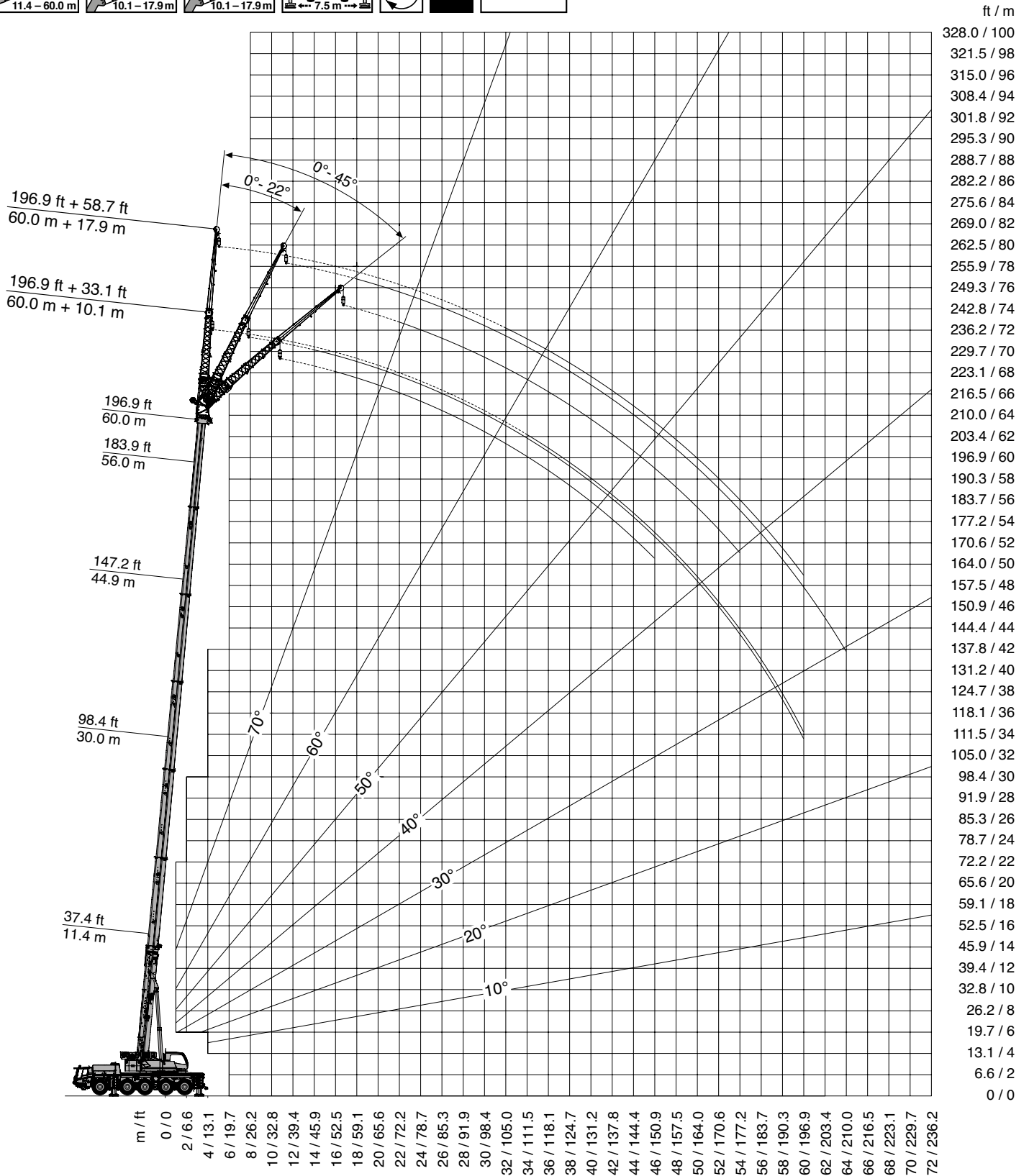
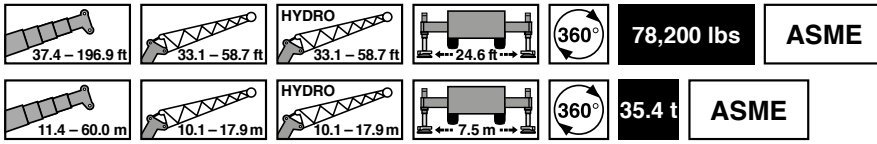
ft	37.4 ft + 12.1 ft			98.4 ft + 12.1 ft			147.2 ft + 12.1 ft			183.9 ft + 12.1 ft			196.9 ft + 12.1 ft		
	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°
9.8	110.8	78.0	56.6												
11.5	103.3	75.1	55.7												
13.1	96.7	72.5	54.6		82.2										
14.8	90.8	70.3	53.7		80.0	58.6									
16.4	85.7	68.3	53.1		78.2	57.9									
19.7	77.3	64.5	52.0	77.8	73.4	56.6									
23.0	70.5	61.7	51.1	77.8	68.5	55.5		33.7							
26.2	64.8	59.3	50.7	67.6	66.1	54.4		33.7	33.7						
29.5	60.4	56.4	50.7	57.3	58.8	53.5		33.7	33.7						
32.8	56.4	54.2		49.8	51.1	51.5		33.7	33.7						
36.1	52.6	52.6		43.4	44.5	45.4	33.7	33.7	33.7		19.4	19.4	16.9		
39.4	44.7	44.9		38.1	39.0	39.9	32.4	32.4	33.5		19.4	19.4	16.9	16.9	
45.9				32.6	30.8	31.5	28.4	27.9	28.6	19.4	19.4	19.4	16.9	16.9	16.7
52.5				27.5	27.3	27.1	23.3	24.0	23.1	19.4	19.4	19.4	16.3	16.0	15.8
59.1				22.4	22.9	23.1	19.6	19.8	20.2	16.7	17.4	17.8	15.2	14.9	14.9
65.6				18.5	18.7	18.9	17.6	17.4	16.9	13.8	14.3	14.7	13.6	14.1	14.1
72.2				15.6	15.6	15.6	14.9	15.4	15.6	11.4	11.9	12.3	11.2	11.6	12.1
78.7				13.2	13.4		12.7	13.2	13.4	9.4	9.9	10.1	9.2	9.7	9.9
85.3				11.2	11.2		10.8	11.0	11.2	7.7	8.1	8.3	7.7	7.9	8.1
91.9				9.9	9.9		9.0	9.2	9.4	6.3	6.6	6.8	6.1	6.6	6.8
98.4				9.0			7.4	7.7	7.9	5.0	5.2	5.5	4.8	5.2	5.2
105.0							6.3	6.3	6.6	3.9	4.1	4.4	3.7	4.1	4.1
111.5							5.2	5.2		2.8	3.0	3.3	2.8	3.0	3.3
118.1							4.1	4.4		1.9	2.2	2.4	1.9	2.2	2.2
124.7							3.5	3.5		1.3	1.5	1.5	1.1	1.3	1.5
131.2							2.6	2.6							
137.8							1.9	1.9							
144.4							1.5								

lbs x 1,000


ft	37.4 ft + 12.1 ft			98.4 ft + 12.1 ft			147.2 ft + 12.1 ft			183.9 ft + 12.1 ft			196.9 ft + 12.1 ft		
	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°
9.8	110.8	78.0	56.6												
11.5	103.3	75.1	55.7												
13.1	96.7	72.5	54.6		82.2										
14.8	90.8	70.3	53.7		80.0	58.6									
16.4	85.7	68.3	53.1		78.2	57.9									
19.7	77.3	64.5	52.0	77.8	73.4	56.6									
23.0	70.5	61.7	51.1	71.6	68.5	55.5		33.7							
26.2	64.8	59.3	50.7	59.5	60.8	54.4		33.7	33.7						
29.5	60.4	56.4	50.7	50.2	51.8	53.1		33.7	33.7						
32.8	55.1	54.2		42.9	44.3	45.6		33.7	33.7						
36.1	45.8	46.2		39.9	38.3	39.4	32.8	33.7	33.5		19.4	19.4	16.9		
39.4	39.0	39.2		35.4	33.7	34.3	29.7	29.9	30.8		19.4	19.4	16.9	16.9	
45.9				29.1	29.7	28.8	24.2	24.9	25.1	19.4	19.4	19.4	16.9	16.9	16.7
52.5				23.5	24.2	24.4	21.1	20.5	20.7	16.9	17.6	18.0	16.3	16.0	15.8
59.1				19.1	19.6	19.8	17.6	18.0	18.2	13.6	14.3	14.7	13.4	13.8	14.3
65.6				15.8	16.3	16.5	14.7	14.9	15.4	11.0	11.4	11.9	10.8	11.2	11.6
72.2				13.0	13.4	13.4	12.3	12.7	13.0	8.8	9.2	9.7	8.8	9.2	9.4
78.7				11.6	11.4		10.3	10.5	10.8	7.0	7.4	7.7	7.0	7.2	7.7
85.3				10.1	10.1		8.5	8.8	9.0	5.5	5.9	6.1	5.5	5.7	5.9
91.9				8.5	8.5		7.0	7.2	7.4	4.1	4.6	4.8	4.1	4.4	4.6
98.4				7.2			5.7	5.9	5.9	3.0	3.3	3.5	3.0	3.3	3.5
105.0							4.6	4.8	4.8	2.2	2.4	2.4	1.9	2.2	2.4
111.5							3.5	3.7		1.3	1.5	1.5	1.1	1.3	1.5
118.1							2.8	2.8							
124.7							1.9	2.2							
131.2							1.3	1.3							



Working range · Rayon de travail · Zona de trabajo




Lifting capacities · Charges de levage · Cargas



78,200 lbs **ASME**

lbs x 1,000

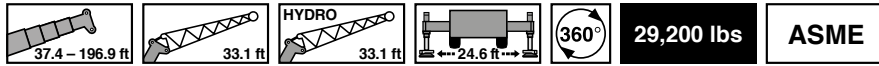
ft	37.4 ft + 33.1 ft			98.4 ft + 33.1 ft			147.2 ft + 33.1 ft			183.9 ft + 33.1 ft			196.9 ft + 33.1 ft		
	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°
11.5		33.0													
13.1		33.0													
14.8		33.0													
16.4		33.0													
19.7		32.8													
23.0		30.2	20.9		32.1										
26.2	33.0	27.7	20.0		30.6										
29.5	31.7	25.7	19.1		29.5	20.5									
32.8	28.4	24.2	18.2		28.2	20.0									
36.1	25.7	22.7	17.6		28.2	19.6		15.4							
39.4	23.5	21.3	16.9		27.1	19.1		15.4							
45.9	20.0	19.4	16.0		25.3	18.2	15.4	15.4	15.4		12.5				
52.5	17.4	17.8	15.6	31.5	23.8	17.4	15.4	15.4	15.4		12.5			11.2	
59.1	15.2	16.7		29.1	22.4	16.7	15.4	15.4	15.4	12.5	12.5	12.5	11.2	11.2	
65.6				26.6	21.1	16.3	15.4	15.4	15.2	12.5	12.5	12.5	11.2	11.2	11.0
72.2				24.2	20.2	15.8	15.4	15.4	14.5	12.5	12.5	12.5	11.2	10.8	10.3
78.7				22.0	19.1	15.4	15.4	15.4	13.8	12.5	12.5	11.9	11.0	10.1	9.9
85.3				20.2	18.2	14.9	14.5	14.5	13.4	11.9	11.9	11.2	10.3	9.7	9.4
91.9				18.5	17.4	14.7	14.1	14.1	13.0	11.2	11.2	10.8	9.7	9.2	9.0
98.4				16.3	16.7		14.1	13.8	12.5	10.5	10.5	10.1	9.2	8.8	8.5
105.0				14.3	14.9		13.0	13.0	12.1	9.9	9.9	9.7	8.8	8.3	8.1
111.5				12.7	13.2		12.3	12.1	11.6	9.2	9.4	9.2	8.3	7.9	7.9
118.1				11.4			11.0	11.4	11.2	8.5	8.8	8.8	7.9	7.7	7.4
124.7							9.7	10.3	10.8	8.1	8.3	8.3	7.4	7.2	7.2
131.2							8.8	9.0		7.4	7.7	7.9	7.0	6.8	6.8
137.8							8.3	8.3		7.0	7.2	7.4	6.6	6.6	6.6
144.4							7.2	7.7		6.3	6.8	6.8	6.1	6.3	6.1
150.9							7.0	6.8		5.5	5.9		5.2	5.9	5.9
157.5							6.8	6.3		4.6	5.0		4.4	5.0	
164.0							6.1			3.9	4.4		3.7	4.4	
170.6							5.5			3.3	3.7		3.0	3.5	
177.2										2.6	3.0		2.6	2.8	
183.7										2.2	2.4		1.9	2.4	
190.3										1.7	1.9		1.5	1.7	
196.9										1.3			1.1	1.3	



