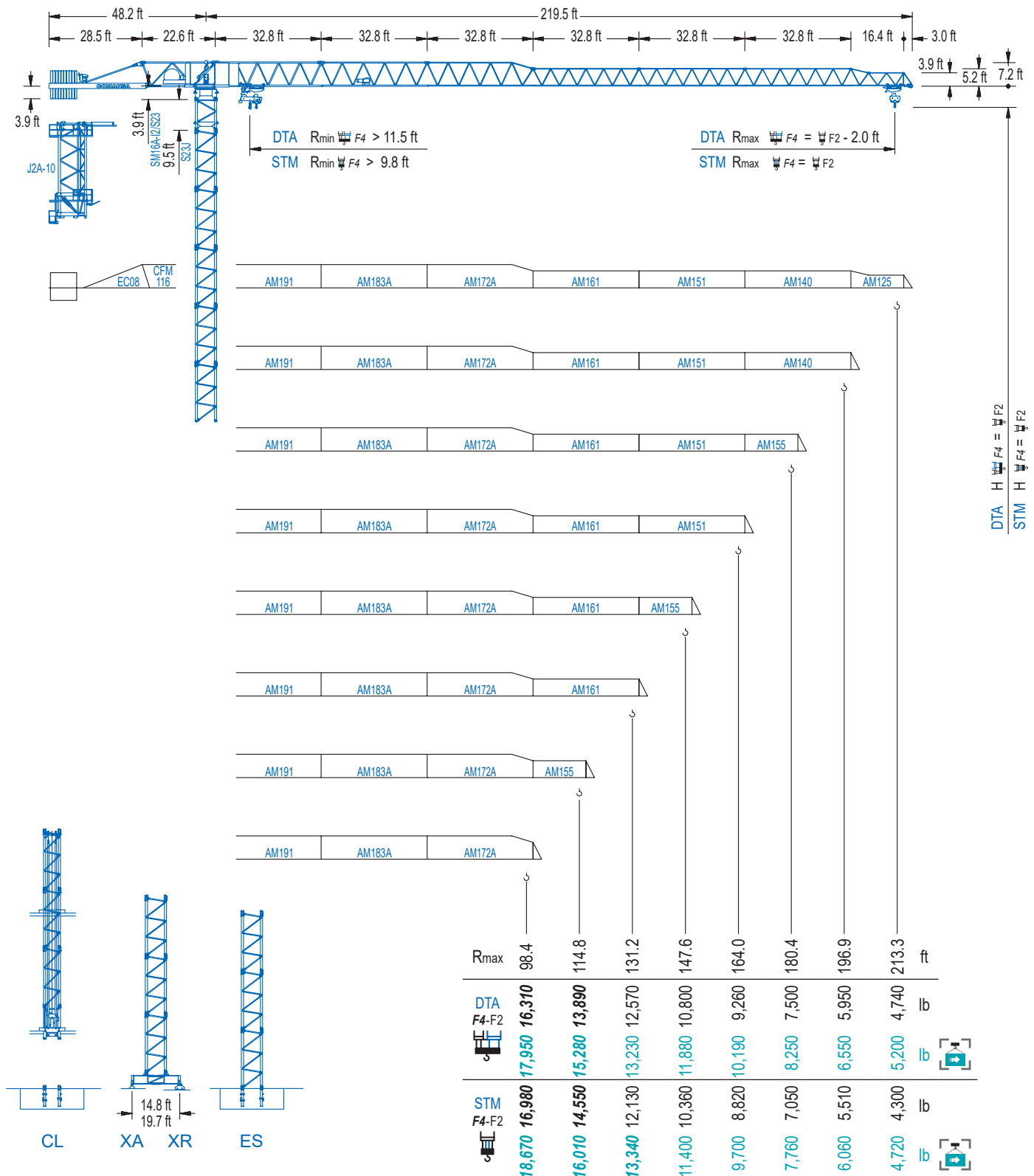


**COMANSA****1600 Series****16LC220****26,460 lb****1600 Series**

DTA $\frac{H}{F4} = \frac{H}{F2}$

STM $\frac{H}{F4} = \frac{H}{F2}$

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 двоянную 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	26,460 lb F4	13,230 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	46.9 50.5	83.7 88.9 91.5 95.8	26,460	25,020	21,580	17,790	15,870	13,580	13,230	11,790	9,900	8,490	7,410	6,530	5,820	5,250	4,740	
				26,460	23,460	19,380	17,280	14,840	13,490	12,830	10,780	9,260	8,090	7,140	6,390	5,750	5,200	
196.9	51.5 55.4	92.2 98.8 99.7 106.6	26,460	24,120	19,930	17,790	15,260	13,910	13,230	11,130	9,570	8,360	7,390	6,610	5,950			
				26,460	26,300	21,760	19,440	16,710	15,230	13,400	12,170	10,470	9,150	8,110	7,250	6,550		
180.4	56.8 61.4	102.0 109.6 110.2 118.8	26,460	22,350	20,000	17,200	15,670	13,800	13,230	12,570	10,800	9,460	8,380	7,500				
