

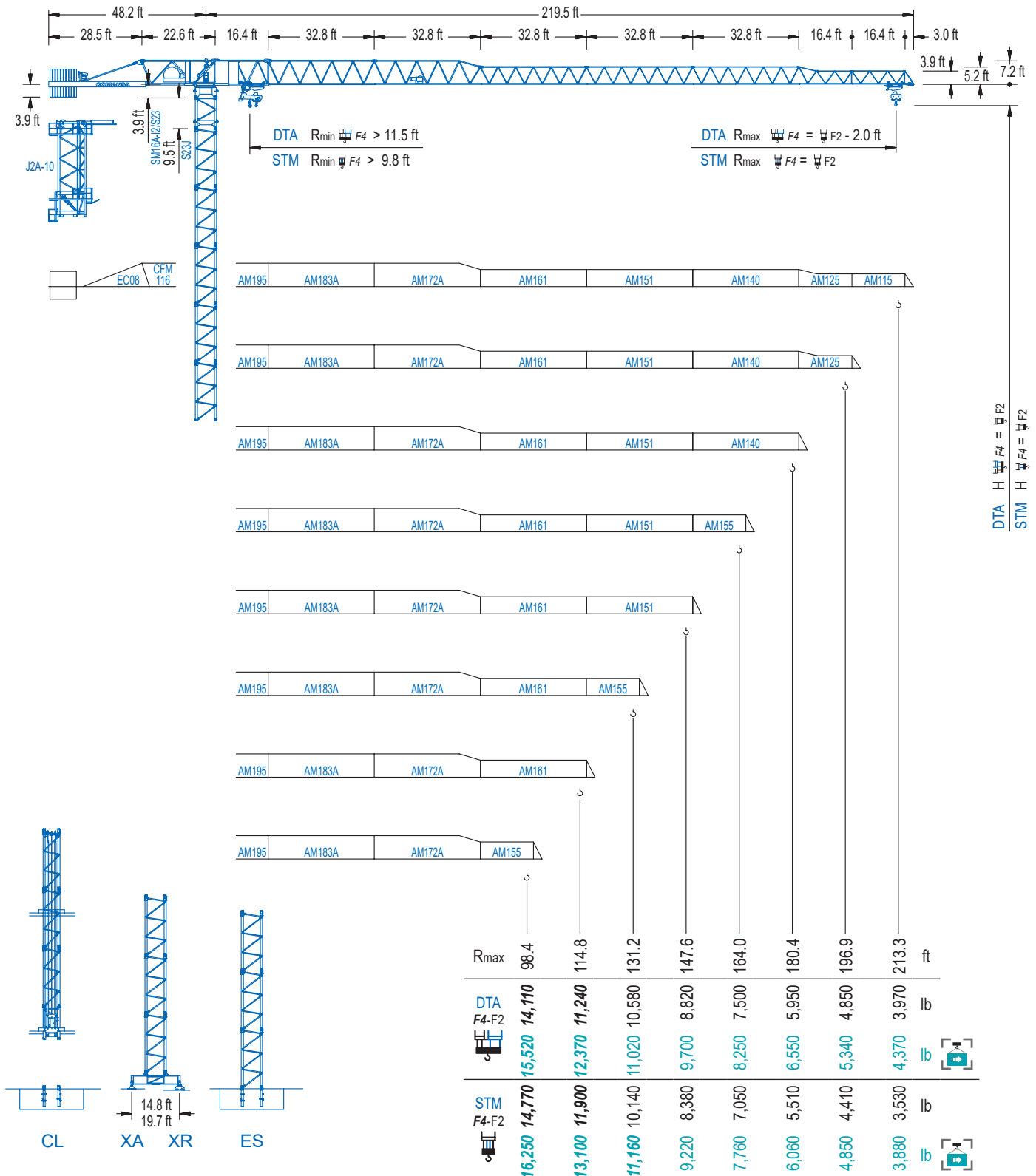


COMANSA

1600 Series

16LC185

22,050 lb



1600 Series

DTA Doble Carro SR/DR Automático. / Double Trolley Automatic SR/DR. / Double Chariot SM/DM Automatique. / Doppel Katze mit automatischer Umschierung. / Carrello doppio SR/DR automatico. / Автоматическое переключение на двоенную каретку.