53,000 lbs **ASME**

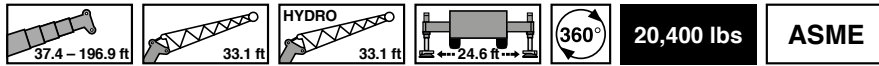
lbs x 1,000

ft	37.4 ft + 33.1 ft			98.4 ft + 33.1 ft			147.2 ft + 33.1 ft			183.9 ft + 33.1 ft			196.9 ft + 33.1 ft		
	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°
11.5		33.0													
13.1		33.0													
14.8		33.0													
16.4		33.0													
19.7		32.8													
23.0		30.2	20.9		32.1										
26.2	33.0	27.7	20.0		30.6										
29.5	31.7	25.7	19.1		29.5	20.5									
32.8	28.4	24.2	18.2		28.2	20.0									
36.1	25.7	22.7	17.6		28.2	19.6		15.4							
39.4	23.5	21.3	16.9		27.1	19.1		15.4							
45.9	20.0	19.4	16.0		25.3	18.2	15.4	15.4	15.4		12.5				
52.5	17.4	17.8	15.6	31.5	23.8	17.4	15.4	15.4	15.4		12.5			11.2	
59.1	15.2	16.7		29.1	22.4	16.7	15.4	15.4	15.4	12.5	12.5	12.5	11.2	11.2	
65.6				25.1	21.1	16.3	15.4	15.4	15.2	12.5	12.5	12.5	11.2	11.2	11.0
72.2				20.9	19.8	15.8	15.4	15.4	14.5	12.5	12.5	12.5	11.2	10.8	10.3
78.7				17.8	18.9	15.4	15.4	15.4	13.8	12.5	12.5	11.9	11.0	10.1	9.9
85.3				15.2	16.3	14.9	14.5	14.5	13.4	11.9	11.9	11.2	10.3	9.7	9.4
91.9				14.3	13.8	14.5	13.4	14.1	13.0	11.2	11.2	10.8	9.7	9.2	9.0
98.4				13.4	11.9		11.9	12.1	12.3	10.3	10.5	10.1	9.2	8.8	8.5
105.0				11.9	11.4		10.3	11.0	11.0	8.8	9.9	9.7	8.5	8.3	8.1
111.5				10.5	10.8		9.7	9.7	9.9	7.7	8.5	9.2	7.2	7.9	7.9
118.1				9.2			8.8	8.5	8.8	6.6	7.4	8.1	6.1	7.0	7.4
124.7							7.7	8.1	7.7	5.5	6.3	6.8	5.2	6.1	6.6
131.2							6.8	7.2		4.6	5.2	5.7	4.4	5.0	5.7
137.8							5.9	6.3		3.7	4.4	4.8	3.5	4.1	4.8
144.4							5.0	5.5		2.8	3.5	3.9	2.8	3.5	3.9
150.9							4.4	4.6		2.2	2.8		2.2	2.6	3.0
157.5							3.7	3.9		1.5	2.2		1.5	1.9	
164.0							3.3			1.1	1.5			1.3	
170.6							2.6								



lbs x 1,000

ft	37.4 ft + 33.1 ft			98.4 ft + 33.1 ft			147.2 ft + 33.1 ft			183.9 ft + 33.1 ft			196.9 ft + 33.1 ft		
	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°
11.5		33.0													
13.1		33.0													
14.8		33.0													
16.4		33.0													
19.7		32.8													
23.0		30.2	20.9		32.1										
26.2	33.0	27.7	20.0		30.6										
29.5	31.7	25.7	19.1		29.5	20.5									
32.8	28.4	24.2	18.2		28.2	20.0									
36.1	25.7	22.7	17.6		28.2	19.6		15.4							
39.4	23.5	21.3	16.9		27.1	19.1		15.4							
45.9	20.0	19.4	16.0		25.3	18.2	15.4	15.4	15.4		12.5				
52.5	17.4	17.8	15.6	24.4	23.8	17.4	15.4	15.4	15.4		12.5			11.2	
59.1	15.2	16.7		20.9	21.8	16.7	15.4	15.4	15.4	12.5	12.5	12.5	11.2	11.2	
65.6				18.9	18.5	16.3	15.4	15.4	15.2	12.5	12.5	12.5	11.2	11.2	11.0
72.2				16.3	15.4	15.6	14.7	14.9	14.5	11.2	12.5	12.5	10.8	10.8	10.3
78.7				13.8	13.8	13.6	12.7	12.7	13.0	9.4	10.8	11.9	9.0	10.1	9.9
85.3				11.6	12.5	12.1	11.0	11.4	11.9	7.7	9.0	10.1	7.2	8.8	9.4
91.9				10.3	10.8	11.2	9.4	10.3	10.1	6.3	7.4	8.5	5.9	7.2	8.1
98.4				8.8	9.4		8.1	9.0	9.4	5.0	6.1	7.0	4.8	5.9	6.8
105.0				7.7	8.1		6.8	7.7	8.1	3.9	5.0	5.9	3.7	4.8	5.5
111.5				7.0	6.8		5.7	6.3	6.8	3.0	3.9	4.6	2.6	3.7	4.4
118.1				6.3			4.8	5.2	5.7	2.2	3.0	3.7	1.9	2.8	3.5
124.7							3.9	4.4	4.8	1.5	2.2	2.8	1.1	1.9	2.6
131.2							3.0	3.5			1.5	1.9		1.3	1.7
137.8							2.4	2.8				1.1			1.1
144.4							1.7	2.2							
150.9							1.3	1.5							
157.5								1.1							



lbs x 1,000

ft	37.4 ft + 33.1 ft			98.4 ft + 33.1 ft			147.2 ft + 33.1 ft			183.9 ft + 33.1 ft			196.9 ft + 33.1 ft		
	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°
11.5		33.0													
13.1		33.0													
14.8		33.0													
16.4		33.0													
19.7		32.8													
23.0		30.2	20.9		32.1										
26.2	33.0	27.7	20.0		30.6										
29.5	31.7	25.7	19.1		29.5	20.5									
32.8	28.4	24.2	18.2		28.2	20.0									
36.1	25.7	22.7	17.6		28.2	19.6		15.4							
39.4	23.5	21.3	16.9		27.1	19.1		15.4							
45.9	20.0	19.4	16.0		25.1	18.2	15.4	15.4	15.4		12.5				
52.5	17.4	17.8	15.6	22.7	22.9	17.4	15.4	15.4	15.4		12.5			11.2	
59.1	15.2	16.7		19.6	18.7	16.7	15.4	15.4	15.4	12.5	12.5	12.5	11.2	11.2	
65.6				16.5	15.6	16.0	14.5	14.7	14.3	10.8	12.5	12.5	10.3	11.2	11.0
72.2				13.6	14.5	13.8	12.1	13.0	13.4	8.8	10.3	11.9	8.3	9.9	10.3
78.7				11.9	12.3	12.5	10.3	11.4	11.4	7.0	8.5	9.7	6.6	8.1	9.4
85.3				9.9	10.8	11.0	8.8	9.9	10.5	5.5	6.8	7.9	5.2	6.6	7.7
91.9				8.8	9.0	9.4	7.2	8.3	9.0	4.4	5.5	6.6	3.9	5.2	6.1
98.4				7.9	7.7		6.1	7.0	7.7	3.0	4.4	5.2	2.8	3.9	4.8
105.0				6.6	7.0		5.0	5.9	6.3	2.2	3.3	3.9	1.9	2.8	3.7
111.5				5.7	6.1		4.1	4.8	5.2	1.3	2.2	3.0	1.1	1.9	2.8
118.1				4.8			3.3	3.9	4.1		1.5	1.9		1.1	1.7
124.7							2.4	3.0	3.3			1.3			1.1
131.2							1.7	2.2							
137.8							1.1	1.5							
144.4								1.1							

lbs x 1,000

ft	37.4 ft + 58.7 ft			98.4 ft + 58.7 ft			147.2 ft + 58.7 ft			183.9 ft + 58.7 ft			196.9 ft + 58.7 ft		
	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°
14.8	14.5														
16.4	13.8														
19.7	12.7														
23.0	11.6														
26.2	10.8	8.3		12.3											
29.5	10.1	7.7		11.9											
32.8	9.4	7.2		11.4	7.4										
36.1	8.8	7.0		11.0	7.4		8.5								
39.4	8.3	6.6		10.8	7.2		8.5								
45.9	7.2	5.9	5.2	9.9	6.8		8.5			7.7				7.2	
52.5	6.6	5.5	4.8	9.0	6.3	5.0	8.5	6.1		7.7				7.0	
59.1	5.9	5.2	4.6	8.3	5.9	4.8	8.3	5.9		7.4				7.0	
65.6	5.5	4.8	4.4	7.7	5.7	4.8	7.9	5.7	4.6	7.2	5.2			6.8	
72.2	5.0	4.6	4.4	7.2	5.5	4.6	7.4	5.5	4.4	6.8	5.0			6.6	5.0
78.7	4.8	4.4	4.4	6.8	5.2	4.4	7.0	5.2	4.4	6.6	5.0	4.1		6.3	4.8
85.3	4.6	4.4		6.3	5.0	4.4	6.8	5.0	4.1	6.3	4.8	4.1		6.1	4.8
91.9				5.9	4.8	4.1	6.3	4.8	4.1	6.1	4.6	3.9		5.9	4.6
98.4				5.7	4.6	4.1	6.1	4.6	4.1	5.9	4.6	3.9		5.7	4.4
105.0				5.5	4.4	4.1	5.9	4.6	3.9	5.7	4.4	3.9		5.7	4.4
111.5				5.2	4.4	4.1	5.7	4.4	3.9	5.5	4.4	3.7		5.5	4.1
118.1				5.0	4.1	3.9	5.5	4.4	3.9	5.2	4.1	3.7		5.2	4.1
124.7				4.8	4.1		5.2	4.1	3.7	5.0	4.1	3.7		5.0	3.9
131.2				4.6	4.1		5.0	4.1	3.7	5.0	3.9	3.7		5.0	3.9
137.8				4.4	3.9		4.8	3.9	3.7	4.8	3.9	3.5		4.8	3.9
144.4				4.4			4.8	3.9	3.7	4.6	3.7	3.5		4.6	3.7
150.9							4.6	3.9	3.7	4.6	3.7	3.5		4.6	3.7
157.5							4.4	3.7		4.4	3.7	3.5		4.4	3.7
164.0							4.4	3.7		4.4	3.7	3.5		4.4	3.5
170.6							4.1	3.7		3.9	3.5	3.5		3.7	3.5
177.2							4.1	3.7		3.3	3.5			3.0	3.5
183.7							3.9	3.7		2.6	3.5			2.4	3.3
190.3							3.9			2.2	2.8			1.9	2.6
196.9							3.9			1.7	2.2			1.5	2.2
210.0											1.3				1.1

lbs x 1,000

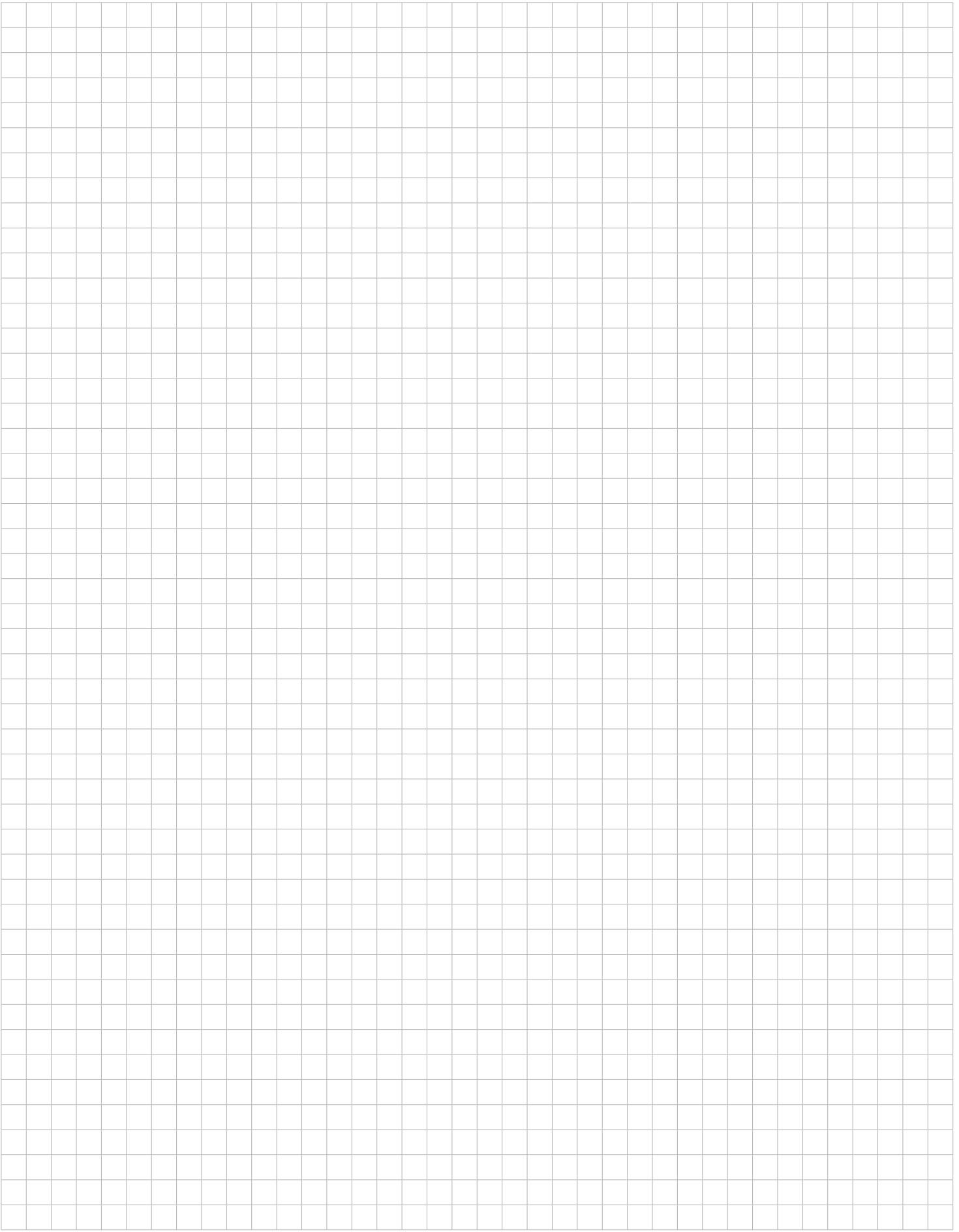
ft	37.4 ft + 58.7 ft			98.4 ft + 58.7 ft			147.2 ft + 58.7 ft			183.9 ft + 58.7 ft			196.9 ft + 58.7 ft		
	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°
14.8	14.5														
16.4	13.8														
19.7	12.7														
23.0	11.6														
26.2	10.8	8.3		12.3											
29.5	10.1	7.7		11.9											
32.8	9.4	7.2		11.4	7.4										
36.1	8.8	7.0		11.0	7.4		8.5								
39.4	8.3	6.6		10.8	7.2		8.5								
45.9	7.2	5.9	5.2	9.9	6.8		8.5			7.7				7.2	
52.5	6.6	5.5	4.8	9.0	6.3	5.0	8.5	6.1		7.7				7.0	
59.1	5.9	5.2	4.6	8.3	5.9	4.8	8.3	5.9		7.4				7.0	
65.6	5.5	4.8	4.4	7.7	5.7	4.8	7.9	5.7	4.6	7.2	5.2			6.8	
72.2	5.0	4.6	4.4	7.2	5.5	4.6	7.4	5.5	4.4	6.8	5.0			6.6	5.0
78.7	4.8	4.4	4.4	6.8	5.2	4.4	7.0	5.2	4.4	6.6	5.0	4.1		6.3	4.8
85.3	4.6	4.4		6.3	5.0	4.4	6.8	5.0	4.1	6.3	4.8	4.1		6.1	4.8
91.9				5.9	4.8	4.1	6.3	4.8	4.1	6.1	4.6	3.9		5.9	4.6
98.4				5.7	4.6	4.1	6.1	4.6	4.1	5.9	4.6	3.9		5.7	4.4
105.0				5.5	4.4	4.1	5.9	4.6	3.9	5.7	4.4	3.9		5.7	4.4
111.5				5.2	4.4	4.1	5.7	4.4	3.9	5.5	4.4	3.7		5.5	4.1
118.1				5.0	4.1	3.9	5.5	4.4	3.9	5.2	4.1	3.7		5.2	4.1
124.7				4.8	4.1		5.2	4.1	3.7	5.0	4.1	3.7		5.0	3.9
131.2				4.6	4.1		5.0	4.1	3.7	5.0	3.9	3.7		4.8	3.9
137.8				4.4	3.9		4.8	3.9	3.7	4.4	3.9	3.5		3.9	3.9
144.4				4.4			4.6	3.9	3.7	3.5	3.7	3.5		3.3	3.7
150.9							4.4	3.9	3.7	2.8	3.7	3.5		2.6	3.7
157.5							4.4	3.7		2.2	3.3	3.5		1.9	3.0
164.0							3.7	3.7		1.5	2.6	3.0		1.3	2.4
170.6							3.3	3.7		1.1	1.9	2.4		1.7	2.4
177.2							2.6	3.0			1.3			1.3	1.7
183.7							2.2	2.6							
190.3							1.9								
196.9							1.5								

