

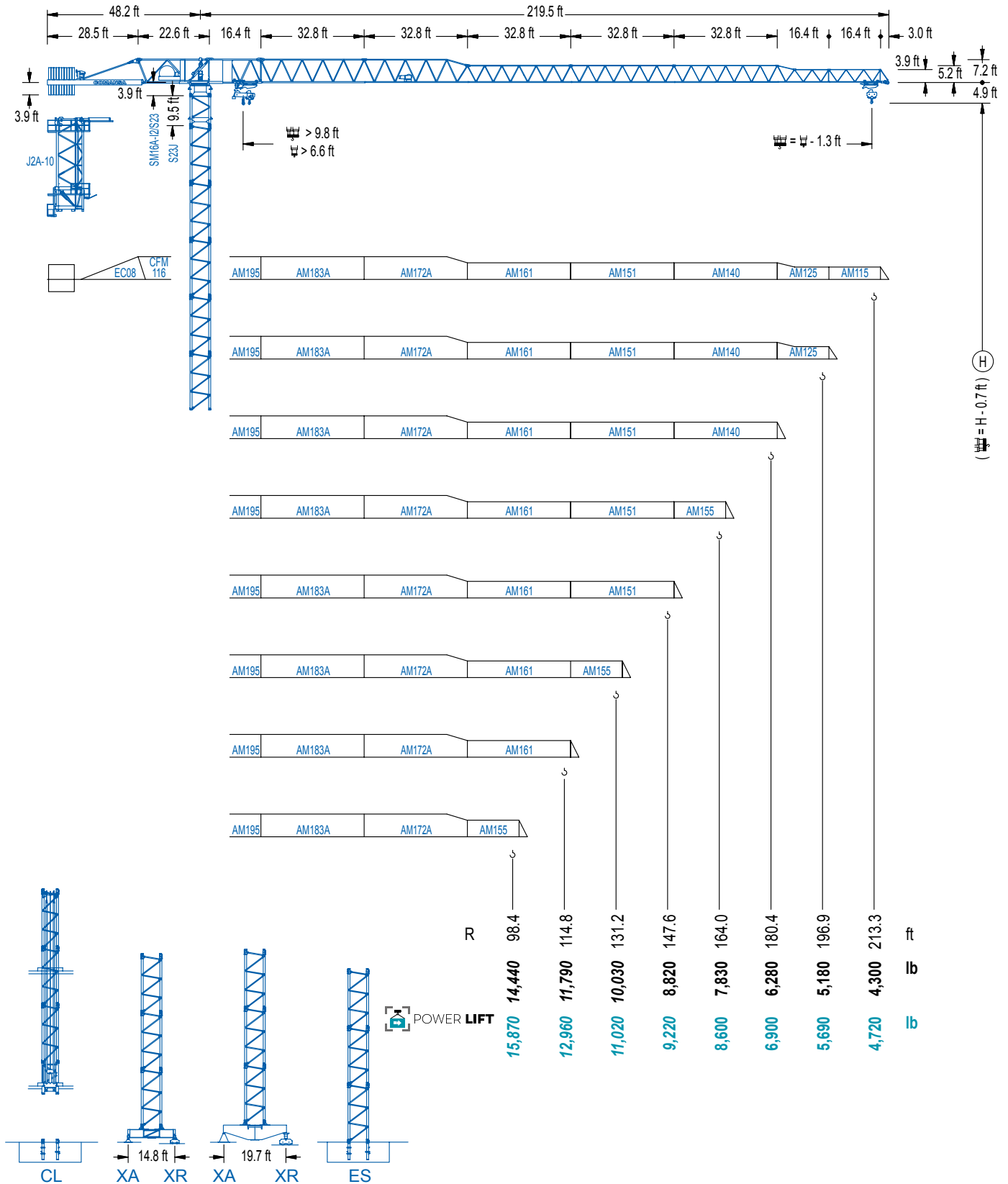


COMANSA

1600 Series

16 LC 185

17,640 lb

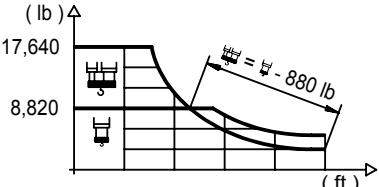


1600 Series

DIAGRAMA DE CARGAS

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

R (ft)																						
213.3	58.7 17,640	65.6 15,520	72.2 13,890	78.7 12,540	85.3 11,400	91.9 10,430	98.4 9,590	105.3 8,820	114.8 8,820	121.4 8,270	131.2 7,580	137.8 7,160	147.6 6,610	154.2 6,310	164.0 5,860	170.6 5,600	180.4 5,250	187.0 5,030	196.9 4,740	203.4 4,540	213.3 4,300	ft lb
196.9		63.3 17,640	72.2 15,120	78.7 13,650	85.3 12,430	91.9 11,380	98.4 10,470	105.0 9,680	113.2 8,820	123.7 8,820	131.2 8,250	137.8 7,800	147.6 7,230	154.2 6,880	164.0 6,390	170.6 6,130	180.4 5,730	187.0 5,510	196.9 5,180			ft lb
180.4		67.9 17,640	72.2 16,470	78.7 14,900	85.3 13,580	91.9 12,430	98.4 11,460	105.0 10,600	114.8 9,520	122.4 8,820	133.9 8,820	137.8 8,530	147.6 7,890	154.2 7,520	164.0 7,010	170.6 6,700	180.4 6,280					ft lb
164.0			74.8 17,640	78.7 16,600	85.3 15,120	91.9 13,890	98.4 12,810	105.0 11,860	114.8 10,670	121.4 9,990	131.2 9,080	134.5 8,820	147.6 8,820	154.2 8,380	164.0 7,830							ft lb
147.6				77.8 17,640	85.3 15,900	91.9 14,590	98.4 13,470	105.0 12,480	114.8 11,220	121.4 10,520	131.2 9,570	140.4 8,820	147.6 8,820									ft lb
131.2					80.1 17,640	85.3 16,400	91.9 15,080	98.4 13,910	105.0 12,900	114.8 11,620	121.4 10,870	129.9 10,030										ft lb
114.8						80.1 17,640	85.3 16,420	91.9 15,080	98.4 13,930	105.0 12,920	113.5 11,790											ft lb
98.4							81.7 17,640	85.3 16,750	91.9 15,390	97.1 14,440												ft lb