STM Simple Carro SR/DR Manual. / Simple Trolley Manual SR/DR. / Simple Chariot SM/DM Manuel. / Einfach Katze mit manueller Umschierung. / Carrello singolo SR/DR manuale. / Механическое (ручное) переключение на одинарную каретку.

CE EN 14439

DIAGRAMA DE CARGAS

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

DTA

R	22,050 lb F4	11,020 lb F2	F4						F2						↔ (ft) ↕ (lb)		
			39.4	49.2	55.8	65.6	72.2	82.0	88.6	98.4	114.8	131.2	147.6	164.0	180.4	196.9	213.3
213.3	48.2 51.5	85.0 91.2 91.2 98.1	22,050	21,520	18,520	15,210	13,540	11,530	11,020	10,100	8,440	7,230	6,280	5,510	4,920	4,410	3,970
				22,050	20,110	16,530	14,730	12,590	11,420	10,960	9,190	7,870	6,860	6,040	5,380	4,830	4,370
196.9	51.5 55.4	91.2 98.4 98.1 106.0	22,050	20,080	16,530	14,730	12,590	11,420	11,000	9,240	7,890	6,880	6,060	5,400	4,850		
				22,050	21,870	18,030	16,070	13,760	12,520	11,020	10,080	8,640	7,540	6,660	5,930	5,340	
180.4	55.4 59.7	98.1 106.3 105.6 115.2	22,050	21,850	18,010	16,070	13,760	12,500	11,020	10,100	8,660	7,560	6,680	5,950			
				22,050	19,690	17,570	15,080	13,730	12,060	11,020	9,480	8,290	7,320	6,550			
164.0	60.4 65.3	107.3 117.5 116.1 127.3	22,050	20,020	17,900	15,340	13,980	12,280	11,020	9,700	8,470	7,500					
				22,050	21,940	19,620	16,870	15,390	13,540	11,200	10,650	9,300	8,250				
147.6	62.3 67.3	110.6 121.4 120.1 131.9	22,050	20,720	18,520	15,900	14,480	12,740	11,020	10,100	8,820						
				22,050	20,350	17,500	15,960	14,070	11,640	11,020	9,700						
131.2	64.6 70.9	114.8 126.6 123.7 131.2	22,050	21,630	19,330	16,620	15,150	13,340	11,020	10,580							
				22,050	21,080	18,120	16,560	14,590	12,080	11,020							
114.8	64.6 69.6	112.9 112.9	22,050	21,610	19,310	16,580	15,120	13,320	11,240								
				22,050	21,100	18,140	16,580	14,590	12,370								
98.4	66.3 71.5	96.5 96.5	22,050	19,930	17,130	15,630	14,110										
				22,050	21,830	18,810	17,150	15,520									

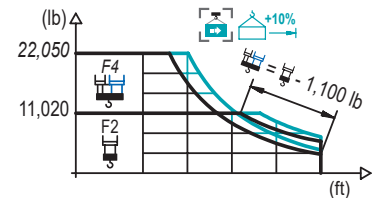
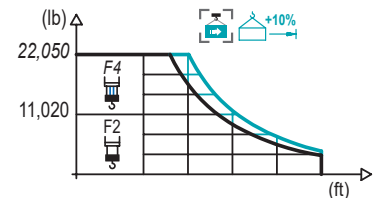


