

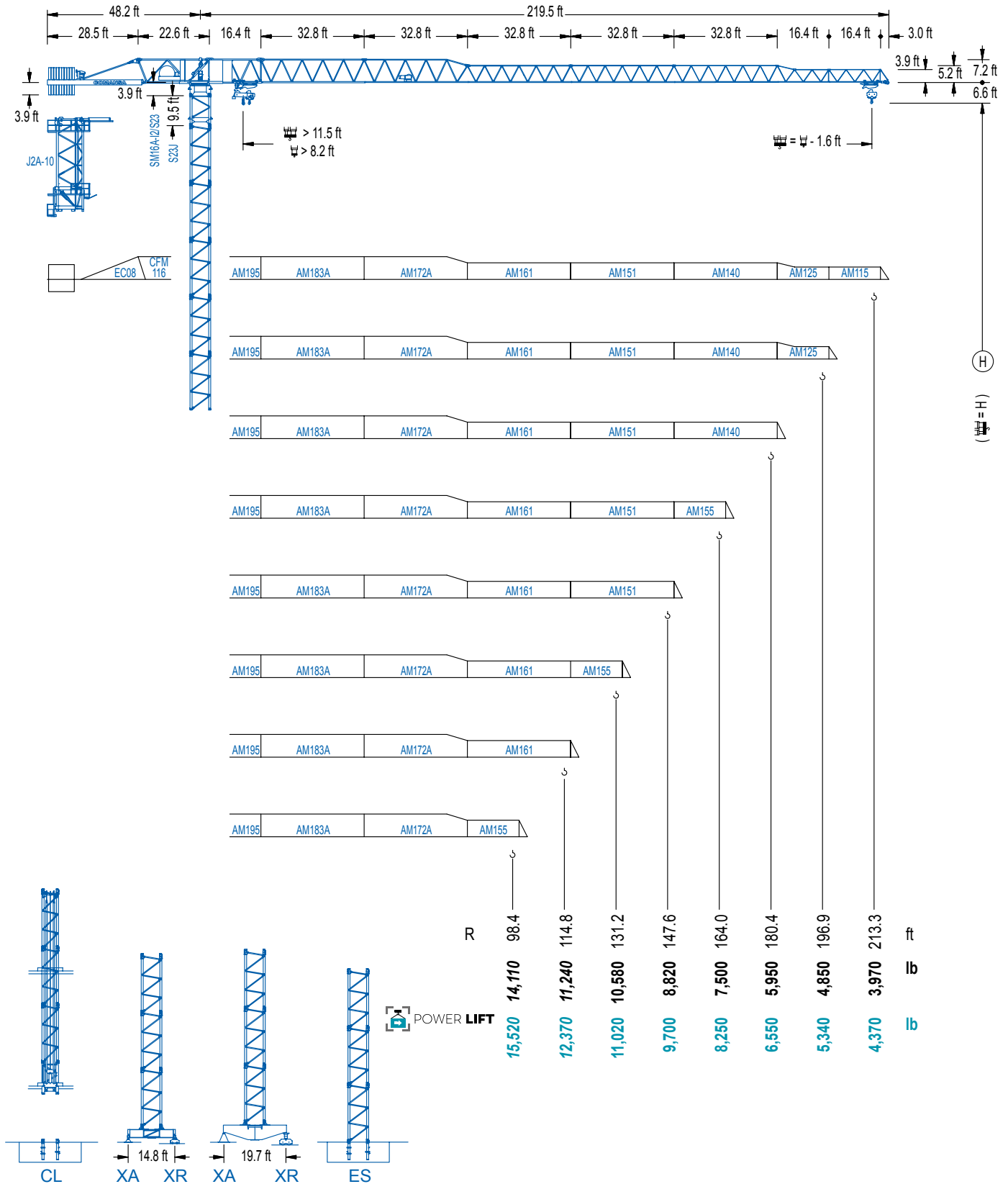


COMANSA

1600 Series

16 LC 185

22,050 lb

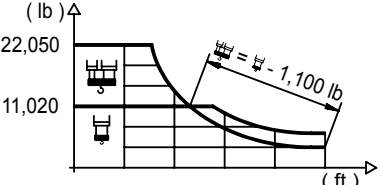


1600 Series

DIAGRAMA DE CARGAS

Load chart / Diagramme de charges / Lastdiagramm / Diagramma di carico / Диаграмма распределения нагрузки