lbs x 1,000

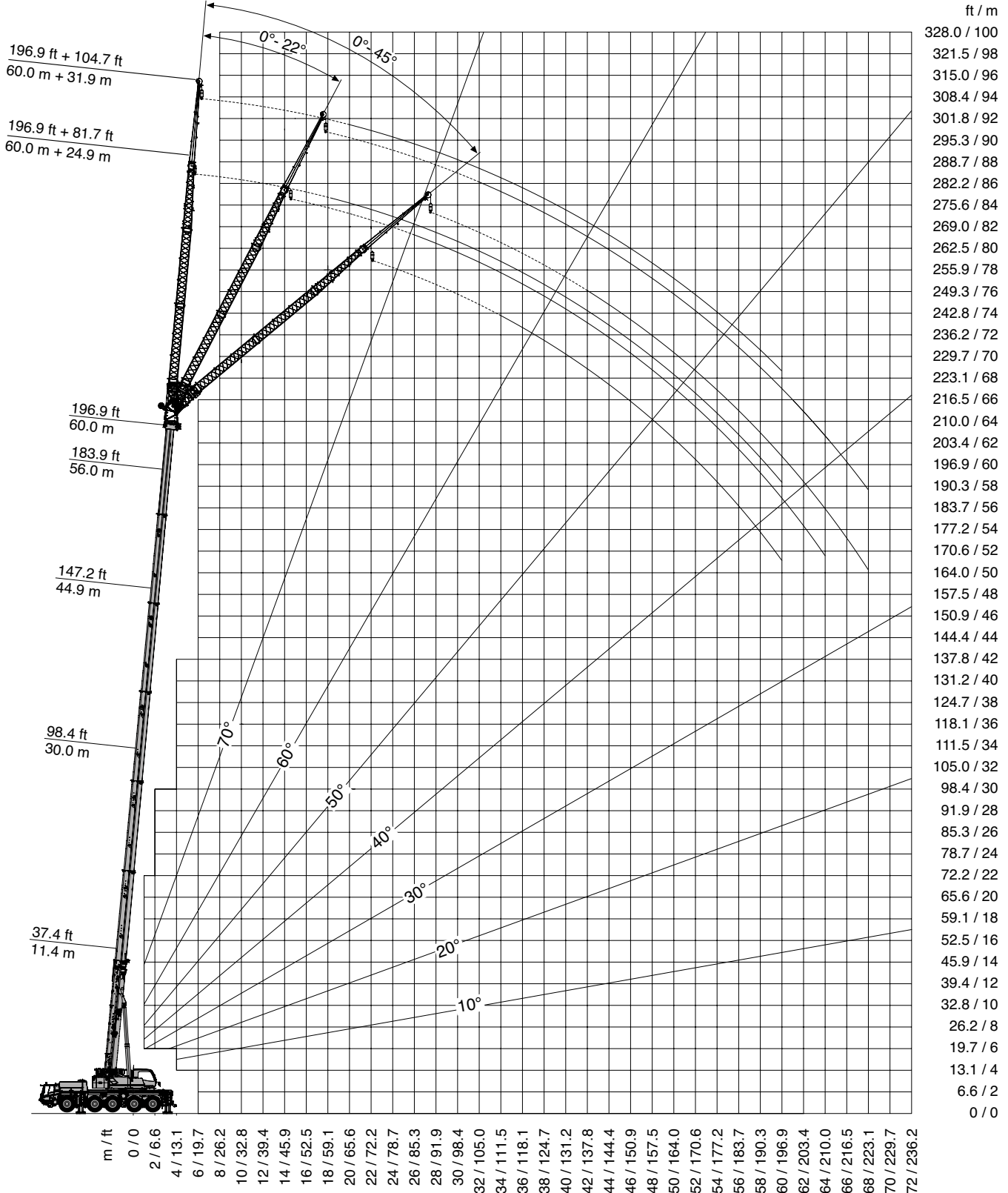
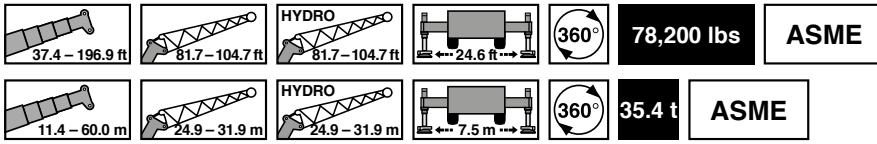
ft	37.4 ft + 58.7 ft			98.4 ft + 58.7 ft			147.2 ft + 58.7 ft			183.9 ft + 58.7 ft			196.9 ft + 58.7 ft		
	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°
14.8	14.5														
16.4	13.8														
19.7	12.7														
23.0	11.6														
26.2	10.8	8.3		12.3											
29.5	10.1	7.7		11.9											
32.8	9.4	7.2		11.4	7.4										
36.1	8.8	7.0		11.0	7.4		8.5								
39.4	8.3	6.6		10.8	7.2		8.5								
45.9	7.2	5.9	5.2	9.9	6.8		8.5			7.7			7.2		
52.5	6.6	5.5	4.8	9.0	6.3	5.0	8.5	6.1		7.7			7.0		
59.1	5.9	5.2	4.6	8.3	5.9	4.8	8.3	5.9		7.4			7.0		
65.6	5.5	4.8	4.4	7.7	5.7	4.8	7.9	5.7	4.6	7.2	5.2		6.8		
72.2	5.0	4.6	4.4	7.2	5.5	4.6	7.4	5.5	4.4	6.8	5.0		6.6	5.0	
78.7	4.8	4.4	4.4	6.8	5.2	4.4	7.0	5.2	4.4	6.6	5.0	4.1	6.3	4.8	
85.3	4.6	4.4		6.3	5.0	4.4	6.8	5.0	4.1	6.3	4.8	4.1	6.1	4.8	4.1
91.9				5.9	4.8	4.1	6.3	4.8	4.1	6.1	4.6	3.9	5.9	4.6	3.9
98.4				5.7	4.6	4.1	6.1	4.6	4.1	5.5	4.6	3.9	5.0	4.4	3.9
105.0				5.2	4.4	4.1	5.7	4.6	3.9	4.4	4.4	3.9	4.1	4.4	3.7
111.5				5.0	4.4	4.1	5.5	4.4	3.9	3.5	4.4	3.7	3.0	4.1	3.7
118.1				4.8	4.1	3.9	5.2	4.4	3.9	2.6	4.1	3.7	2.4	3.9	3.7
124.7				4.6	4.1		4.4	4.1	3.7	1.9	3.3	3.7	1.5	3.0	3.7
131.2				4.6	3.9		3.7	3.9	3.7	1.3	2.6	3.7		2.2	3.3
137.8				4.4	3.9		3.0	3.9	3.7		1.7	2.8		1.5	2.6
144.4				4.1			2.4	3.3	3.7		1.1	1.9			1.7
150.9							1.9	2.6	2.2						
157.5							1.3	1.9							
164.0								1.5							
170.6								1.1							

lbs x 1,000

ft	37.4 ft + 58.7 ft			98.4 ft + 58.7 ft			147.2 ft + 58.7 ft			183.9 ft + 58.7 ft			196.9 ft + 58.7 ft		
	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°
14.8	14.5														
16.4	13.8														
19.7	12.7														
23.0	11.6														
26.2	10.8	8.3		12.3											
29.5	10.1	7.7		11.9											
32.8	9.4	7.2		11.4	7.4										
36.1	8.8	7.0		11.0	7.4		8.5								
39.4	8.3	6.6		10.8	7.2		8.5								
45.9	7.2	5.9	5.2	9.9	6.8		8.5			7.7			7.2		
52.5	6.6	5.5	4.8	9.0	6.3	5.0	8.5	6.1		7.7			7.0		
59.1	5.9	5.2	4.6	8.3	5.9	4.8	8.3	5.9		7.4			7.0		
65.6	5.5	4.8	4.4	7.7	5.7	4.8	7.9	5.7	4.6	7.2	5.2		6.8		
72.2	5.0	4.6	4.4	7.2	5.5	4.6	7.4	5.5	4.4	6.8	5.0		6.6	5.0	
78.7	4.8	4.4	4.4	6.8	5.2	4.4	7.0	5.2	4.4	6.6	5.0	4.1	6.3	4.8	
85.3	4.6	4.4		6.3	5.0	4.4	6.6	5.0	4.1	5.9	4.8	4.1	5.5	4.8	4.1
91.9				5.9	4.8	4.1	6.1	4.8	4.1	4.8	4.6	3.9	4.4	4.6	3.9
98.4				5.7	4.6	4.1	5.9	4.6	4.1	3.7	4.6	3.9	3.3	4.4	3.9
105.0				5.2	4.4	4.1	5.5	4.6	3.9	2.6	4.4	3.9	2.4	4.1	3.7
111.5				5.0	4.4	4.1	4.6	4.4	3.9	1.7	3.5	3.7	1.5	3.3	3.7
118.1				4.8	4.1	3.9	3.9	4.1	3.9	1.1	2.6	3.7		2.4	3.7
124.7				4.6	4.1		3.0	4.1	3.7		1.9	3.0		1.5	2.8
131.2				4.4	3.9		2.4	3.3	3.7		1.1	2.2			1.9
137.8				3.7	3.9		1.7	2.6	3.3			1.5			1.3
144.4				3.0			1.3	1.9	2.6						
150.9								1.5	1.1						



