

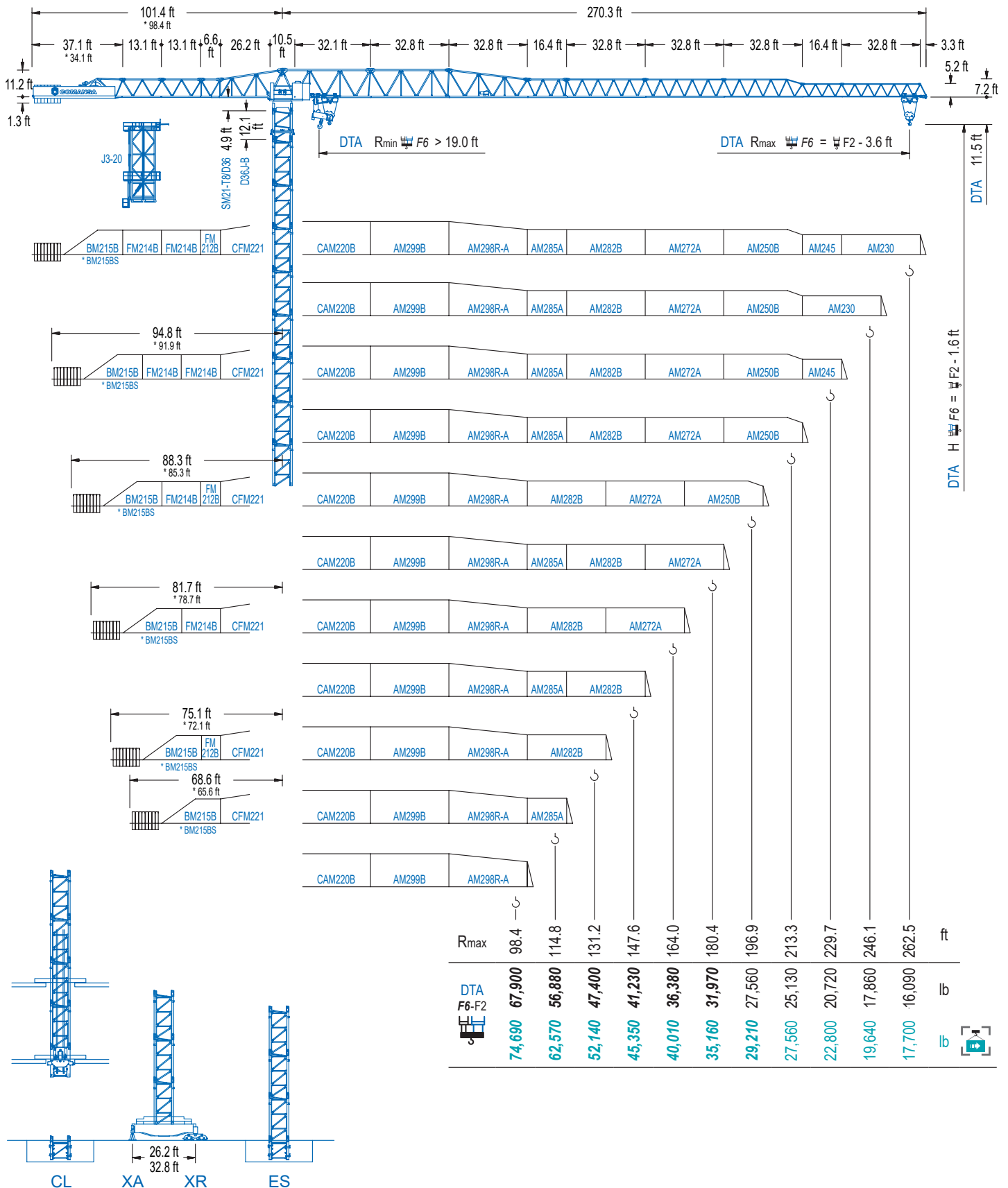


COMANSA

2100 Series

21LC750

82,670 lb



2100 Series

DTA Doble Carro Cambio Reenvíos Automático / Double Trolley Automatic Reeving Change / Double chariot avec changement de mouflage automatique / Doppel Katze mit automatischer Umschierung / Автоматическое переключение на сдвоенную каретку