R (ft)																						
213.3	47.2 22,050	65.6 14,950	72.2 13,290	78.7 11,950	84.0 11,020	90.6 11,020	98.4 10,030	105.0 9,300	114.8 8,400	124.7 7,630	131.2 7,190	137.8 6,790	147.6 6,260	154.2 5,930	164.0 5,510	170.6 5,250	180.4 4,890	187.0 4,700	196.9 4,390	203.4 4,210	213.3 ft 3,970 lb	
196.9	50.9 22,050	65.6 16,290	72.2 14,530	78.7 13,070	85.3 11,840	90.2 11,020	97.8 11,020	105.0 10,190	114.8 9,190	124.7 8,360	131.2 7,870	137.8 7,450	147.6 6,860	154.2 6,530	164.0 6,060	170.6 5,780	180.4 5,400	187.0 5,160	196.9 ft 4,850 lb			
180.4	54.8 22,050	65.6 17,790	72.2 15,900	78.7 14,310	85.3 12,990	91.9 11,860	97.4 11,020	106.0 11,020	114.8 10,080	124.7 9,170	131.2 8,640	137.8 8,180	147.6 7,540	154.2 7,160	164.0 6,660	170.6 6,370	180.4 ft 5,950 lb					
164.0	60.0 22,050					72.2 17,750	78.7 16,010	85.3 14,550	91.9 13,290	98.4 12,240	107.0 11,020	117.1 11,020	124.7 10,270	131.2 9,680	137.8 9,170	147.6 8,470	154.2 8,050	164.0 ft 7,500 lb				
147.6	62.0 22,050					72.2 18,410	78.7 16,620	85.3 15,100	91.9 13,820	98.4 12,720	110.6 11,020	121.4 11,020	124.7 10,690	131.2 10,080	137.8 9,550	147.6 ft 8,820 lb						
131.2	64.3 22,050					72.2 19,270	78.7 17,390	85.3 15,830	91.9 14,480	98.4 13,340	105.0 12,320	114.8 11,020	126.6 11,020	131.2 ft 10,580 lb								
114.8	64.3 22,050					72.2 19,270	78.7 17,420	85.3 15,830	91.9 14,510	98.4 13,340	105.0 12,320	113.2 11,240	ft lb									
98.4	66.3 22,050					72.2 19,950	78.7 18,010	85.3 16,400	91.9 15,010	96.8 14,110	ft lb											



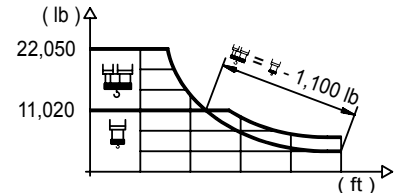
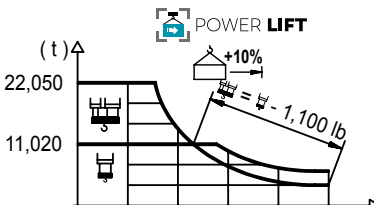


DIAGRAMA DE CARGAS POWERLIFT

Load chart PowerLift / Diagramme de charges PowerLift / Lastdiagramm PowerLift / Diagramma di carico PowerLift / Диаграмма распределения нагрузки PowerLift