Working range · Rayon de travail · Zona de trabajo



Lifting capacities · Charges de levage · Cargas






78,200 lbs
ASME
lbs x 1,000

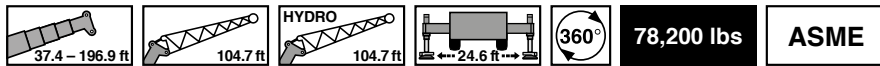
ft	37.4 ft + 81.7 ft			98.4 ft + 81.7 ft			147.2 ft + 81.7 ft			183.9 ft + 81.7 ft			196.9 ft + 81.7 ft		
	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°
19.7	11.2														
23.0	11.2														
26.2	10.8														
29.5	10.3														
32.8	9.9			9.4											
36.1	9.4	7.9		9.4											
39.4	9.0	7.4		9.4			6.6								
45.9	8.1	6.8		9.2			6.8								
52.5	7.4	6.3		8.8	6.6		6.8			5.2					
59.1	6.8	5.9		8.1	6.1		6.8			5.2			4.8		
65.6	6.3	5.5	5.0	7.7	5.9		6.8	5.7		5.2			4.8		
72.2	5.9	5.2	4.8	7.2	5.7	4.8	6.8	5.5		5.2			4.8		
78.7	5.7	5.0	4.6	7.0	5.5	4.8	6.6	5.2		5.2			4.8		
85.3	5.0	4.8	4.4	6.6	5.2	4.6	6.3	5.0		5.2	4.8		4.8	4.6	
91.9	4.6	4.6	4.4	6.3	5.0	4.4	6.1	4.8	4.4	5.2	4.6		4.8	4.6	
98.4	4.1	4.4	4.4	5.9	4.8	4.4	5.9	4.8	4.1	5.2	4.4		4.8	4.4	
105.0	3.9	4.4		5.7	4.8	4.4	5.7	4.6	4.1	5.2	4.4	3.9	4.8	4.4	
111.5				5.5	4.6	4.1	5.7	4.6	4.1	5.2	4.1	3.9	4.8	4.1	3.7
118.1				5.2	4.4	4.1	5.5	4.4	3.9	5.0	4.1	3.7	4.8	4.1	3.7
124.7				5.0	4.4	4.1	5.2	4.4	3.9	5.0	4.1	3.7	4.8	3.9	3.7
131.2				4.8	4.1	3.9	5.0	4.1	3.9	4.8	3.9	3.7	4.6	3.9	3.7
137.8				4.6	4.1	3.9	5.0	4.1	3.7	4.6	3.9	3.7	4.6	3.9	3.5
144.4				4.4	4.1		4.8	3.9	3.7	4.6	3.7	3.5	4.6	3.7	3.5
150.9				4.1	3.9		4.6	3.9	3.7	4.4	3.7	3.5	4.4	3.7	3.5
157.5				3.9	3.9		4.6	3.9	3.7	4.4	3.7	3.5	4.1	3.7	3.5
164.0				3.7	3.9		4.4	3.7	3.7	4.4	3.7	3.5	3.9	3.5	3.3
170.6				3.5			4.4	3.7	3.7	3.9	3.5	3.5	3.7	3.5	3.3
177.2							4.1	3.7		3.5	3.5	3.3	3.0	3.5	3.3
183.7							4.1	3.7		2.8	3.5	3.3	2.6	3.3	3.3
190.3							3.5	3.5		2.4	3.3	3.3	2.2	3.0	3.0
196.9							3.0	3.5		1.7	2.8		1.5	2.6	2.8
210.0							2.4			1.1	1.7			1.5	





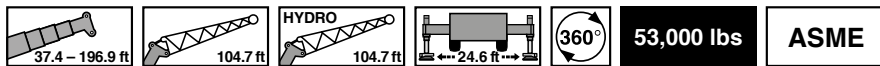

53,000 lbs
ASME
lbs x 1,000

ft	37.4 ft + 81.7 ft			98.4 ft + 81.7 ft			147.2 ft + 81.7 ft			183.9 ft + 81.7 ft			196.9 ft + 81.7 ft		
	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°
19.7	11.2														
23.0	11.2														
26.2	10.8														
29.5	10.3														
32.8	9.9			9.4											
36.1	9.4	7.9		9.4											
39.4	9.0	7.4		9.4			6.6								
45.9	8.1	6.8		9.2			6.8								
52.5	7.4	6.3		8.8	6.6		6.8			5.2					
59.1	6.8	5.9		8.1	6.1		6.8			5.2			4.8		
65.6	6.3	5.5	5.0	7.7	5.9		6.8	5.7		5.2			4.8		
72.2	5.9	5.2	4.8	7.2	5.7	4.8	6.8	5.5		5.2			4.8		
78.7	5.7	5.0	4.6	7.0	5.5	4.8	6.6	5.2		5.2			4.8		
85.3	5.0	4.8	4.4	6.6	5.2	4.6	6.3	5.0		5.2	4.8		4.8	4.6	
91.9	4.6	4.6	4.4	6.3	5.0	4.4	6.1	4.8	4.4	5.2	4.6		4.8	4.6	
98.4	4.1	4.4	4.4	5.9	4.8	4.4	5.9	4.8	4.1	5.2	4.4		4.8	4.4	
105.0	3.9	4.4		5.7	4.8	4.4	5.7	4.6	4.1	5.2	4.4	3.9	4.8	4.4	
111.5				5.5	4.6	4.1	5.7	4.6	4.1	5.2	4.1	3.9	4.8	4.1	3.7
118.1				5.2	4.4	4.1	5.5	4.4	3.9	5.0	4.1	3.7	4.8	4.1	3.7
124.7				5.0	4.4	4.1	5.2	4.4	3.9	5.0	4.1	3.7	4.8	3.9	3.7
131.2				4.8	4.1	3.9	5.0	4.1	3.9	4.8	3.9	3.7	4.6	3.9	3.7
137.8				4.6	4.1	3.9	4.8	4.1	3.7	4.4	3.9	3.7	4.6	3.9	3.5
144.4				4.4	4.1		4.6	3.9	3.7	4.4	3.7	3.5	4.6	3.7	3.5
150.9				4.1	3.9		4.4	3.9	3.7	4.4	3.7	3.5	4.4	3.7	3.5
157.5				3.9	3.9		4.1	3.9	3.7	4.4	3.7	3.5	4.1	3.7	3.5
164.0				3.7	3.9		3.9	3.7	3.7	4.4	3.7	3.5	3.9	3.5	3.3
170.6				3.5			3.3	3.5	3.5	4.4	3.7	3.5	4.1	3.7	3.5
177.2							2.8	3.3		3.5	3.5	3.3	3.0	3.5	3.3
183.7							2.4	3.0		2.8	3.5	3.3	2.6	3.3	3.3
190.3							1.9	2.4		2.4	3.3	3.3	2.2	3.0	3.0
196.9							1.5	1.9		1.7	2.8		1.5	2.6	2.8



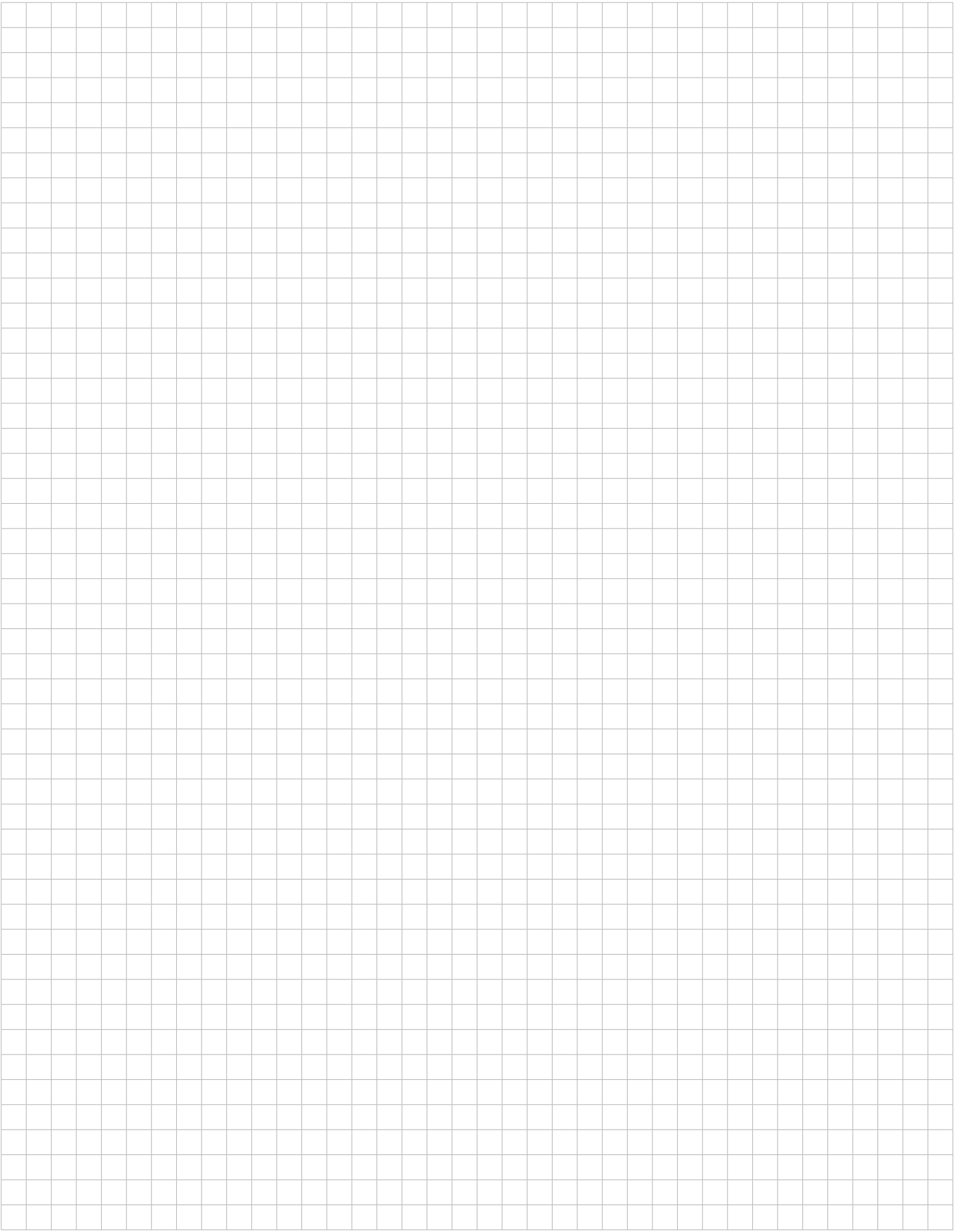
lbs x 1,000

ft	37.4 ft + 104.7 ft			98.4 ft + 104.7 ft			147.2 ft + 104.7 ft			183.9 ft + 104.7 ft			196.9 ft + 104.7 ft		
	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°
26.2	8.8														
29.5	8.8														
32.8	8.8														
36.1	8.8			6.8											
39.4	8.5			6.8											
45.9	7.9			6.8			5.0								
52.5	7.4	6.6		6.8			5.0								
59.1	7.0	6.3		6.8			5.0			3.9					
65.6	6.1	5.9		6.8	5.9		5.0			3.9			3.5		
72.2	5.2	5.2		6.8	5.7		5.0			3.9			3.5		
78.7	4.6	4.8		6.6	5.5		5.0	5.0		3.9			3.5		
85.3	4.1	4.4	3.5	6.3	5.2		5.0	4.8		3.9			3.5		
91.9	3.7	3.9	3.0	5.9	5.0	3.3	5.0	4.6		3.9			3.5		
98.4	3.3	3.7	2.8	5.5	4.6	3.0	5.0	4.6		3.9	3.9		3.5		
105.0	3.0	3.3	2.6	5.0	4.4	3.0	5.0	4.4		3.9	3.9		3.5	3.5	
111.5	2.6	3.0	2.6	4.6	4.1	2.8	5.0	4.1	2.8	3.9	3.9		3.5	3.5	
118.1	2.4	2.8	2.4	4.1	3.7	2.6	5.0	4.1	2.8	3.9	3.7		3.5	3.5	
124.7	2.2	2.6	2.4	3.9	3.5	2.6	4.8	3.9	2.6	3.9	3.7		3.5	3.5	
131.2	1.9	2.6		3.5	3.5	2.4	4.6	3.7	2.6	3.9	3.5	2.4	3.5	3.5	
137.8				3.3	3.3	2.4	4.1	3.5	2.4	3.9	3.5	2.4	3.5	3.5	2.4
144.4				3.0	3.0	2.4	3.9	3.3	2.4	3.9	3.3	2.4	3.5	3.3	2.4
150.9				2.8	2.8	2.2	3.7	3.3	2.2	3.9	3.3	2.2	3.5	3.3	2.2
157.5				2.6	2.8	2.2	3.5	3.0	2.2	3.9	3.0	2.2	3.3	3.0	2.2
164.0				2.4	2.6	2.2	3.3	2.8	2.2	3.7	3.0	2.2	3.3	3.0	2.2
170.6				2.4	2.6		3.0	2.8	1.9	3.3	2.8	1.9	3.0	2.8	1.9
177.2				2.2	2.4		2.8	2.6	1.9	3.0	2.6	1.9	2.8	2.6	1.9
183.7				1.9	2.4		2.8	2.6	1.9	2.8	2.4	1.9	2.6	2.4	1.9
190.3				1.9			2.6	2.6	1.9	2.4	2.4	1.9	1.9	2.2	1.7
196.9							2.4	2.4		1.9	2.2	1.7	1.5	1.9	1.7
210.0							2.2	2.2		1.1	1.7	1.7		1.7	1.5
223.1							1.5	1.7			1.1			1.1	1.3

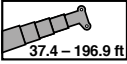
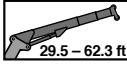
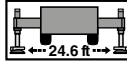