DIAGRAMA DE CARGAS

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

STM

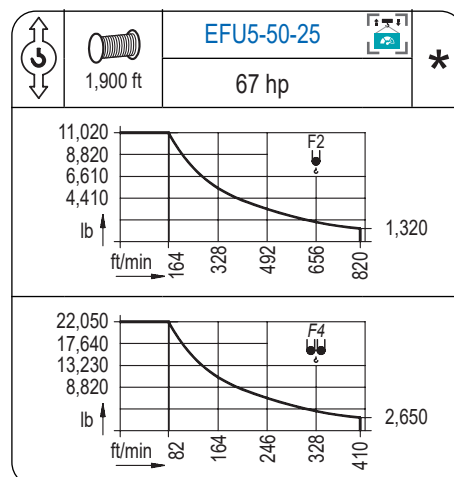
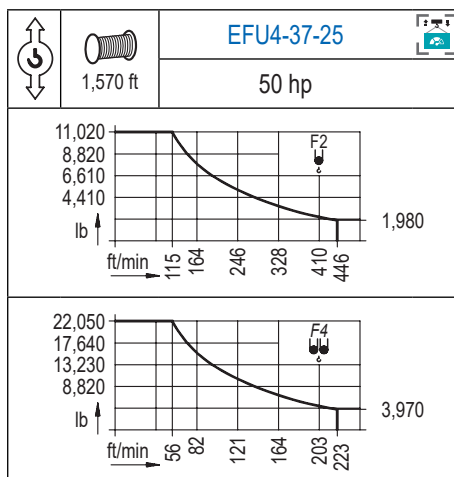
R	22,050 lb F4	11,020 lb F2	F4						F2						↔ (ft) ↕ (lb)		
			39.4	49.2	55.8	65.6	72.2	82.0	88.6	98.4	114.8	131.2	147.6	164.0	180.4	196.9	213.3
213.3	48.2 51.2	87.6 93.5	22,050	21,520	18,630	15,450	13,820	11,900	10,890	9,590	7,960	6,750	5,820	5,070	4,450	3,950	3,530
				22,050	20,040	16,640	14,900	12,850	11,750	10,380	8,620	7,320	6,330	5,530	4,870	4,340	3,880
196.9	51.8 55.4	94.8 101.4	22,050	20,300	16,870	15,120	13,030	11,900	10,540	8,750	7,450	6,420	5,620	4,960	4,410		
				22,050	21,940	18,230	16,360	14,110	12,920	11,420	9,520	8,110	7,010	6,150	5,450	4,850	
180.4	56.1 60.4	102.4 110.2	22,050	18,430	16,530	14,290	13,070	11,550	9,630	8,200	7,100	6,220	5,510				
				22,050	20,020	17,970	15,520	14,220	12,590	10,520	8,970	7,780	6,830	6,060			
164.0	61.7 66.6	113.2 122.0	22,050	20,570	18,470	15,980	14,640	12,960	10,820	9,260	8,020	7,050					
				22,050	20,130	17,420	15,960	14,150	11,840	10,140	8,820	7,760					
147.6	64.0 68.9	117.1 127.0	22,050	21,380	19,200	16,620	15,210	13,490	11,290	9,660	8,380						
				22,050	20,970	18,140	16,640	14,770	12,370	10,580	9,220						
131.2	66.6 72.2	122.4	22,050	20,130	17,420	15,960	14,150	11,860	10,140								
				22,050	22,020	19,070	17,480	15,520	13,010	11,160							
114.8	66.9 72.5		22,050	20,220	17,500	16,030	14,220	11,900									
				22,050	19,180	17,590	15,610	13,100									
98.4	69.2 75.1		22,050	20,990	18,170	16,640	14,770										
				22,050	19,950	18,300	16,250										



Datos válidos hasta 328 ft de ABG. Para alturas mayores consultar / Valid data up to 328 ft HUH. Additional heights on request / Données valables jusqu'à 328 ft HSC. Pour des autres hauteurs, merci de nous consulter / Gültige Daten bis zu 328 ft HH. Bei höheren Hakenhöhen nachfragen / Dati validi fino a 328 ft ASG. Per altezze superiori consultare Comansa / Допустимые данные до 328 фут ВПК. Для более высоких высот консультируйтесь

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

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

Elevación / Hoist / Levage / Hub / Sollevamento / Тип механизма (подъем)	Carro / Trolley / Chariot / Laufkatze / Carrelo / Грузовая тележка	Giro / Slewing / Rotation / Drehbewegung / Rotazione / Поворот	Traslación / Travel / Translation / Verfahrbewegung / Traslazione / Ход	Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Tensione di alimentazione / Напряжение источника питания	Potencia requerida / Required power / Puissance requise / Benötigte Leistung / Potenza richiesta / требуемая мощность
EFU4-37-25	CFU-7.5	(2x) GFU-7.5	(2x) TRA-7.5	480 V	55 kVA
EFU5-50-25				3 ph 60 Hz	68 kVA