R (ft)																						
213.3	49.9 22,050	65.6 15,900	72.2 14,150	78.7 12,740	85.3 11,530	88.3 11,020	97.4 11,020	105.0 10,140	114.8 9,150	121.4 8,580	131.2 7,850	137.8 7,410	147.6 6,830	154.2 6,480	164.0 6,020	170.6 5,750	180.4 5,380	187.0 5,140	196.9 4,830	203.4 4,630	213.3 ft 4,370 lb	
196.9	55.8 22,050	65.6 18,190	72.2 16,230	78.7 14,640	85.3 13,270	91.9 12,130	99.1 11,020	105.6 11,020	114.8 10,030	121.4 9,410	131.2 8,620	137.8 8,130	147.6 7,520	154.2 7,140	164.0 6,640	170.6 6,350	180.4 5,930	187.0 5,690	196.9 ft 5,340 lb			
180.4	58.1 22,050	65.6 19,160	72.2 17,110	78.7 15,430	85.3 14,020	91.9 12,810	98.4 11,770	103.7 11,020	114.8 11,020	121.4 10,340	131.2 9,480	137.8 8,950	147.6 8,270	154.2 7,870	164.0 7,320	170.6 6,990	180.4 ft 6,550 lb					
164.0	64.3 22,050						72.2 19,220	78.7 17,350	85.3 15,780	91.9 14,440	98.4 13,290	105.0 12,300	114.5 11,020	127.0 11,020	131.2 10,630	137.8 10,050	147.6 9,300	154.2 8,860	164.0 ft 8,250 lb			
147.6	66.3 22,050						72.2 20,020	78.7 18,080	85.3 16,450	91.9 15,060	98.4 13,870	105.0 12,830	114.8 11,510	118.8 11,020	131.9 11,020	137.8 10,490	147.6 ft 9,700 lb					
131.2	69.2 22,050						72.2 20,990	78.7 18,980	85.3 17,280	91.9 15,830	98.4 14,590	105.0 13,490	114.8 12,100	124.0 11,020	131.2 ft 11,020 lb							
114.8	69.6 22,050						72.2 21,080	78.7 19,050	85.3 17,330	91.9 15,900	98.4 14,640	105.0 13,540	113.2 ft 12,370 lb									
98.4	71.5 22,050						72.2 21,870	78.7 19,780	85.3 18,010	91.9 16,510	96.8 ft 15,520 lb											

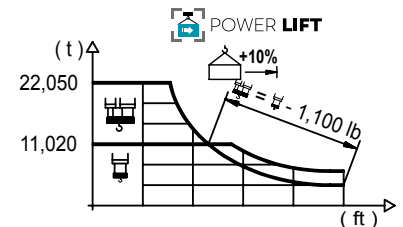


(t) ↑

22,050

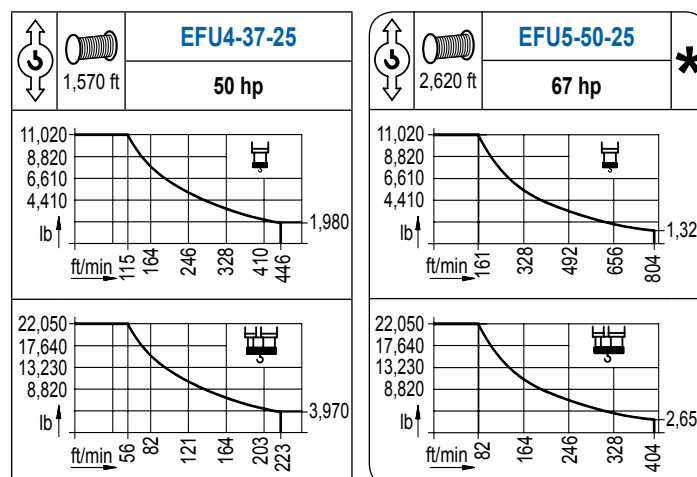
11,020

(ft) →



MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы



MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

	CFU-7.5
	10 hp
0 ⇔ 308 ft/min	

	GFU-7.5
	2x 10 hp
0 ⇔ 0,7 rpm	

	TRA-7.5
	2x 55 ft-lb
	78 ft/min
	3XR52 5XR72

	TRA-7.5VC	*
	2x 55 ft-lb	
	78 ft/min	
	5XR72	

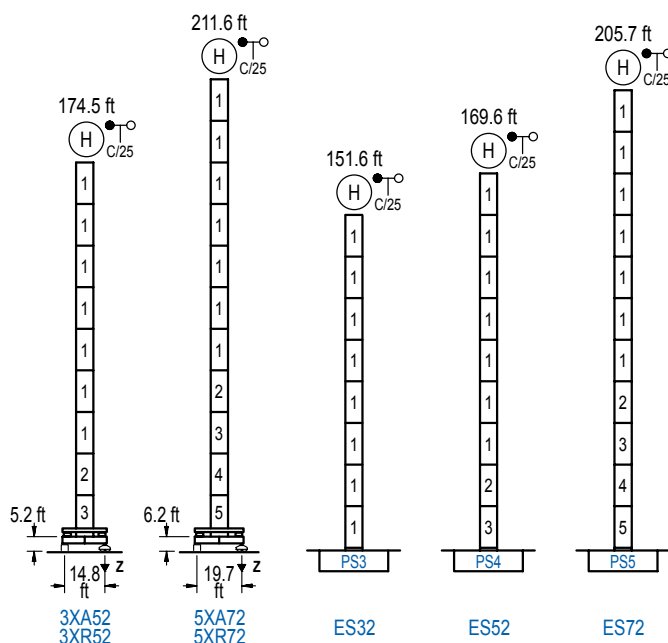
POTENCIA / POWER / PUISSANCE / LEISTUNG / POTENZA / МОЩНОСТЬ				Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Tensione di alimentazione / Напряжение источника питания	
Elevación / Hoist / Levage / Hub / Sollevamento / Тип механизма (подъем)	Carro / Trolley / Chariot / Laufkatze / Carrello / Грузовая тележка	Giro / Slewing / Rotation / Drehbewegung / Rotazione / Поворот	Traslación / Travel / Translation / Verfahrbewegung / Traslazione / Ход	Generador / Generator / Générateur / Generator / Generatore / Генератор	
EFU4-37-25	CFU-7.5	(2x) GFU-7.5	(2x) TRA-7.5	480 V 3ph 60 Hz	115 kVA
EFU5-50-25					150 kVA