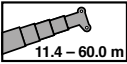

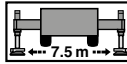



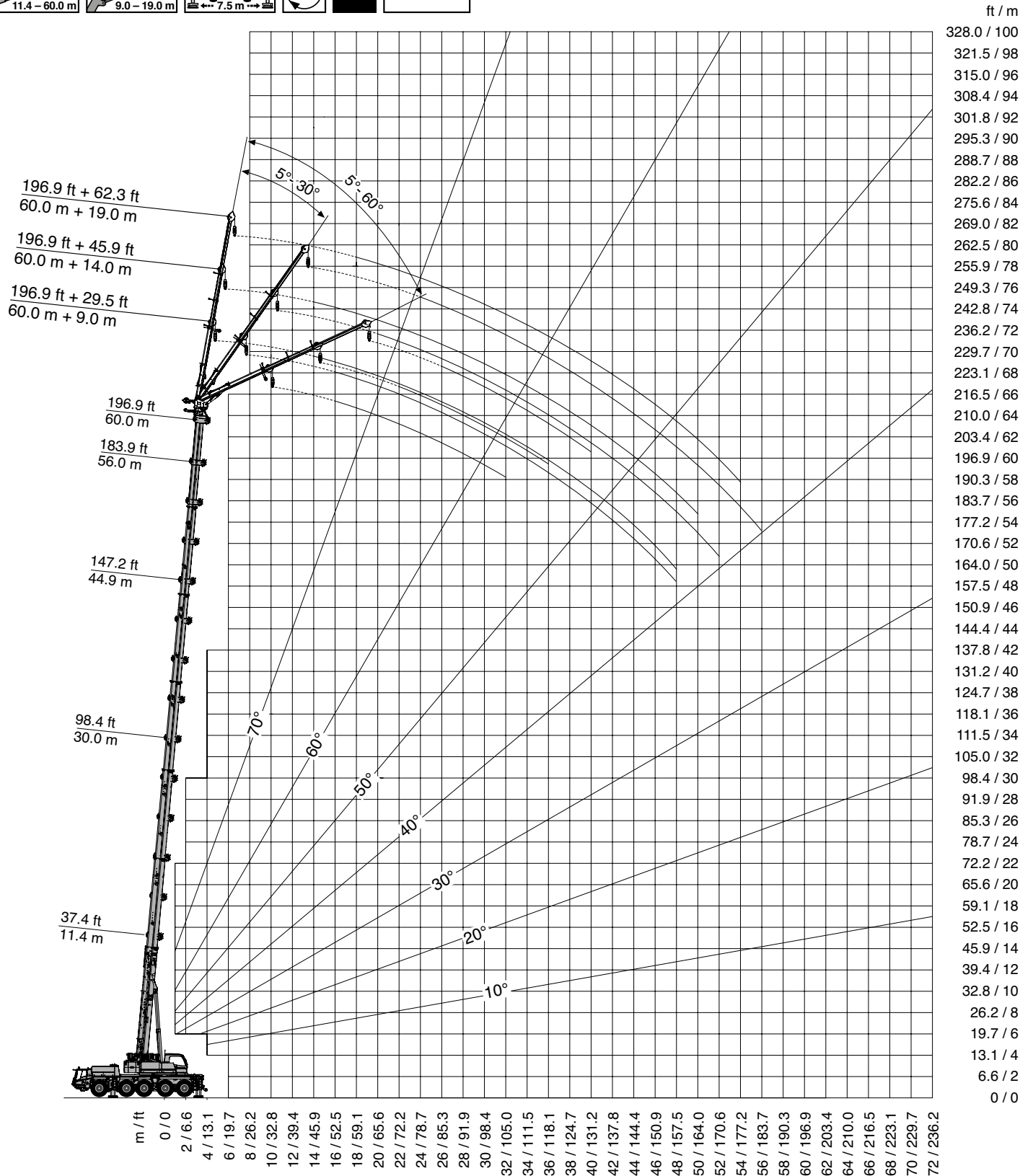
lbs x 1,000

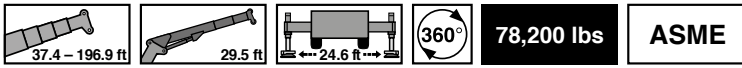
ft	37.4 ft + 104.7 ft			98.4 ft + 104.7 ft			147.2 ft + 104.7 ft			183.9 ft + 104.7 ft			196.9 ft + 104.7 ft		
	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°	0°	22°	45°
26.2	8.8														
29.5	8.8														
32.8	8.8														
36.1	8.8			6.8											
39.4	8.5			6.8											
45.9	7.9			6.8			5.0								
52.5	7.4	6.6		6.8			5.0								
59.1	7.0	6.3		6.8			5.0			3.9					
65.6	6.1	5.9		6.8	5.9		5.0			3.9			3.5		
72.2	5.2	5.2		6.8	5.7		5.0			3.9			3.5		
78.7	4.6	4.8		6.6	5.5		5.0	5.0		3.9			3.5		
85.3	4.1	4.4	3.5	6.3	5.2		5.0	4.8		3.9			3.5		
91.9	3.7	3.9	3.0	5.9	5.0	3.3	5.0	4.6		3.9			3.5		
98.4	3.3	3.7	2.8	5.5	4.6	3.0	5.0	4.6		3.9	3.9		3.5		
105.0	3.0	3.3	2.6	5.0	4.4	3.0	5.0	4.4		3.9	3.9		3.5	3.5	
111.5	2.6	3.0	2.6	4.6	4.1	2.8	5.0	4.1	2.8	3.9	3.9		3.5	3.5	
118.1	2.4	2.8	2.4	4.1	3.7	2.6	5.0	4.1	2.8	3.9	3.7		3.5	3.5	
124.7	2.2	2.6	2.4	3.9	3.5	2.6	4.8	3.9	2.6	3.9	3.7		3.5	3.5	
131.2	1.9	2.6		3.5	3.5	2.4	4.6	3.7	2.6	3.9	3.5	2.4	3.5	3.5	
137.8				3.3	3.3	2.4	4.1	3.5	2.4	3.9	3.5	2.4	3.5	3.5	2.4
144.4				3.0	3.0	2.4	3.9	3.3	2.4	3.5	3.3	2.4	3.0	3.3	2.4
150.9				2.8	2.8	2.2	3.7	3.3	2.2	2.8	3.3	2.2	2.4	3.3	2.2
157.5				2.6	2.8	2.2	3.5	3.0	2.2	2.2	3.0	2.2	1.7	3.0	2.2
164.0				2.4	2.6	2.2	3.0	2.8	2.2	1.7	3.0	2.2	1.3	3.0	2.2
170.6				2.2	2.6		2.6	2.8	1.9	1.1	2.8	1.9		2.4	1.9
177.2				2.2	2.4		2.4	2.6	1.9		2.2	1.9		1.9	1.9
183.7				1.9	2.4		2.2	2.6	1.9		1.7	1.9		1.3	1.9
190.3				1.9			1.9	2.2	1.9		1.1	1.9			1.7
196.9							1.5	1.7				1.7			1.5
210.0								1.3							



Working range · Rayon de travail · Zona de trabajo

				78,200 lbs	ASME
37.4 – 196.9 ft	29.5 – 62.3 ft	← 24.6 ft →			
				35.4 t	ASME
11.4 – 60.0 m	9.0 – 19.0 m	← 7.5 m →			

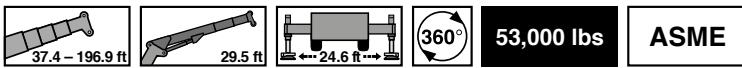




78,200 lbs **ASME**

lbs x 1,000

ft	37.4 ft + 29.5 ft			98.4 ft + 29.5 ft			147.2 ft + 29.5 ft			183.9 ft + 29.5 ft			196.9 ft + 29.5 ft		
	5°	30°	60°	5°	30°	60°	5°	30°	60°	5°	30°	60°	5°	30°	60°
9.8	16.0														
11.5	16.0														
13.1	16.0	16.0		16.0											
14.8	16.0	16.0		16.0											
16.4	16.0	16.0		16.0											
19.7	16.0	16.0	11.4	16.0											
23.0	16.0	16.0	11.0	16.0	16.0										
26.2	16.0	16.0	10.8	16.0	16.0		16.0								
29.5	16.0	15.8	10.5	16.0	16.0	11.0	16.0								
32.8	16.0	15.2	10.3	16.0	16.0	11.0	16.0	16.0							
36.1	16.0	14.5	10.3	16.0	16.0	10.8	16.0	15.6		9.4					
39.4	16.0	13.8		16.0	16.0	10.8	16.0	15.2	11.0	9.4				8.3	
45.9	14.1	13.0		16.0	16.0	10.5	16.0	14.3	10.8	9.4	9.4			8.3	
52.5	12.5	12.3		16.0	15.8	10.3	15.8	13.4	10.5	9.4	9.4	9.4		8.3	8.3
59.1	11.2			16.0	15.2	10.3	14.9	13.0	10.5	9.4	9.4	9.0		8.3	7.9
65.6				16.0	14.5	10.3	13.8	12.3	10.3	9.4	9.2	8.8		7.7	7.4
72.2				16.0	13.8		12.5	11.9	10.3	9.4	8.8	8.3		7.2	7.0
78.7				16.0	13.4		11.6	11.4	10.1	9.0	8.3	8.1		6.8	6.6
85.3				15.2	13.0		10.5	10.8	10.1	8.3	8.1	7.9		6.3	6.1
91.9				14.1	12.5		9.7	9.9		7.7	7.7	7.4		5.9	5.7
98.4				13.2	12.3		9.2	9.0		7.2	7.2	7.0		5.5	5.5
105.0				11.4	11.9		8.3	8.3		6.6	6.8			5.2	5.0
111.5				10.5			7.9	7.7		6.1	6.3			4.8	4.8
118.1				9.9			7.2	7.2		5.7	5.9			4.6	4.6
124.7							6.6	6.8		5.2	5.2			4.4	4.1
131.2							6.1	6.1		4.8	5.0			4.1	3.9
137.8							5.7	5.7		4.4	4.6			3.7	3.7
144.4							4.8	5.2		3.9	4.1			3.5	3.5
150.9							4.4			3.0	3.5			2.8	3.3
157.5							4.1			2.2	2.6			1.9	2.4
164.0							3.7								

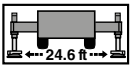
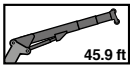
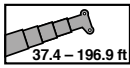


53,000 lbs **ASME**

lbs x 1,000

ft	37.4 ft + 29.5 ft			98.4 ft + 29.5 ft			147.2 ft + 29.5 ft			183.9 ft + 29.5 ft			196.9 ft + 29.5 ft		
	5°	30°	60°	5°	30°	60°	5°	30°	60°	5°	30°	60°	5°	30°	60°
9.8	16.0														
11.5	16.0														
13.1	16.0	16.0		16.0											
14.8	16.0	16.0		16.0											
16.4	16.0	16.0		16.0											
19.7	16.0	16.0	11.4	16.0											
23.0	16.0	16.0	11.0	16.0	16.0										
26.2	16.0	16.0	10.8	16.0	16.0		16.0								
29.5	16.0	15.8	10.5	16.0	16.0	11.0	16.0								
32.8	16.0	15.2	10.3	16.0	16.0	11.0	16.0	16.0							
36.1	16.0	14.5	10.3	16.0	16.0	10.8	16.0	15.6		9.4					
39.4	16.0	13.8		16.0	16.0	10.8	16.0	15.2	11.0	9.4				8.3	
45.9	14.1	13.0		16.0	16.0	10.5	16.0	14.3	10.8	9.4	9.4			8.3	
52.5	12.5	12.3		16.0	15.8	10.3	15.8	13.4	10.5	9.4	9.4	9.4		8.3	8.3
59.1	11.2			16.0	15.2	10.3	14.9	13.0	10.5	9.4	9.4	9.0		8.3	7.9
65.6				16.0	14.5	10.3	13.8	12.3	10.3	9.4	9.2	8.8		7.7	7.4
72.2				16.0	13.8		12.5	11.9	10.3	9.4	8.8	8.3		7.2	7.0
78.7				15.2	13.4		11.6	11.4	10.1	9.0	8.3	8.1		6.8	6.6
85.3				14.1	13.0		10.5	10.8	10.1	8.3	8.1	7.9		6.3	6.1
91.9				12.1	12.5		9.7	9.9		7.7	7.7	7.4		5.9	5.7
98.4				10.1	10.5		9.2	8.5		7.2	7.2	7.0		5.5	5.5
105.0				8.5	8.8		8.1	8.1		6.3	6.8			5.2	5.0
111.5				7.2			6.8	7.2		5.0	5.9			4.6	4.8
118.1				6.8			6.3	6.1		3.9	4.6			3.5	4.4
124.7							5.2	5.7		2.8	3.5			2.6	3.3
131.2							4.4	4.8		1.9	2.6				2.4
137.8							3.5	3.7							
144.4							2.6	2.8							
150.9							1.9								

Lifting capacities · Charges de levage · Cargas

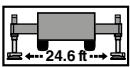
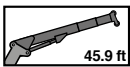
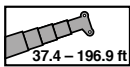


78,200 lbs

ASME

lbs x 1,000

ft	37.4 ft + 45.9 ft			98.4 ft + 45.9 ft			147.2 ft + 45.9 ft			183.9 ft + 45.9 ft			196.9 ft + 45.9 ft		
	5°	30°	60°	5°	30°	60°	5°	30°	60°	5°	30°	60°	5°	30°	60°
9.8	9.4														
11.5	9.4														
13.1	9.4														
14.8	9.4														
16.4	9.4														
19.7	9.4			9.4											
23.0	9.4			9.4											
26.2	9.4	9.4		9.4											
29.5	9.4	9.4		9.4			9.4								
32.8	9.4	9.2		9.4	9.4		9.4								
36.1	9.4	8.5	5.9	9.4	9.4		9.4								
39.4	9.4	8.3	5.9	9.4	9.2		9.4								
45.9	9.4	7.7	5.7	9.4	8.5	5.9	9.4	8.3		6.8			6.1		
52.5	8.3	7.0	5.5	9.4	8.1	5.7	9.4	8.1		6.8			6.1		
59.1	7.4	6.6		9.4	7.7	5.7	9.4	7.7	5.7	6.8	6.8		6.1		
65.6	6.6	6.3		9.4	7.4	5.5	9.4	7.4	5.7	6.8	6.8	5.7	6.1	6.1	
72.2	5.9			9.4	7.0	5.5	9.4	7.2	5.5	6.8	6.8	5.5	6.1	6.1	5.7
78.7				9.2	6.8	5.5	9.4	6.8	5.5	6.8	6.6	5.5	6.1	5.9	5.5
85.3				8.8	6.6		9.2	6.6	5.5	6.8	6.3	5.5	5.7	5.5	5.5
91.9				8.1	6.3		8.8	6.3	5.5	6.8	6.1	5.5	5.5	5.2	5.2
98.4				7.7	6.1		8.3	6.3	5.2	6.8	5.9	5.5	5.0	5.0	5.0
105.0				7.4	6.1		8.1	6.1		6.6	5.7	5.2	4.8	4.6	4.6
111.5				7.0	5.9		7.4	5.9		6.1	5.7	5.2	4.6	4.4	4.4
118.1				6.6	5.9		7.0	5.7		5.7	5.5		4.4	4.1	4.1
124.7				6.1			6.6	5.7		5.2	5.2		4.1	3.9	
131.2				5.9			6.1	5.5		5.0	4.8		3.9	3.7	
137.8							5.7	5.5		4.6	4.6		3.7	3.5	
144.4								5.5			4.4	4.4		3.5	3.3
150.9								5.0			3.9	4.1		3.3	3.3
157.5								4.6			3.7			3.0	3.0
164.0								3.9			2.8			2.6	
170.6								3.3			2.2			1.9	
177.2								3.0							