				26,460	24,450	21,890	18,850	17,220	15,190	13,230	11,840	10,360	9,190	8,250				
164.0	61.4 66.6	110.6 119.4 120.1 129.9	26,460	24,520	21,960	18,920	17,260	15,230	13,230	11,930	10,430	9,260						
				26,460	24,100	20,770	18,980	16,780	13,960	13,070	11,460	10,190						
147.6	63.0 94.5	113.5 123.7 123.4 134.2	26,460	25,260	22,620	19,490	17,810	15,720	13,230	12,320	10,800							
				26,460	24,870	21,450	19,600	17,330	14,420	13,230	11,880							
131.2	64.0 68.9	115.2 126.0 124.0 131.2	26,460	25,640	22,970	19,800	18,080	15,960	13,250	12,570								
				26,460	25,070	21,630	19,780	17,480	14,550	13,230								
114.8	65.3 70.5	112.9 112.9	26,460	26,230	23,500	20,260	18,520	16,360	13,890									
				26,460	25,730	22,200	20,300	17,950	15,280									
98.4	63.6 68.9	96.5 96.5	26,460	25,570	22,910	19,730	18,030	16,310										
				26,460	25,110	21,670	19,820	17,950										

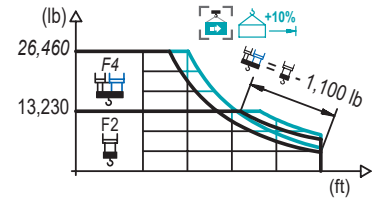
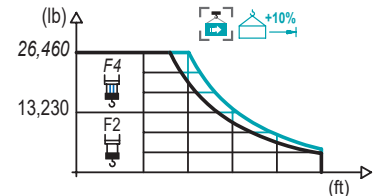