Optional / Optional / En option / Kaufoption / Opzionale / Опционально
*

ALTURAS BAJO GANCHO

Heights under hook / Hauteurs sous crochet / Hakenhöhen / Altezza sotto gancio / Высота под крюком

∅ 6.6 ft

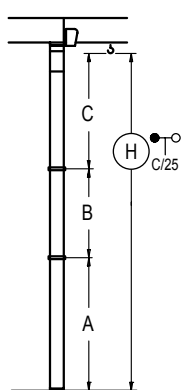


n°	Ref.	∅	h
1	S23	6.6	18.0
2	TS24	6.6	18.0
3	S24	6.6	18.0
4	TS25	6.6	18.0
5	S25	6.6	18.0
1x S25 = 1x S25M			

Z máx.	En servicio / In operation / En service / In Betrieb / In servizio / При работе	3XR52.. 194 kip 5XR72.. 194 kip
	Fuera de servicio / Out of service / Hors service / Ausser Betrieb / Fuori servizio / В стационарном состоянии	3XR52.. 220 kip 5XR72.. 293 kip

GRÚA ARRIOSTRADA

Braced crane / Grue à entretoisement / Abgespannter Kran / Gru ancorata / Нарастаемый кран

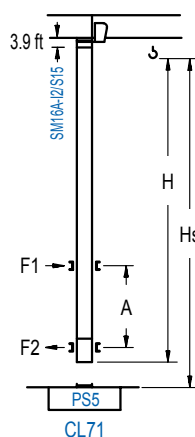


	3XA52	5XA72
A max	131.6 59.4	168.6 96.5
B max	- 72.2 54.1	- 72.2 54.1
C max	115.1 115.1	115.1 97.1
H max	246.7 318.9	283.8 337.9

	ES32	ES52	ES72
A max	90.6 54.5	126.6 54.5	162.7 90.6
B max	- 72.2 54.1	- 72.2 54.1	- 72.2 54.1
C max	115.1 115.1	115.1 115.1	115.1 97.1
H max	205.7 277.9	241.8 314.0	277.9 332.0