CE EN 14439

DS.2221.06.IA

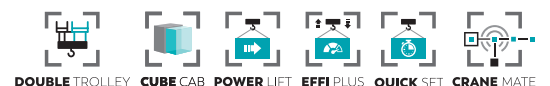


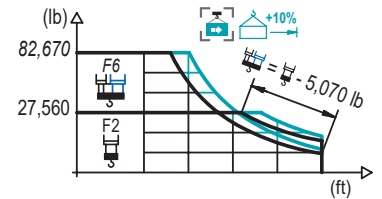
DIAGRAMA DE CARGAS / LOAD CHART

Diagramme de charges / Lastdiagramm / Диаграмма распределения нагрузки

EFU6-65-62; EFU5-110-62; EFU6-132-62

R	82,670 lb			27,560 lb			F6							F2							↔ (ft) ↕ (lb)	
				49.2	65.6	82.0	98.4	114.8	131.2	147.6	164.0	180.4	196.9	213.3	229.7	246.1	262.5					
262.5	56.8	138.5	163.7	82,670	69,690	53,240	42,570	35,100	29,590	27,560	27,540	24,740	22,400	20,460	18,780	17,350	16,090					
	61.4	150.3	177.8	82,670	76,430	58,530	46,960	38,820	32,800	28,200	27,560	27,090	24,560	22,440	20,640	19,070	17,700					
246.1	58.1	141.7	168.0	82,670	71,610	54,740	43,830	36,180	30,510	27,560	27,560	25,420	23,060	21,050	19,330	17,860						
	63.0	153.9	182.4	82,670	78,620	60,250	48,370	40,040	33,860	29,120	27,560	27,560	25,290	23,100	21,250	19,640						
229.7	61.7	150.6	178.5	82,670	76,590	58,690	47,070	38,910	32,890	28,260	27,560	27,200	24,670	22,530	20,720							
	66.6	163.7	193.9		82,670	64,620	51,960	43,080	36,530	31,480	27,560	27,560	27,090	24,780	22,800							
213.3	67.3	165.4	196.5		82,670	65,480	52,670	43,700	37,040	31,920	27,870	27,560	27,490	25,130								
	73.2	180.1	213.3		82,670	72,160	58,160	48,370	41,120	35,540	31,110	27,560	27,560	27,560								
196.9	75.8	187.7	196.9		82,670	75,510	60,940	50,730	43,170	37,350	32,740	28,970	27,560									
	81.4	193.2			82,670	81,990	66,270	55,250	47,110	40,830	35,850	31,810	29,210									
180.4	80.1	176.8			82,670	80,310	64,900	54,080	46,100	39,950	35,050	31,970										
	86.0	176.8			82,670	82,670	70,770	59,080	50,440	43,780	38,490	35,160										
164.0	80.4	160.4			82,670	80,820	65,300	54,430	46,380	40,210	36,380											
	86.6	160.4			82,670	82,670	71,340	59,570	50,860	44,160	40,010											
147.6	80.1	144.0			82,670	80,230	64,820	54,010	46,030	41,230												
	86.3	144.0			82,670	82,670	70,940	59,220	50,550	45,350												
131.2	79.4	127.6			82,670	79,650	64,350	53,620	47,400													
	86.0	127.6			82,670	82,670	70,570	58,910	52,140													
114.8	80.7	111.2			82,670	81,020	65,480	56,880														
	87.3	111.2			82,670	82,670	71,910	62,570														
98.4	79.7	94.8			82,670	80,120	67,900															
	86.6	94.8			82,670	82,670	74,690															