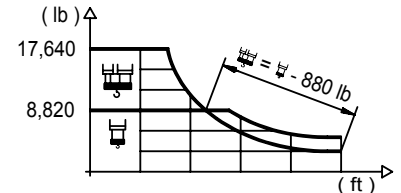
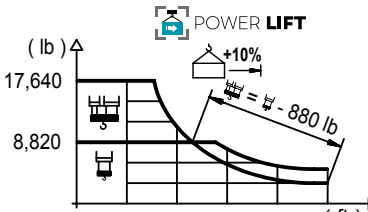
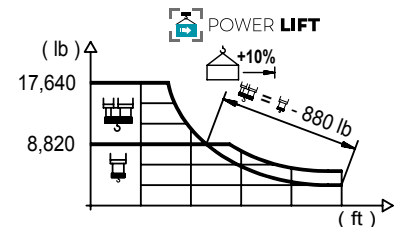


DIAGRAMA DE CARGAS POWERLIFT

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

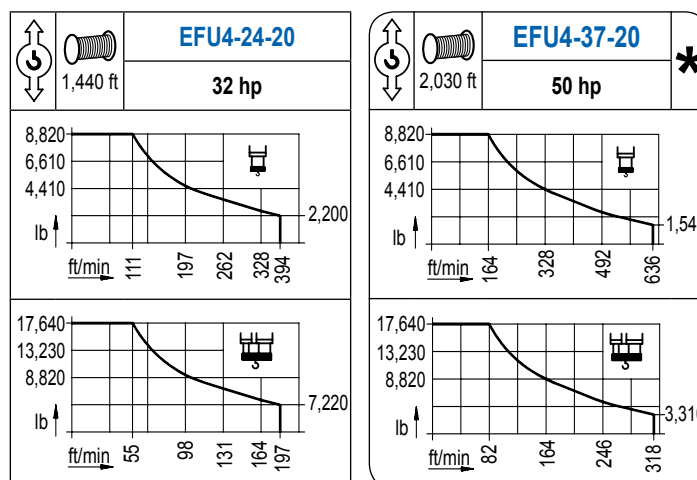
R (ft)																						
213.3	62.3 17,640	65.6 16,640	72.2 14,900	78.7 13,450	85.3 12,240	91.9 11,200	98.4 10,320	105.0 9,550	111.9 8,820	124.0 8,820	131.2 8,270	137.8 7,830	147.6 7,230	154.2 6,880	164.0 6,420	170.6 6,130	180.4 5,730	187.0 5,510	196.9 5,180	203.4 4,980	213.3 4,720	ft lb
196.9		67.3 17,640	72.2 16,290	78.7 14,730	85.3 13,400	91.9 12,280	98.4 11,330	105.0 10,470	114.8 9,390	121.1 8,820	133.9 8,820	137.8 8,530	147.6 7,890	154.2 7,520	164.0 7,010	170.6 6,700	180.4 6,280	187.0 6,040	196.9 5,690			ft lb
180.4			72.8 17,640	78.7 16,140	85.3 14,700	91.9 13,490	98.4 12,430	105.0 11,530	114.8 10,360	121.4 9,680	131.2 8,820	145.0 8,820	147.6 8,640	154.2 8,250	164.0 7,690	170.6 7,360	180.4 6,900					ft lb
164.0				80.4 17,640	85.3 16,470	91.9 15,120	98.4 13,960	105.0 12,940	114.8 11,660	121.4 10,910	131.2 9,940	137.8 9,370	144.7 8,820	160.4 8,820	164.0 8,600							ft lb
147.6					84.0 17,640	91.9 15,940	98.4 14,730	105.0 13,670	114.8 12,300	121.4 11,530	131.2 10,520	137.8 9,920	146.3 9,220									ft lb
131.2						86.6 17,640	91.9 16,490	98.4 15,260	105.0 14,150	114.8 12,740	121.4 11,950	129.9 11,020										ft lb
114.8							86.9 17,640	91.9 16,560	98.4 15,300	105.0 14,200	113.5 12,960											ft lb
98.4								88.6 17,640	91.9 16,910	97.1 15,870												ft lb





MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

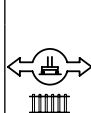


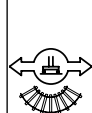
MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

	CFU-4.0
	5.4 hp
0 ⇔ 295 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	

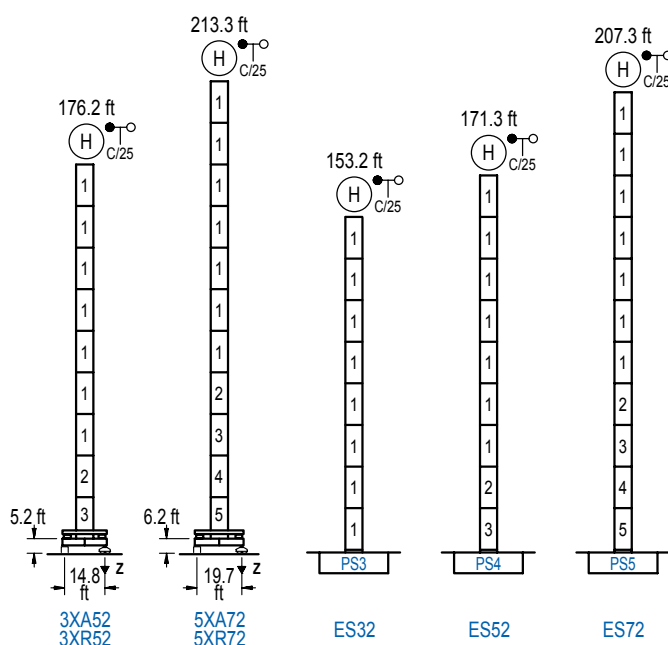
POTENCIA / POWER / PUISSANCE / LEISTUNG / POTENZA / МОЩНОСТЬ				Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Tensione di alimentazione / Напряжение источника питания	
Elevación / Hoist / Levage / Hub / Sollevamento / Тип механизма (подъем)	Carro / Trolley / Chariot / Laufkatze / Carrello / Грузовая тележка	Giro / Slewing / Rotation / Drehbewegung / Rotazione / Поворот	Traslación / Travel / Translation / Verfahrbewegung / Traslazione / Ход	Generador / Generator / Générateur / Generator / Generatore / Генератор	
EFU4-24-20	CFU-4.0	(2x) GFU-7.5	(2x) TRA-7.5	480 V 3ph 60 Hz	85 kVA
EFU4-37-20					110 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

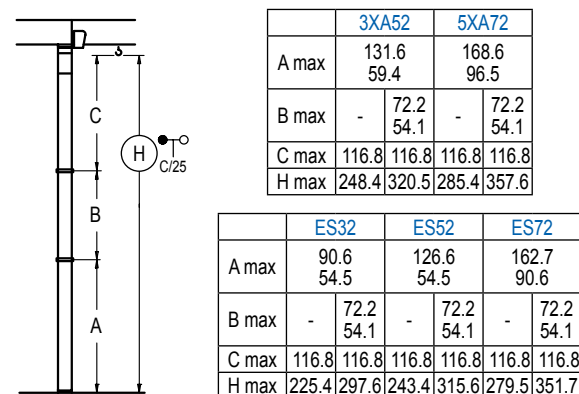


n°	Ref.	∅	h
1	S23	6.6	18.0
2	TS24	6.6	18.0
3	S24	6.6	18.0
4	TS25	6.6	18.0
5	S25	6.6	18.0
1x S25 = 1x S25M			