GRÚA TREPADORA

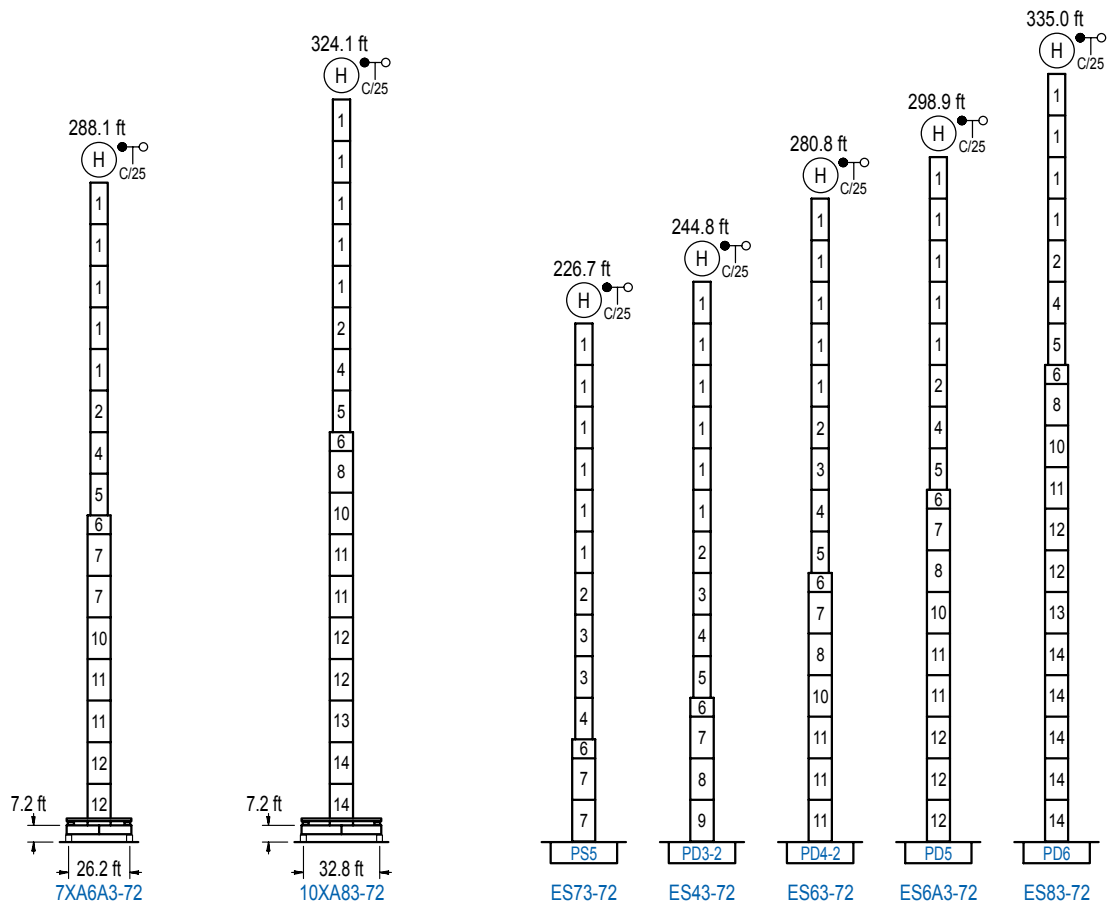
Internal climbing crane / Grue avec cage de télescopage intérieure / Kran mit klettern im Gebäude / Gru in rampante in cavedio / Кран с самоподъемом



	Hs < 1,310 ft	
	A max (ft)	A min (ft)
8x S15 + CLS15-08	64.3	36.1
7x S15 + CLS15-08	55.1	29.5
6x S15 + CLS15-08	46.3	23.0

n°	Ref.	∅	h
14	S15	5.2	18.0
15	CLS15-08	5.2	10.2
1x S15 = 1x S15M			

Otras zonas de viento, alturas superiores, arriostramientos o trepado interno consultar / Other wind zones, additional hook heights, tie frames or internal climbing on request / Autres zones de vent, des hauteurs supplémentaires, entretoisements ou grues avec cage de télescopage intérieure, sur demande / Andere Windzonen, weitere Hakenhöhen, Abspannungen zum Gebäude oder Klettern im Gebäude auf Anfrage / Per zone con velocità del vento particolari, altezze superiori, ancoraggi o rampante in cavedio, consultare il fabbricante / При других ветренных зонах, при большой высоте, привязках к зданию или наращивании крана внутри здания проконсультируйтесь с нами



n°	Ref.	Ø	h	n°	Ref.	Ø	h	n°	Ref.	Ø	h	n°	Ref.	Ø	h
1	S23	6.6	18.0	4	TS25	6.6	18.0	7	S35	8.2	18.0	11	D34	8.2	18.0
2	TS24	6.6	18.0	5	S25	6.6	18.0	8	TD33A	8.2	18.0	12	D35	8.2	18.0
3	S24	6.6	18.0	6	TMS35S25	8.2	3.3	9	D33	8.2	18.0	13	TD36B	8.2	18.0
								10	TD34	8.2	18.0	14	D36B	8.2	18.0
									1x S35 = 1x S35M						
									1x D33 = 1x D33M						

Otras zonas de viento o alturas superiores consultar / Other wind zones or additional hook heights on request / Autres zones de vent ou des hauteurs supplémentaires sur demande / Andere Windzonen oder weitere Hakenhöhen auf Anfrage / Per zone con velocità del vento particolari o altezze superiori consultare il fabbricante / При других ветренных зонах о при большой высоте проконсультируйтесь с нами