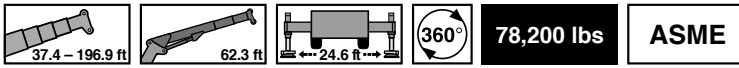
53,000 lbs

ASME

lbs x 1,000

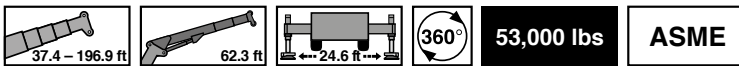
ft	37.4 ft + 45.9 ft			98.4 ft + 45.9 ft			147.2 ft + 45.9 ft			183.9 ft + 45.9 ft			196.9 ft + 45.9 ft		
	5°	30°	60°	5°	30°	60°	5°	30°	60°	5°	30°	60°	5°	30°	60°
9.8	9.4														
11.5	9.4														
13.1	9.4														
14.8	9.4														
16.4	9.4														
19.7	9.4			9.4											
23.0	9.4			9.4											
26.2	9.4	9.4		9.4											
29.5	9.4	9.4		9.4			9.4								
32.8	9.4	9.2		9.4	9.4		9.4								
36.1	9.4	8.5	5.9	9.4	9.4		9.4								
39.4	9.4	8.3	5.9	9.4	9.2		9.4								
45.9	9.4	7.7	5.7	9.4	8.5	5.9	9.4	8.3		6.8			6.1		
52.5	8.3	7.0	5.5	9.4	8.1	5.7	9.4	8.1		6.8			6.1		
59.1	7.4	6.6		9.4	7.7	5.7	9.4	7.7	5.7	6.8	6.8		6.1		
65.6	6.6	6.3		9.4	7.4	5.5	9.4	7.4	5.7	6.8	6.8	5.7	6.1	6.1	
72.2	5.9			9.4	7.0	5.5	9.4	7.2	5.5	6.8	6.8	5.5	6.1	6.1	5.7
78.7				9.2	6.8	5.5	9.4	6.8	5.5	6.8	6.6	5.5	6.1	5.9	5.5
85.3				8.8	6.6		9.2	6.6	5.5	6.8	6.3	5.5	5.7	5.5	5.5
91.9				8.1	6.3		8.8	6.3	5.5	6.8	6.1	5.5	5.5	5.2	5.2
98.4				7.7	6.1		8.3	6.3	5.2	6.8	5.9	5.5	5.0	5.0	5.0
105.0				7.2	6.1		7.7	6.1		6.6	5.7	5.2	4.8	4.6	4.6
111.5				7.0	5.9		7.2	5.9		6.1	5.7	5.2	4.6	4.4	4.4
118.1				6.6	5.9		6.6	5.7		5.0	5.5		4.4	4.1	4.1
124.7				6.1			5.5	5.5		3.9	5.2		3.7	3.9	
131.2				5.2			5.0	5.2		3.0	4.1		2.8	3.7	
137.8							4.6	4.6		2.2	3.3		1.9	3.0	
144.4							3.7	4.1			2.4			2.2	
150.9							3.0	3.5							
157.5							2.4	2.8							

Lifting capacities · Charges de levage · Cargas



lbs x 1,000

ft	37.4 ft + 62.3 ft			98.4 ft + 62.3 ft			147.2 ft + 62.3 ft			183.9 ft + 62.3 ft			196.9 ft + 62.3 ft		
	5°	30°	60°	5°	30°	60°	5°	30°	60°	5°	30°	60°	5°	30°	60°
13.1	7.2														
14.8	7.2														
16.4	7.2														
19.7	7.2														
23.0	7.2			6.8											
26.2	7.2			7.2											
29.5	7.2			7.2											
32.8	7.2			7.2											
36.1	7.2	5.7		7.2											
39.4	7.0	5.5		7.2			5.5								
45.9	6.3	5.0		7.2	5.2		5.5								
52.5	5.7	4.6		7.2	5.0		5.5			4.1					
59.1	5.2	4.4	3.7	6.8	4.8		5.5	4.6		4.1			3.9		
65.6	4.8	3.9	3.5	6.3	4.6	3.7	5.5	4.4		4.1			3.9		
72.2	4.4	3.7		5.9	4.4	3.5	5.5	4.4	3.5	4.1	4.1		3.9		
78.7	4.1	3.7		5.5	4.1	3.5	5.5	4.1	3.5	4.1	3.9		3.9	3.9	
85.3	3.9	3.5		5.2	3.9	3.5	5.5	3.9	3.5	4.1	3.9	3.3	3.9	3.7	3.3
91.9	3.5			5.0	3.9	3.5	5.2	3.9	3.5	4.1	3.7	3.3	3.9	3.7	3.3
98.4				4.8	3.7	3.5	5.0	3.7	3.3	4.1	3.7	3.3	3.9	3.5	3.3
105.0				4.6	3.5		4.8	3.7	3.3	4.1	3.5	3.3	3.9	3.5	3.0
111.5				4.4	3.5		4.6	3.5	3.3	4.1	3.5	3.0	3.9	3.5	3.0
118.1				4.1	3.5		4.4	3.5	3.3	4.1	3.3	3.0	3.9	3.3	3.0
124.7				3.9	3.5		4.4	3.5		4.1	3.3	3.0	3.7	3.3	3.0
131.2				3.9	3.3		4.1	3.3		4.1	3.3	3.0	3.5	3.3	3.0
137.8				3.7	3.3		3.9	3.3		3.9	3.0		3.5	3.0	
144.4					3.5			3.5	3.0		3.5	2.8		3.3	2.8
150.9								3.5	3.0		3.3	2.8		3.0	2.8
157.5								3.3			3.3	2.8		2.8	2.8
164.0								3.3			3.3	2.8		2.8	2.8
170.6								3.3			3.0	2.8		2.6	2.6
177.2								3.0			2.6			2.4	2.4
183.7								3.0			1.9				
190.3								2.6							



lbs x 1,000

ft	37.4 ft + 62.3 ft			98.4 ft + 62.3 ft			147.2 ft + 62.3 ft			183.9 ft + 62.3 ft			196.9 ft + 62.3 ft		
	5°	30°	60°	5°	30°	60°	5°	30°	60°	5°	30°	60°	5°	30°	60°
13.1	7.2														
14.8	7.2														
16.4	7.2														
19.7	7.2														
23.0	7.2			6.8											
26.2	7.2			7.2											
29.5	7.2			7.2											
32.8	7.2			7.2											
36.1	7.2	5.7		7.2											
39.4	7.0	5.5		7.2			5.5								
45.9	6.3	5.0		7.2	5.2		5.5								
52.5	5.7	4.6		7.2	5.0		5.5			4.1					
59.1	5.2	4.4	3.7	6.8	4.8		5.5	4.6		4.1			3.9		
65.6	4.8	3.9	3.5	6.3	4.6	3.7	5.5	4.4		4.1			3.9		
72.2	4.4	3.7		5.9	4.4	3.5	5.5	4.4	3.5	4.1	4.1		3.9		
78.7	4.1	3.7		5.5	4.1	3.5	5.5	4.1	3.5	4.1	3.9		3.9	3.9	
85.3	3.9	3.5		5.2	3.9	3.5	5.5	3.9	3.5	4.1	3.9	3.3	3.9	3.7	3.3
91.9	3.5			5.0	3.9	3.5	5.2	3.9	3.5	4.1	3.7	3.3	3.9	3.7	3.3
98.4				4.8	3.7	3.5	5.0	3.7	3.3	4.1	3.7	3.3	3.9	3.5	3.3
105.0				4.6	3.5		4.8	3.7	3.3	4.1	3.5	3.3	3.9	3.5	3.0
111.5				4.4	3.5		4.6	3.5	3.3	4.1	3.5	3.0	3.9	3.5	3.0
118.1				4.1	3.5		4.4	3.5	3.3	4.1	3.3	3.0	3.9	3.3	3.0
124.7				3.9	3.5		4.4	3.5		4.1	3.3	3.0	3.7	3.3	3.0
131.2				3.9	3.3		4.1	3.3		4.1	3.3	3.0	3.5	3.3	3.0
137.8				3.7	3.3		3.9	3.3		3.3	3.0		2.8	3.0	
144.4				3.7			3.7	3.3		2.6	3.0		2.2	3.0	
150.9					3.5		3.7	3.0			3.0			2.8	
157.5							3.3	3.0			2.4			1.9	
164.0							2.8	3.0							
170.6							2.2	2.6							



EQUIPMENT

ÉQUIPEMENT
EQUIPAMIENTO



Equipment

Carrier

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

Outriggers: 4-point double telescopic hydraulic outriggers incl. asymmetric outrigger base and automatic length detection. Controls on both sides of carrier and in superstructure cab. Outrigger base 24.6 ft/ 7.5 m (20.3 ft/ 6.2 m, 16.4 ft/ 5.0 m, 13.5 ft/ 4.1 m, 8.2 ft/ 2.5 m) x 26.3 ft/ 8.0 m.

Engine: Mercedes-Benz 6 cylinder model OM 471 LA (EU Stage V / EPA Tier 4f), water-cooled diesel engine. Engine displacement 10.7 l. Rated at 530 HP (390 kW) at 1600 rpm. Torque 1,918 ft-lbs/ 2600 Nm (265 kpm) at 1300 rpm. Engine rating according to ECE R120. Fuel tank: 158.5 gal/ 600 l. AdBlue tank: 11 gal/ 40 l.

Transmission: Main transmission: mechanical ZF-TraXon 12.1 transmission, with integrated intarder, electro-pneumatically actuated dry clutch and fully automatic transmission control system. 12 forward gears and 2 reverse gears. If necessary, semi-automatic mode (Tip-Tronic) is possible with manual gear selection.

Transfer case: Two-stage.

Drive: 10 x 6

Axles:

- 1st axle: steered, not driven.
- 2nd axle: steered, driven, with differential lock, longitudinal and transverse.
- 3rd axle: steered, not driven.
- 4th axle: steered, driven, with differential lock, longitudinal and transverse.
- 5th axle: steered, driven, with differential lock, transverse.

Suspension: Hydro-pneumatic with levelling adjustment.

Brake system: Service disk brakes: dual circuit compressed air system with electronic wear indicator. Parking brake: spring loaded type acting on 2nd, 4th and 5th axles. Intarder and engine brake as retarder.

Tyres: (10) 385/95 R 25 (14.00 R 25).

Steering system: ZF-Servocom, dual circuit hydraulic steering with emergency steering pump, mechanical steering of 1st and 2nd axles and automatic steering of the 3rd and 4th axle up to a travel speed of 18.6 mph/ 30 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, central locking system, air-cushioned seats, driver's seat offering various adjustment options, with memory function and heater, engine dependent water heater, air conditioning, Bluetooth hands-free equipment, multifunction display, rear view camera, radio/CD player with USB port, control and operating elements for driving operation, cruise control and hill braking feature.

Electrical system: 24 V DC, 2 batteries, outrigger area lighting, acoustic back-up alarm, lighting system with Bi halogen headlights; LED daytime running light; LED foglights, CAN bus system.

Optional equipment: (at extra charge)

Towing attachment, engine independent additional heater with engine pre-heat, drive 10 x 8, 445/95 R 25 (16.00 R 25) tyres, 525/80 R 25 (20.5 R 25) tyres, spare wheel and tyre, special painting and lettering. Further optional equipment available upon request.

Superstructure

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

Engine: Mercedes-Benz 4 cylinder model OM 934 LA (EU Stage V / EPA Tier 4f), water cooled diesel engine. Variable speed via foot pedal. Engine displacement 5.1 l. Rated at 175 HP (129 kW) at 1800 rpm. Torque 553 ft-lbs/ 750 Nm (77 kpm) at 1200 - 1600 rpm. Engine rating according to ECE R120. Fuel tank: 60.8 gal/ 230 l. AdBlue tank: 6.6 gal/ 25 l.

Hydraulic system: Three-circuit diesel-hydraulic system, 1 power-controlled axial piston twin pump (electro-hydraulically adjustable), 1 axial piston pump control and 1 gear pump, oil cooler.

Controls: Two 4-fold electrical joy-stick levers with electrical pilot control.

Telescopic boom: 7 sections, made of high tensile, fine-grained steel, consisting of 1 base section and 6 telescoping sections extended by means of a single telescopic cylinder. All telescope sections extendable hydraulically under partial load. 37.4 ft/ 11.4 m to 196.9 ft/ 60.0 m long. Boom head with 6 sheaves.

Boom elevation: 1 double acting hydraulic cylinder with integral brake and holding valve.

Hoist 1: Axial piston variable displacement 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), drum turn indicator. Hoist cable with 'Super-Stop' system.

Slewing system: Axial piston constant motor, three-stage planetary gear with service and parking brake. Open hydraulic circuit with free slewing function. Speed infinitely variable from 0 to 2 rpm.

Counterweight: Total 78,200 lbs/ 35.4 t, divisible. Controlled from superstructure cab.

Superstructure cab: Spacious crane cab in steel / plastic design with safety glass windows and tinted panes, tilting working place with adjustable, mechanically cushioned driver's seat with heating, autonomous auxiliary heater with engine pre-heating, air conditioning, radio/CD player, control and operating elements for crane operation, outrigger actuation and carrier engine features.