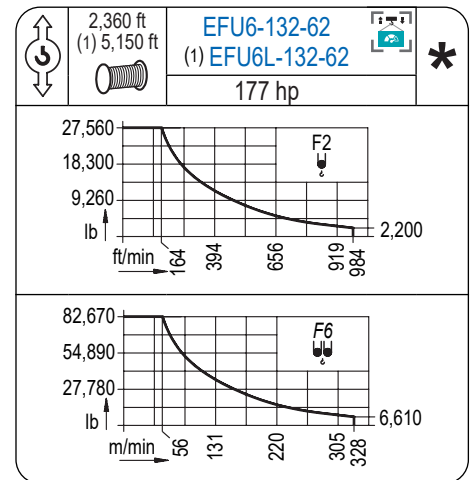
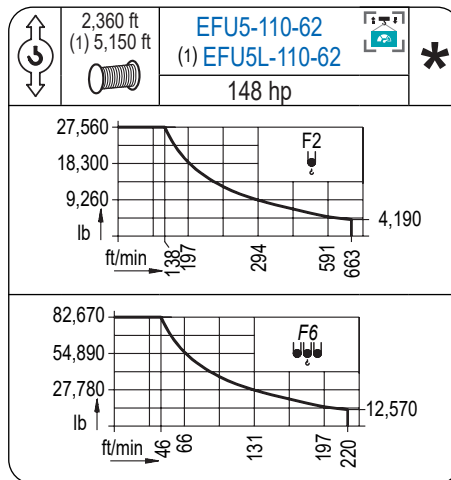
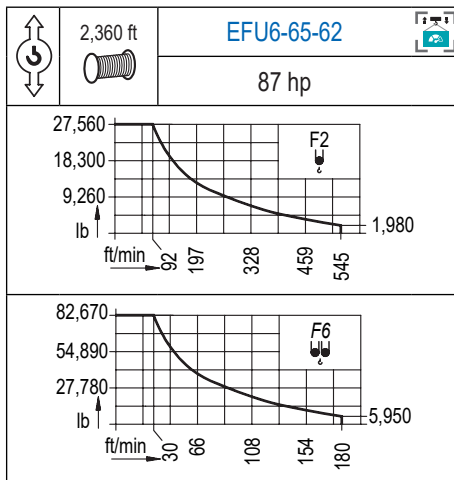
The graph plots weight in pounds (lb) on the y-axis against distance in feet (ft) on the x-axis. Two data series are shown: F6 (top curve) and F2 (bottom curve). F6 starts at 82,670 lb and F2 starts at 27,560 lb. Both curves show a decreasing trend as distance increases. A note indicates a 10% increase in weight for F6 and a 5,070 lb decrease for F2.



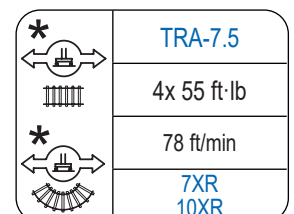
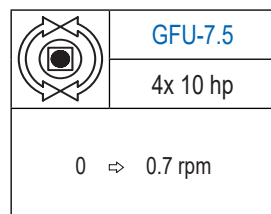
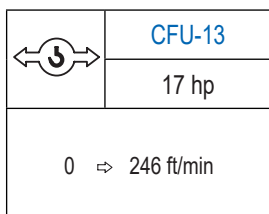
Datos válidos hasta 328 ft de ABG. Para alturas mayores consultar / Valid data up to 328 ft HUH. Additional heights on request / Données valables jusqu'à 328 ft HSC. Pour des autres hauteurs, merci de nous consulter / Gültige Daten bis zu 328 ft HH. Bei höheren Hakenhöhen nachfragen / Допустимые данные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

MECANISMOS / MECHANISMS

Mécanismes / Antriebe / Механизмы



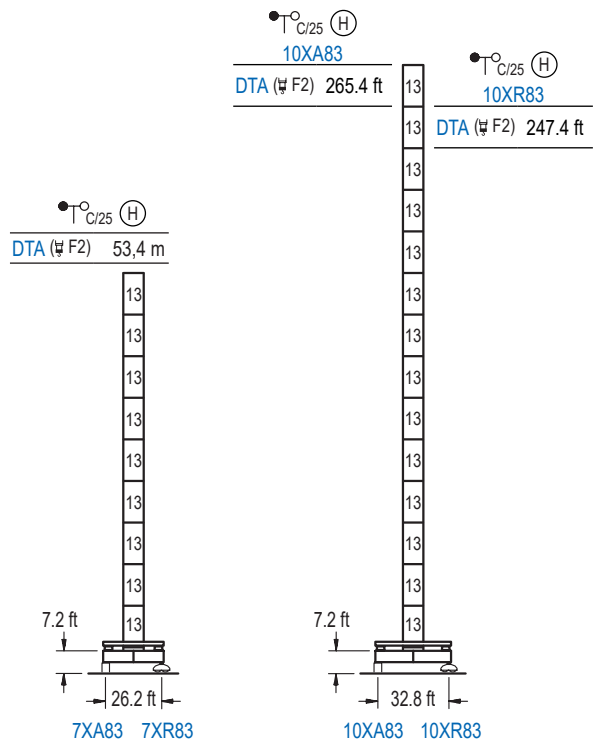
(1) Para mecanismos de alta capacidad de cable consultar cargas / For mechanisms with high drum capacity, request loads / Pour des mécanismes avec une grande capacité de câble il faut consulter / Für Hubmechanismen mit hoher Kabelkapazität, Lastdiagramm anfragen / Проконсультируйтесь о нагрузках при механизмах с большой вместимостью кабеля