DIAGRAMA DE CARGAS

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

STM

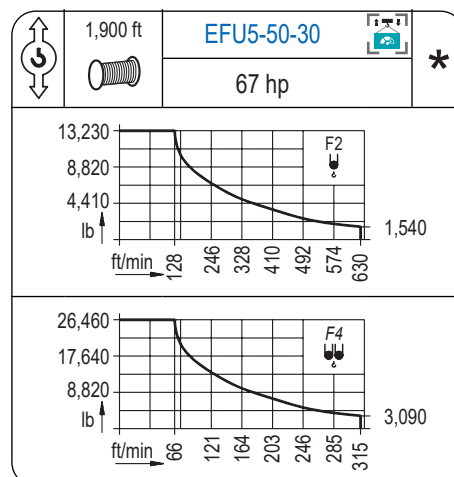
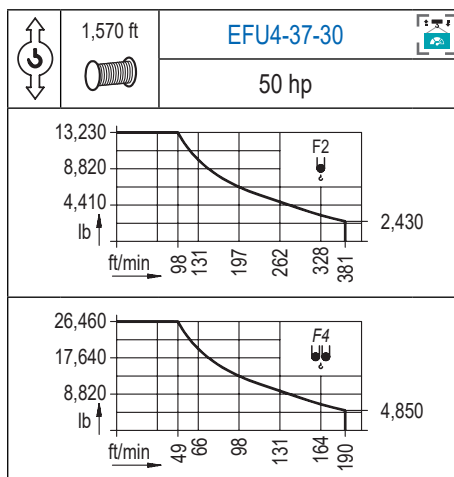
R	26,460 lb F4	13,230 lb F2	F4						F2						↔ (ft) ↓ (lb)			
			39.4	49.2	55.8	65.6	72.2	82.0	88.6	98.4	114.8	131.2	147.6	164.0	180.4	196.9	213.3	
213.3	46.9 50.2	86.0 92.2	26,460	25,040	21,720	18,060	16,180	13,980	12,790	11,310	9,410	8,020	6,940	6,080	5,380	4,780	4,300	
				26,460	23,430	19,490	17,500	15,120	13,840	12,260	10,230	8,730	7,560	6,640	5,890	5,250	4,720	
196.9	51.8 55.8	95.5 102.7	26,460	24,380	20,280	18,210	15,740	14,420	12,760	10,670	9,100	7,890	6,940	6,170	5,510			
				26,460	26,410	22,000	19,750	17,110	15,670	13,890	11,620	9,940	8,640	7,610	6,770	6,060		
180.4	57.4 62.0	106.3 114.8	26,460	22,840	20,500	17,770	16,270	14,440	12,080	10,340	8,990	7,940	7,050					
				26,460	24,850	22,330	19,360	17,750	15,740	13,230	11,330	9,880	8,710	7,760				
164.0	62.7 67.9	115.8 125.7	26,460	25,130	22,600	19,580	17,950	15,940	13,380	11,460	9,990	8,820						
				26,460	24,650	21,380	19,620	17,440	14,640	12,570	10,980	9,700						
147.6	64.6 69.9	119.4 129.6	26,460	25,990	23,370	20,260	18,580	16,490	13,840	11,880	10,360							
				26,460	25,530	22,160	20,330	18,080	15,190	13,050	11,400							
131.2	65.6 71.2	121.7	26,460	23,810	20,660	18,940	16,820	14,130	12,130									
				26,460	26,060	22,620	20,770	18,450	15,520	13,340								
114.8	67.3 73.2		26,460	24,490	21,250	19,490	17,330	14,550										
				26,460	23,300	21,380	19,030	16,010										
98.4	66.3 71.9		26,460	24,030	20,830	19,110	16,980											
				26,460	26,370	22,880	21,010	18,670										



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

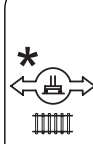


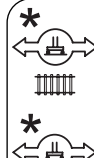
MECANISMOS

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
EFU4-37-30	CFU-7.5	(2x) GFU-7.5	(2x) TRA-7.5	480 V	55 kVA
EFU5-50-30				3 ph 60 Hz	68 kVA