Electrical system: 24 V DC, 2 batteries.

Safety devices: 'Lift & Release Adjuster', electronic load moment limiter (LMB) with pilot lamp in several colours, slewing area and working area limitation with 'Slow-Stop' feature, hoist limit switch, lower limit switch, safety valves protect against pipe and hose failures.

Dolly kit: Slewing gear unfixed & boom socket.

Optional equipment: (at extra charge)

Jib 12.1 ft/ 3.7 m to 104.7 ft/ 31.9 m, offsets 0°, 22°, and 45°, or hydraulically 0°- 45°, HTLJ jib 29.5 ft/ 9 m to 62.3 ft/ 19 m (hydraulically tiltable and telescopic 5° to 60°), 11 US t/ 10 t hook tackle, hook blocks from 35.3 US t/ 32 t to 176.4 US t/ 160 t, 2nd hoist, auxiliary oil cooler, special paint and lettering. Further optional equipment available upon request.

Châssis

Châssis: Construction mécano-soudée, en acier à grain fin très rigide, résistant aux flexions et aux torsion. Graissage centralisé.

Calage: Dispositif de calage horizontal et vertical double en 4 points, entièrement déployable hydrauliquement, y compris distance entre appuis asymétrique, détection de longueur automatique et commande des mouvements sur les deux côtés du porteur et depuis la cabine de la superstructure. Calage 24.6 ft/ 7,5 m (20.3 ft/ 6,2 m, 16.4 ft/ 5,0 m, 13.5 ft/ 4,1 m, 8.2 ft/ 2,5 m) x 26.3 ft/ 8,0 m.

Moteur: Mercedes-Benz diesel 6 cylindres modèle OM 471 LA (EU Stage V / EPA Tier 4f), refroidi par eau, cylindrée 12,8 l, de 530 CV (390 kW) à 1600 min⁻¹. Couple 2600 Nm à 1300 min⁻¹. Puissance selon ECE R120. Capacité du réservoir: 158.5 gal/ 600 l. Capacité du réservoir AdBlue: 11 gal/ 40 l.

Boîte de vitesse: Boîte principale ZF-TraXon 12.1, boîte de vitesses mécanique avec intarder intégré, embrayage à sec électro-pneumatique et commande des vitesses complètement automatique avec 12 vitesses AV et 2 vitesses AR. Si nécessaire, mode partiellement automatique (Tip-Tronic) avec sélection de vitesses manuelle possible.

Boîte de transfert: à deux gammes.

Entraînement: 10 x 6

Essieux:

- 1^{er} essieu: directeur, non entraîné.
- 2^{ème} essieu: directeur, entraîné, blocage de différentiel longitudinal et transversal.
- 3^{ème} essieu: directeur, non entraîné.
- 4^{ème} essieu: directeur, entraîné, blocage de différentiel longitudinal et transversal.
- 5^{ème} essieu: directeur, entraîné, blocage de différentiel transversal.

Suspension: Hydro-pneumatique, avec réglage de niveau.

Freins: Système de freinage à disque à air comprimé, à deux circuits, avec indicateur d'usure électronique et déshumidificateur. Frein de stationnement, agit sur les essieux 2, 4 et 5 comme frein à ressorts accumulateurs. Intarder et frein moteur comme frein continu.

Pneus: 10 x 385/95 R 25 (14.00 R 25).

Direction: Servocom à double circuit, marque ZF avec pompe de secours pour direction. Direction mécanique du 1^{er} et 2^{ème} essieu, direction à assistance hydraulique du 3^{ème} et 4^{ème} essieu jusqu'à une vitesse de 18.6 mph/ 30 km/h et du 5^{ème} essieu jusqu'à 31.1 mph/ 50 km/h.

Cabine: Cabine bi-place, construction en matière combinée (acier/matière plastique), vitres en verre de sécurité, système de verrouillage central, sièges à suspension pneumatique, siège du conducteur à plusieurs réglages, avec fonction de mémoire et chauffant, chauffage d'eau alimenté par le moteur, climatiseur, dispositif mains libres Bluetooth, affichage multifonctions, caméra de recul, radio / CD-player avec connecteur USB, éléments de contrôle et de commande pour la conduite, régulateur de vitesse, système automatique de freinage.

Système électrique: 24 V CC, 2 batteries, allumage de la zone d'appui, alarme de recul acoustique, système d'éclairage avec des projecteurs halogène Bi ; feu de circulation diurne DEL ; feux-brouillard DEL, système du bus CAN.

Équipement supplémentaire: (avec supplément de prix)
Attache-remorque, chauffage auxiliaire indépendant du moteur avec préchauffage du moteur, entraînement 10 x 8, pneus 445/95 R 25 (16.00 R 25), pneus 525/80 R 25 (20.5 R 25), roue de secours, peinture spéciale et inscription.
Autres équipements supplémentaires sur demande.

Superstructure

Plate forme: Construction mécano-soudée résistante à la torsion. Couronne d'orientation à billes à une rangée, à denture extérieure, permettant une rotation illimitée sur 360°. Graissage centralisé.

Moteur: Mercedes-Benz diesel 4 cylindres, modèle OM 934 LA (EU Stage V / EPA Tier 4f), refroidi par eau. Réglage en continu du nombre de tours par pédale, cylindrée 5,1 l, de 175 CV (129 kW) à 1800 min⁻¹. Couple 553 ft-lbs/ 750 Nm (77 kpm) à 1200 - 1600 min⁻¹. Puissance selon ECE R120. Capacité du réservoir: 60.8 gal/ 230 l. Capacité du réservoir AdBlue: 6.6 gal/ 25 l.

Système hydraulique: Diesel-hydraulique à 3 circuits, 1 double pompe à piston axial réglée en fonction de la puissance (à réglage électro-hydraulique), 1 pompe à piston axial et 1 pompe à engrenages, refroidisseur d'huile.

Commande: 2 manipulateurs à commande en croix (4 sens), assistés électriquement.

Flèche télescopique: Flèche télescopique à 7 éléments en acier à texture fine et très résistant, se composant de 1 èche de base et 6 éléments télescopiques, 1 vérin télescopique, hydrauliquement télescopable avec charge partielle. Longueur de 37.4 ft/ 11,4 m à 196.9 ft/ 60,0 m. Tête de flèche avec 6 poulies.

Mécanisme de relevage: 1 vérin différentiel muni de clapet de freinage de descente.

Mécanisme de levage: Moteur à pistons axiaux, tambour de levage avec boîte planétaire incorporée, frein d'arrêt à disques multiples à ressort libéré lors du levage. Indicateur de rotation du treuil. Câble de levage avec dispositif 'Super-Stop'.

Groupe de rotation: Moteur à cylindrée constante à pistons axiaux, avec engrenage planétaire à trois étages avec frein d'arrêt. Circuit hydraulique ouvert avec déconnexion du groupe de rotation. Vitesse de rotation 0 à 2 min⁻¹ en continu.

Contrepoids: Poids total 78,200 lbs/ 35,4 t, divisible, commandé depuis la cabine du grutier.

Cabine du grutier: Cabine de grue spacieuse, construction en acier/plastique, vitrage de sécurité en verre teinté, place de travail inclinable avec siège du conducteur réglable, amorti mécaniquement, chauffant, chauffage d'appoint autonome avec préchauffage du moteur, climatiseur, radio / CD-player, éléments de commande et de contrôle pour le service de grue. Actionnement des outriggers et fonctions du moteur dans le châssis.

Système électrique: 24 V CC, 2 batteries.

Dispositifs de sécurité: 'Lift & Release Adjuster', contrôleur de l'état de charge (CEC) électronique avec lampe de signalisation, limitation de rotation et limitation de la zone de travail avec fonction 'Slow-Stop', interrupteur de fin de course de levage et de treuil, soupapes de sécurité contre ruptures des conduites et exibles.

Équipement supplémentaire: (avec supplément de prix)
Rallonge de flèche 12.1 ft/ 3,7 m à 104.7 ft/ 31,9 m, au choix inclinable 0°, 22° et 45° ou hydrauliquement 0° à 45°, rallonge de flèche HTLJ 29.5 ft/ 9 m à 62.3 ft/ 19 m (inclinable et télescopable hydrauliquement de 5° à 60°), crochet de levage 11 US t/ 10 t, moufles inférieurs de 35.3 US t/ 32 t à 176.4 US t/ 160 t, 2^{ème} treuil de levage, refroidisseur d'huile d'appoint, peinture spéciale et inscription. Autres équipements supplémentaires sur demande.

Equipamiento

Chasis

Bastidor: Construcción de acero de grano fino de alta resistencia soldado, resistente a la torsión y a la exión. Sistema de lubricación centralizada.

Estabilización: Sistema de 4 puntos, estabilizadores telescópicos hidráulicos dobles, incl. base de apoyo asimétrica y detección automática de longitud, posibilidad de manejo desde ambos lados del chasis y desde la cabina de la grúa. Base de apoyo 24.6 ft/ 7.5 m (20.3 ft/ 6,2 m, 16.4 ft/ 5,0 m, 13.5 ft/ 4,1 m, 8.2 ft/ 2,5 m) x 26.3 ft/ 8,0 m.

Motor: Motor diesel Mercedes Benz, modelo OM 471 LA (EU Stage V / EPA Tier 4f), 6 cilindros, refrigerado por agua. Cilindrada 12,8 l. Potencia nominal 530 CV (390 kW) a 1600 rpm. Par 1,918 ft-lbs/ 2600 Nm (265 kpm a 1300 rpm. Potencia del motor según ECE R120. Depósito de combustible: 158.5 gal/ 600 l. Depósito de AdBlue: 11 gal/ 40 l.

Transmisión: Transmisión principal mecánica del tipo ZF-TraXon 12.1 con intarder integrado, con embrague en seco accionado de modo electro-neumático y cambio automático de 12 marchas hacia delante y 2 marchas atrás. En caso necesario, operación semiautomática (Tip-Tronic) con selección manual de las marchas.

Divisor de fuerza: Divisor de fuerza de 2 escalones.

Tracción: 10 x 6

Ejes:

- Eje 1: de dirección, no accionado.
- Eje 2: de dirección, accionado, con bloqueo de diferencial longitudinal y transversal.
- Eje 3: de dirección, no accionado.
- Eje 4: de dirección, accionado, con bloqueo de diferencial longitudinal y transversal.
- Eje 5: de dirección, accionado, con bloqueo de diferencial transversal.

Suspensión de los ejes: Suspensión hidroneumática con regulación de nivel.

Frenos: Sistema de frenos de disco neumático de doble circuito con indicador de desgaste eléctrico y secador de aire. Freno de estacionamiento como freno de muelle de efecto en los ejes 2, 4 y 5. Intarder y freno de motor como freno continuo.

Neumáticos: 10 x 385/95 R 25 (14.00 R 25).

Dirección: Dirección hidráulica de doble circuito ZF-Servocom. Bomba de emergencia de dirección. Dirección mecánica de los ejes 1 y 2, y dirección automática de los ejes 3 y 4 hasta una velocidad de 18.6 mph/ 30 km/h y del eje 5 hasta 31.1 mph/ 50 km/h.

Cabina del chasis: Cabina de conductor frontal para dos personas construida en material compuesto de chapa de acero y plástico, acristalamiento de seguridad, bloqueo central, asientos neumáticos, asiento del conductor regulable en múltiples posiciones con función memoria y calentable, calefacción por agua dependiente del motor, aire acondicionado, dispositivo manos libres vía Bluetooth, pantalla multifuncional, cámara de marcha atrás, radio/reproductor CD con puerto USB, elementos de control y mando para el funcionamiento de traslación, limitador automático de velocidad y función de frenado automático en bajadas.

Sistema eléctrico: 24 voltios de corriente continua, 2 baterías, iluminación de la zona de apoyo, alarma acústica para indicar la marcha atrás, sistema de luces con faros bialógenos, luz LED de marcha diurna, faro LED antiniebla, sistema de bus CAN.

Equipamiento adicional: (con cargos adicionales)

Enganche de remolque, calefacción adicional independiente del motor con calentamiento previo del motor, tracción 10 x 8, neumáticos 445/95 R 25 (16.00 R 25), neumáticos 525/80 R 25 (20.5 R 25), rueda de repuesto, pintura especial y rotulación. Otros equipamientos adicionales bajo solicitud.

Superestructura

Bastidor: Construcción de acero soldado resistente a la torsión. Corona de giro con rodamiento de una hilera de bolas, con dientes externos, para giro continuo a 360°. Sistema de lubricación centralizada.

Motor: Motor diesel Mercedes Benz, modelo OM 934 LA (EU Stage V / EPA Tier 4f), 4 cilindros, refrigerado por agua. Regulación continua del régimen a través del pedal. Cilindrada 5,1 l, Potencia nominal 175 CV (129 kW) a 1800 rpm. Par de 553 ft-lbs/ 750 Nm (77 kpm) a 1200 - 1600 rpm. Potencia del motor según ECE R120. Depósito de combustible: 60.8 gal/ 230 l. Depósito de AdBlue: 6.6 gal/ 25 l.

Sistema hidráulico: Dieselhidráulico con sistema hidráulico de 3 circuitos, 1 bomba doble de pistones axiales de caudal variable (regulable electro-hidráulicamente), 1 bomba de pistones axiales y 1 bomba de engranajes, enfriador de aceite.

Controles: Dos palancas de mando tipo joystick cuádruple con mando piloto eléctrico.

Pluma telescópica: Pluma telescópica de 7 secciones de acero de grano fino de alta resistencia, compuesta de una pluma base y 6 secciones de telescopio, 1 cilindro de telescopio, extensible y retraible de modo hidráulico bajo carga parcial. Longitud de 37.4 ft/ 11,4 m a 196.9 ft/ 60,0 m. Cabezal de poleas con 6 poleas.