Z máx.	En servicio / In operation / En service / In Betrieb / In servizio / При работе	3XR52.. 194 kip 5XR72.. 187 kip
	Fuera de servicio / Out of service / Hors service / Ausser Betrieb / Fuori servizio / В стационарном состоянии	3XR52.. 220 kip 5XR72.. 293 kip

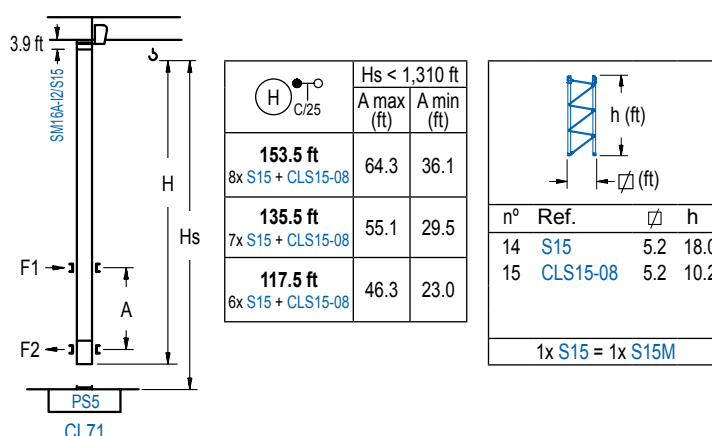
GRÚA ARRIOSTRADA

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

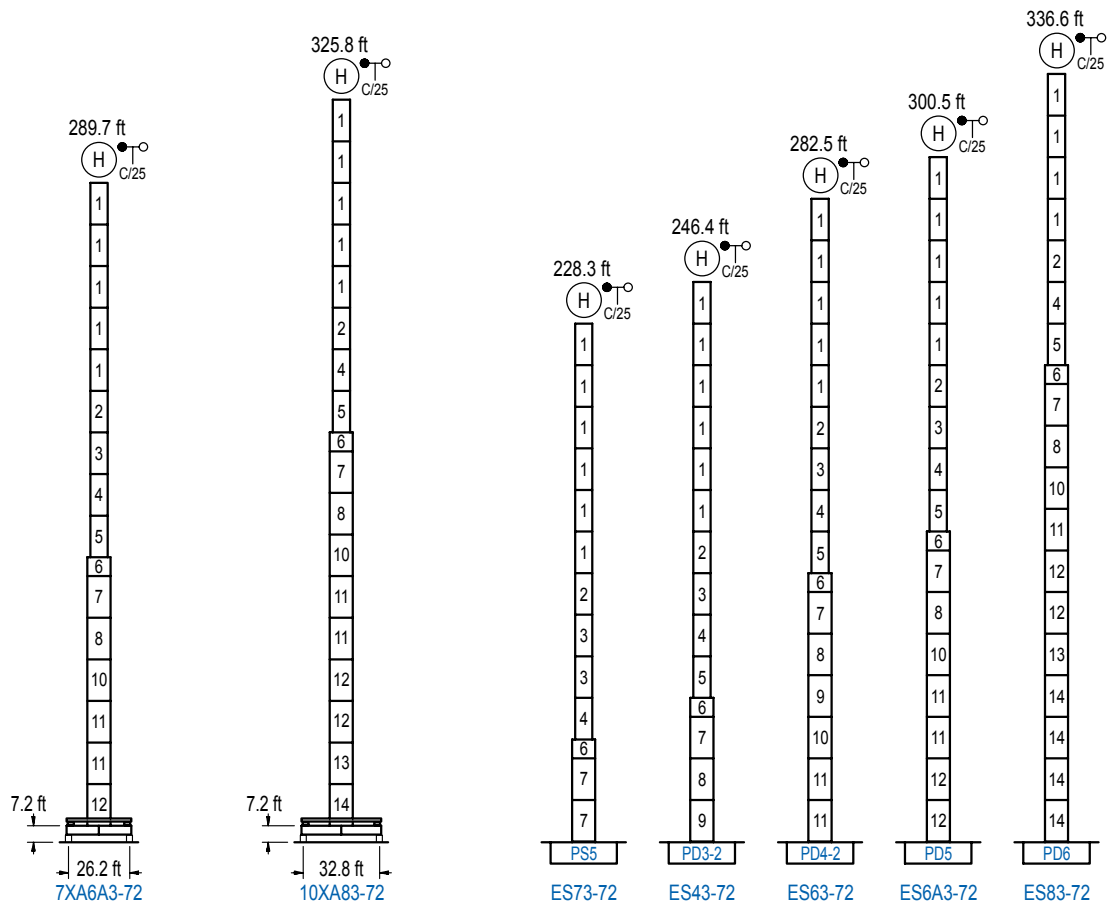


GRÚA TREPADORA

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



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