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
EFU6-65-62	CFU-13	(4x) GFU-7.5	(4x) TRA-7.5	480 V 3 ph 60 Hz	99 kVA
EFU5-110-62					144 kVA
EFU5L-110-62					144 kVA
EFU6-132-62					166 kVA
EFU6L-132-62					166 kVA

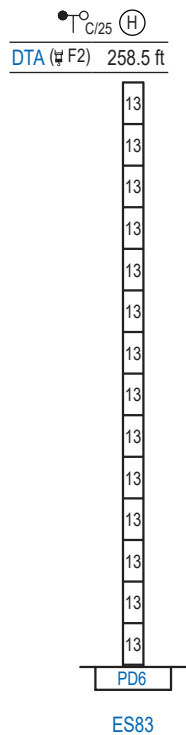
Optional / Optional / En option / Kaufoption / Opzionale / Опционально

*



DTA H $\frac{W}{F6} = \frac{W}{F2} - 1.6 \text{ ft}$

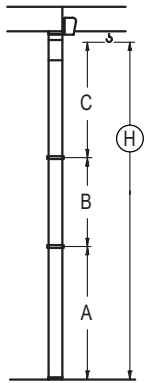
			G (kip)	Z max (kip)
	(ES)	7XA83	282	388
		7XR83		
	10XA83	220	414	
	10XR83	220	399	
	(FS)	7XA83	282	294
		7XR83		
10XA83		220	444	
10XR83		220	382	
(ES) En servicio / In operation / En service / In Betrieb / При работе (FS) Fuera de servicio / Out of service / Hors service / Ausser Betrieb / В стационарном состоянии				



			R1 (kip)	R2 (kip)
	ES	ES84	-876	590
	FS	ES84	-1,410	1,134
ES En servicio / In operation / En service / In Betrieb / При работе FS Fuera de servicio / Out of service / Hors service / Ausser Betrieb / В стационарном состоянии				

nº	Ref.	h (ft)	h (ft)
13	D36B	8.2	18.0

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 / При других ветренных зонах о при большой высоте проконсультируйтесь с нами



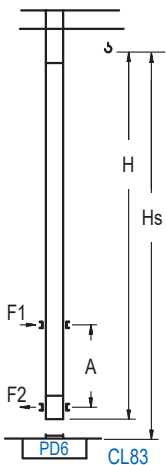
DTA (F2) (H) C/25	7XA83	10XA83
A max A min	133.5 133.5	223.8 133.5
B max B min	- 162.4 108.3	- 162.4 108.3
C max	204.1	204.1
H max	337.6	500.0

DTA (F2) (H) C/25	ES83
A max A min	216.9 126.6
B max B min	- 162.4 108.3
C max	204.1
H max	420.9

GRÚA TREPADORA / INTERNAL CLIMBING CRANE

Grue avec cage de télescope intérieure / Kran mit klettern im Gebäude / Кран с самоподъемом

Ø 8.2 ft



DTA (F2) (H) C/25	Hs < 1,310 ft	
	A max (ft)	A min (ft)
198.5 ft 6x D36B + 4x D36A + CLD36A-28	71.9	29.5
180.4 ft 5x D36B + 4x D36A + CLD36A-28	62.7	23.0
162.4 ft 4x D36B + 4x D36A + CLD36A-28	53.8	23.0

DTA H F6 = F2 - 1.6 ft

Ref.	Ø	h
D36B	8.2	18.0
D36A	8.2	18.0
CLD36A-28	8.2	12.5

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 télescope intérieure, sur demande / Andere Windzonen, weitere Hakenhöhen, Abspannungen zum Gebäude oder Klettern im Gebäude auf Anfrage / При других ветреных зонах, при большой высоте, привязках к зданию или наращивании крана внутри здания проконсультируйтесь с нами