Mecanismo de basculado: Un cilindro de doble efecto con válvula de frenado de descenso.

Cabrestante principal: Motor de pistones axiales de cilindrada variable, tambor del cabrestante con engranaje planetario incorporado y freno hidráulico de discos con marcha libre para elevar integrada. Avisador de giro del cabrestante. Cable de elevación con dispositivo 'Super-Stop'.

Sistema de giro: Motor de pistones axiales de cilindrada constante, engranaje planetario de tres etapas con freno de estacionamiento. Circuito hidráulico abierto con dispositivo de liberación del sistema de giro. Velocidad de giro variable de modo continuo de 0 a 2 rpm.

Contrapeso: Peso total 78,200 lbs/ 35,4 t, divisible. El manejo se realizará desde la cabina de la grúa.

Cabina de la grúa: Amplia cabina de grúa construida en chapa de acero y plástico, acristalamiento de seguridad coloreado, puesto de trabajo inclinable con asiento de conductor regulable, amortiguado mecánicamente con calefacción, calefacción adicional independiente del motor con calentamiento previo del motor, aire acondicionado, radio / reproductor CD, elementos de control y mando para el funcionamiento de grúa. Actuación de la estabilización y funciones del motor del chasis.

Sistema eléctrico: 24 voltios de corriente continua, 2 baterías.

Dispositivos de seguridad: 'Lift & Release Adjuster', limitador del momento de carga electrónico con señalización por semáforo, limitación de giro y de la zona de trabajo con función de parada lenta, interruptor de fin de carrera de elevación, interruptor de fin de carrera del cabestrante, válvulas de seguridad contra roturas de tubos y mangueras.

Juego para carro tipo dolly: Sin fijar el mecanismo giratorio + soporte para pluma.

Equipamiento adicional: (con cargos adicionales)
Prolongación de la pluma 12.1 ft/ 3,7 m a 104.7 ft/ 31,9 m, opcionalmente con ángulos de 0°, 22° y 45° o, de modo hidráulico, 0° a 45°, prolongación de la pluma HTLJ 29.5 ft/ 9 m a 62.3 ft/ 19 m (cambio del ángulo y accionamiento de telescopios de modo hidráulico 5° a 60°), aparejo de gancho de 11 US t/ 10 t, ganchos de 35.3 US t/ 32 t a 176.4 US t/ 160 t, 2° cabrestante, enfriador de aceite adicional, pintura especial y rotulación. Otros equipamientos adicionales bajo solicitud.

ADDITIONAL INFORMATION

INFORMATIONS SUPPLÉMENTAIRES
INFORMACIÓN ADICIONAL



Remarks relating to the capacity charts · Remarques relatives aux tableaux des charges Notas relativas a los graficos de carga

1. The rated lifting capacities conform to ASME B30.5-1.1. Capacities shown are for reference only. Please refer to the original lifting capacity charts for operations.
2. For operation in wind, as these limits change with configuration changes, please refer to the cranes lifting capacity charts to determine safe operating limits.
3. The lifting capacities are indicated in 1,000 lbs.
4. The weight of load handling devices such as hook blocks, slings, etc., must be considered as part of the load and must be deducted from the lifting capacities.
5. The lifting capacities for the telescopic boom apply to a crane with no jib being stowed or mounted on the crane.
6. The working radius is the horizontal distance from the centre of rotation to the centre of the freely suspended non-oscillating load.

1. Les charges de levage nominales sont en conformité avec ASME B30.5-1.1. Les charges de levage indiquées sont uniquement des valeurs indicatives. Pour les travaux réels, voir les tableaux de charges originaux.
2. En fonction de la longueur de la flèche, des vitesses du vent jusqu'à 49 fps/ 15 m/s maxi. sont admissibles avec les tableaux des charges. A cause des séquences d'extension différentes des télescopes individuels, les longueurs de flèche peuvent varier légèrement par rapport aux valeurs indiquées dans les tableaux de charge.
3. Les forces de levage sont indiquées en 1,000 lbs.
4. Le poids du crochet-moufle et de tous les accessoires d'élingage font partie de la charge et sont à déduire des charges indiquées.
5. Les forces de levage indiquées pour la flèche télescopique s'entendent rallonge de flèche déposée.
6. Comme portée, on entend la distance horizontale du centre de la couronne de rotation au centre de la charge librement suspendue et non oscillante.

1. Las cargas nominales son en conformidad con ASME B30.5-1.1. Las cargas indicadas son únicamente valores indicativos. Para los trabajos, consúltese las tablas de carga originales.
2. En función de la longitud de la pluma, las tablas de carga permiten velocidades del viento hasta un máximo de 49 fps/ 15 m/s. Debido a las diferentes secuencias de extensión de los telescopios, puede haber algunas variaciones insignificantes con respecto a las longitudes de pluma indicadas en las tablas de carga.
3. Las capacidades de carga indicadas en las tablas se indican en 1,000 lbs.
4. Hay que deducir los pesos del gancho, eslingas y de otros dispositivos para fijación de cargas de los valores indicados en las tablas.
5. Las capacidades de carga referentes a la pluma telescópica valen solamente si el alargamiento de pluma está desmontado.
6. Como alcance se entiende la distancia horizontal desde el centro de la corona de giro hasta el centro de la carga suspendida libremente y no oscilante.


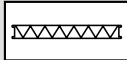

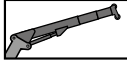
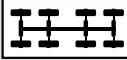





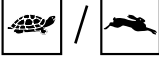



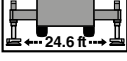







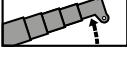



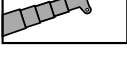







General remarks · Remarques générales · Notas adicionales

Illustrations and measurements in this brochure are approximations and are presented for informational and descriptive purposes only. For all lift planning and operating requirements, consult the equipment's load charts and operations manuals. Read and follow all safety precautions in these manuals and load charts for safe operation of the crane. Improper use of the equipment may cause serious or fatal bodily injury and significant property damage. Some specifications are subject to change without notice.

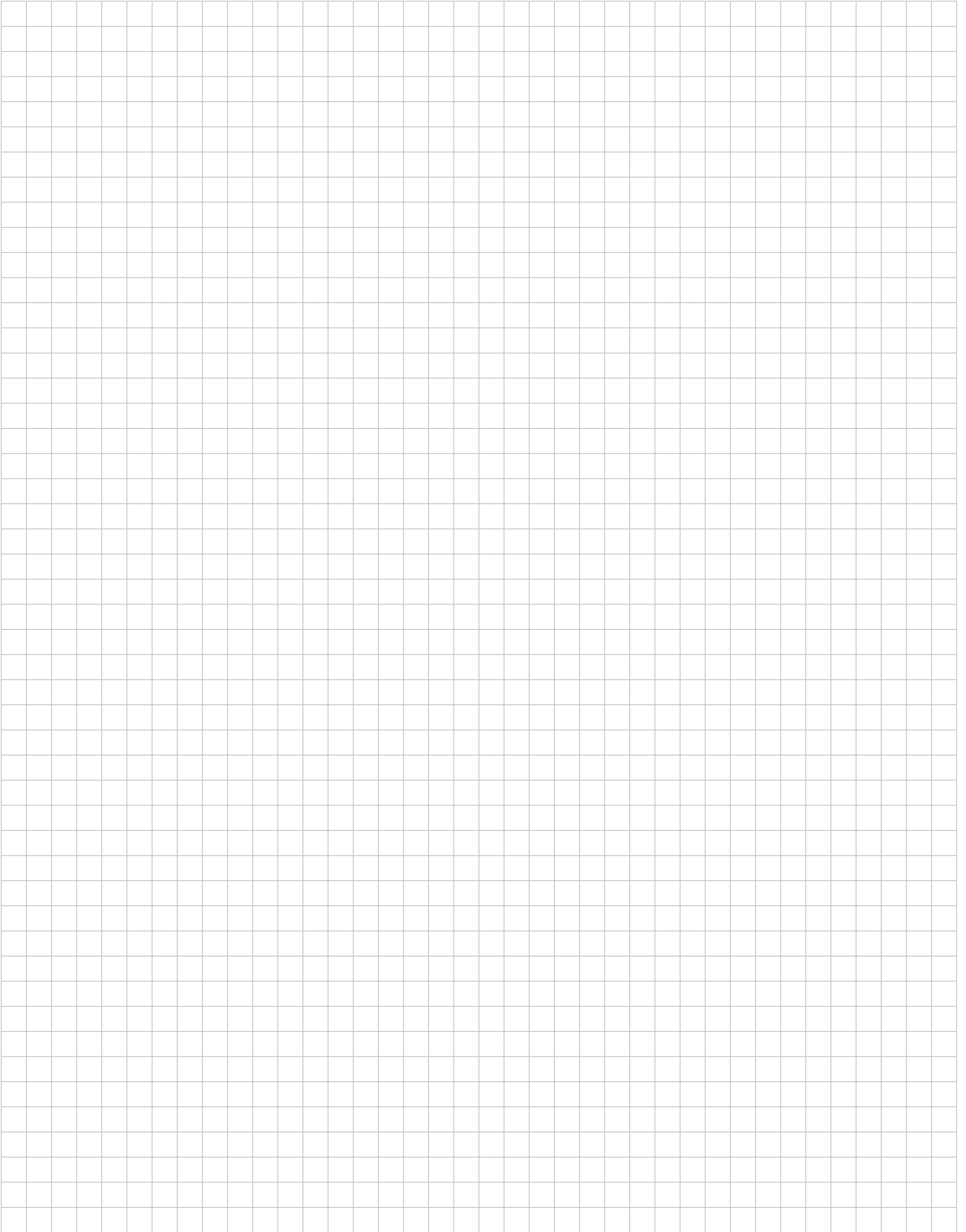
Les illustrations et indications de mesure doivent être considérées comme approximatives dans cette brochure et ne servent que d'information et à la compréhension. Des informations sur la prévision de course et les impératifs de fonctionnement sont données dans les tableaux de charges et les manuels d'utilisation de l'équipement. Lire et respecter toutes les mesures de sécurité indiquées dans ces manuels et les tableaux de charges afin de sécuriser le fonctionnement de la grue. Une utilisation non conforme de l'équipement peut être à l'origine de graves blessures et même de la mort et causer des dommages matériels considérables. Sous réserve de modification de quelques caractéristiques techniques sans préavis.

Las ilustraciones y las dimensiones presentadas en este folleto son aproximaciones y sólo tienen fines informativos y descriptivos. Para planificar cualquier elevación y para los requisitos operativos, consultar las tablas de carga y los manuales de operación del equipo. Leer y observar todas las precauciones de seguridad indicadas en estos manuales y estas tablas de carga para una operación segura de la grúa. El uso indebido del equipo puede causar lesiones graves o mortales y daños materiales importantes. Algunas especificaciones están sujetas a cambios sin previo aviso.

Symbols · Glossaire des symboles · Glosario de símbolos

	Gross weight · Poids total · Peso total		Fly jib section · Élément de fléchette · Plumín
	Axle load · Charge à l'essieu · Carga por eje		Hydraulic telescopic and luffing jib HTLJ Fléchette télescopique relevable hydrauliquement HTLJ Plumín hidráulicamente telescopable y regulable HTLJ
	Drive · Entraînement · Tracción		Dolly · Chariot de transport dolly · Carro tipo dolly
	Tyres · Pneus · Neumáticos		Swing area · Rayon de rotation · Zona de giro
	Gradeability · Capacité de gravissement de pente Superación de pendientes		Hydraulically lockable · Verrouillable hydrauliquement Con embulonamiento hidráulico
	Off road / On road · Tout-terrain / Mode "Route" Todo terreno / En carretera		Main winch · Mécanisme de levage Cabrestante principal
	Speed · Vitesse · Velocidad		Auxiliary winch · Treuil supplémentaire Cabrestante auxiliar
	Outriggers · Calage · Estabilizadores		Rated capacity Capacité nominale Capacidad nominal
	Counterweight · Contrepoids · Contrapeso		Lifting capacity · Charge de levage · Carga Portata
	Counterweight element · Élément de contrepoids Parte del contrapeso		Rope sheaves · Poulies de câbles · Poleas de cable
	Length · Longueur · Longitud		Parts of line · Brins de câble · Ramales de cable
	Boom elevation · Mécanisme de relevage Elevación de pluma		Dead-weight · Poids total · Tara
	Boom telescoping · Télescopage de flèche Telescopaje de pluma		Wire rope length · Longueur du câble de levage Longitud del cable
	Telescopic boom · Flèche télescopique Pluma telescópica		Wire rope diameter · Diamètre du câble de levage Diámetro del cable de elevación
	Radius · Portée · Radio		Maximum wire rope pulling force Force de traction maxi. du câble de levage Fuerza de tracción máxima del cable de elevación
	Fixed jib · Fléchette rigide · Plumín regulable		Weight · Poids · Peso
	Tiltable jib · Fléchette inclinable · Plumín fijo	US t t	= short tons · tonnes américaines · toneladas cortas = metric tons · tonnes métriques · toneladas métricas
	Hydraulically tiltable jib Fléchette inclinable hydrauliquement Plumín regulable hidráulicamente	ASME	Standard by The American Society of Mechanical Engineers Norme délivrée par The American Society of Mechanical Engineers Norma emitida por The American Society of Mechanical Engineers





tac.sales@tadano.com
www.tadanoamericas.com

Tadano Europe Holdings GmbH

Dinglerstraße 24, 66482 Zweibrücken, Germany
Phone +49 6332 830

Tadano America Corporation

4242 West Greens Road, Houston, TX 77066
Phone: +1 (281) 869-00300 · Fax: +1 (281) 869-0040



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