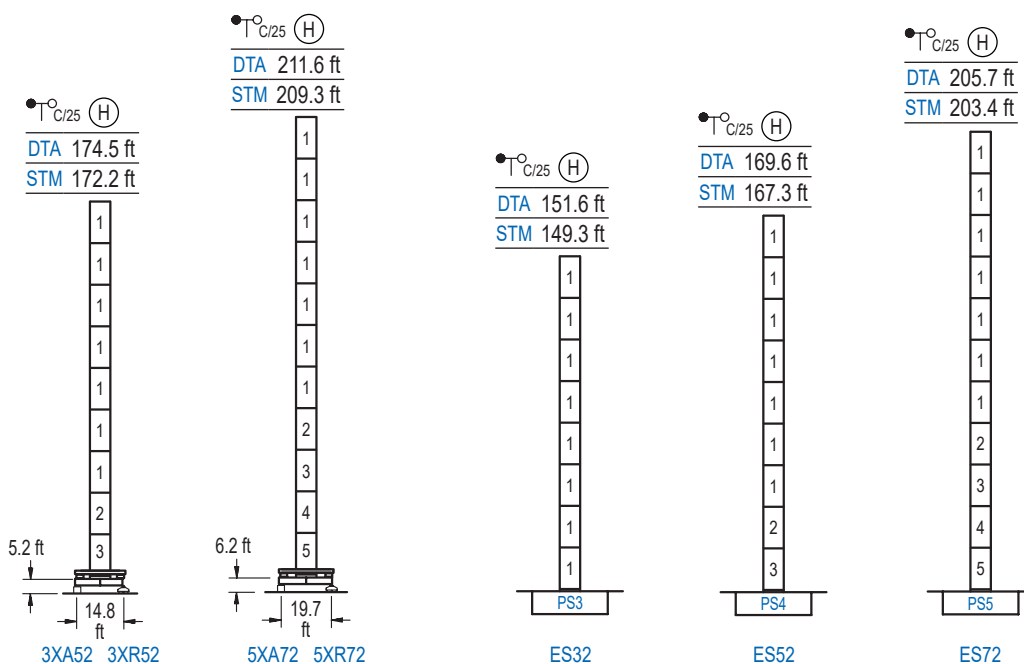
Opcional / Optional / En option / Kaufoption / Opzionale / Опционально
*

ALTURAS BAJO GANCHO

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

∅ 6.6 ft

1600 Series



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 S23 = 1x S23M
1x S25 = 1x S25M

GRÚA ARRIOSTRADA

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

∅ 6.6 ft

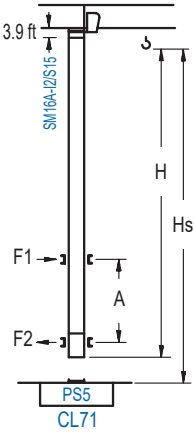
DTA (H) 	3XA52		5XA72	
A max	131.6		168.6	
A min	59.4		96.5	
B max	-	72.2	-	72.2
B min	-	54.1	-	54.1
C max	115.2	115.2	115.2	115.2
H max	246.7	318.9	283.8	356.0

DTA (H) 	ES32		ES52		ES72	
A max	108.6		126.6		162.7	
A min	54.5		54.5		90.6	
B max	-	72.2	-	72.2	-	72.2
B min	-	54.1	-	54.1	-	54.1
C max	115.2	115.2	115.2	115.2	115.2	115.2
H max	223.8	295.9	241.8	314.0	277.9	350.1

STM (H) 	3XA52		5XA72	
A max	131.6		168.6	
A min	59.4		96.5	
B max	-	72.2	-	72.2
B min	-	54.1	-	54.1
C max	112.9	112.9	112.9	112.9
H max	244.4	316.6	281.5	353.7

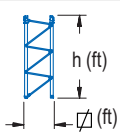
STM (H) 	ES32		ES52		ES72	
A max	108.6		126.6		162.7	
A min	54.5		54.5		90.6	
B max	-	72.2	-	72.2	-	72.2
B min	-	54.1	-	54.1	-	54.1
C max	112.9	112.9	112.9	112.9	112.9	112.9
H max	221.5	293.6	239.5	311.7	275.6	347.8

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



DTA (H)  C/25	Hs < 1,310 ft	
	A max (ft)	A min (ft)
151.9 ft 8x S15 + CLS15-08	64.3	36.1
133.9 ft 7x S15 + CLS15-08	55.1	29.5
115.8 ft 6x S15 + CLS15-08	46.3	23.0

STM (H)  C/25	Hs < 1,310 ft	
	A max (ft)	A min (ft)
149.6 ft 8x S15 + CLS15-08	64.3	36.1
131.6 ft 7x S15 + CLS15-08	55.1	29.5
113.5 ft 6x S15 + CLS15-08	46.3	23.0

		
Ref.	Ø	h
S15	5.2	18.0
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 où 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

1600 Series