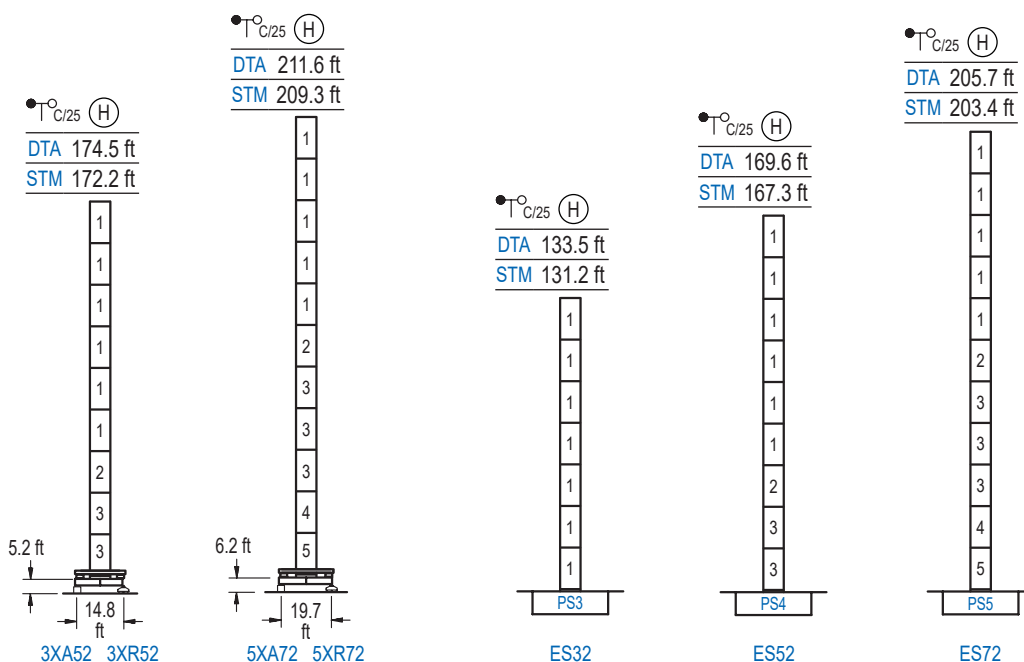
Opcional / Optional / En option / Kaufoption / Opzionale / Опционально
*

ALTURAS BAJO GANCHO

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

∅ 6.6 ft

1600 Series



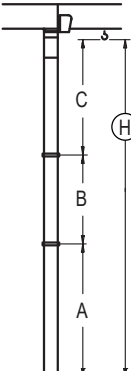
n°	Ref.	∅	h
1	S23	6.6	18.0
2	TS24	6.6	18.0
3	S24	6.6	18.0
4	TS25	6.6	18.0
5	S25	6.6	18.0

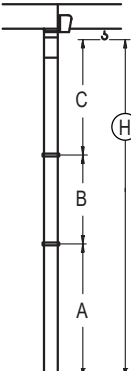
1x S23 = 1x S23M
1x S25 = 1x S25M

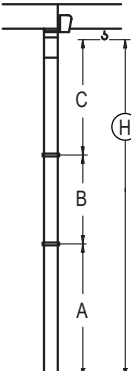
GRÚA ARRIOSTRADA

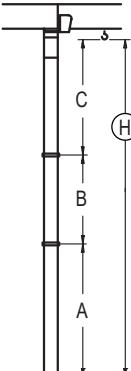
Braced crane / Grue à entretoisement / Abgespannter Kran / Gru ancorata / Нарастиваемый кран

∅ 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	97.1
	H max	246.7	318.9	283.8	337.9

	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	94.8
	H max	244.4	316.6	281.5	335.6

	DTA (H) 	ES32	ES52	ES72
	A max	90.6	126.6	162.7
	A min	54.5	54.5	90.6
	B max	-	72.2	72.2
	B min	-	54.1	54.1
	C max	115.2	115.2	115.2
	H max	205.7	277.9	332.0

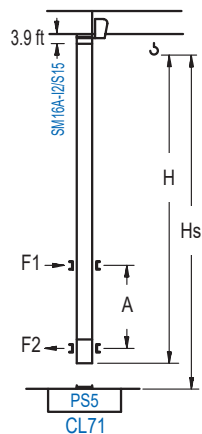
	STM (H) 	ES32	ES52	ES72
	A max	90.6	126.6	162.7
	A min	54.5	54.5	90.6
	B max	-	72.2	72.2
	B min	-	54.1	54.1
	C max	112.9	112.9	112.9
	H max	203.4	275.6	329.7

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

GRÚA TREPADORA

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

Ø 5.2 ft



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.			h (ft)
S15	5.2	18.0	
CLS15-08	5.2	10.2	
1x S15 = 1x S15M			

Otras zonas de viento, alturas superiores, arriostamientos 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

1600 Series