

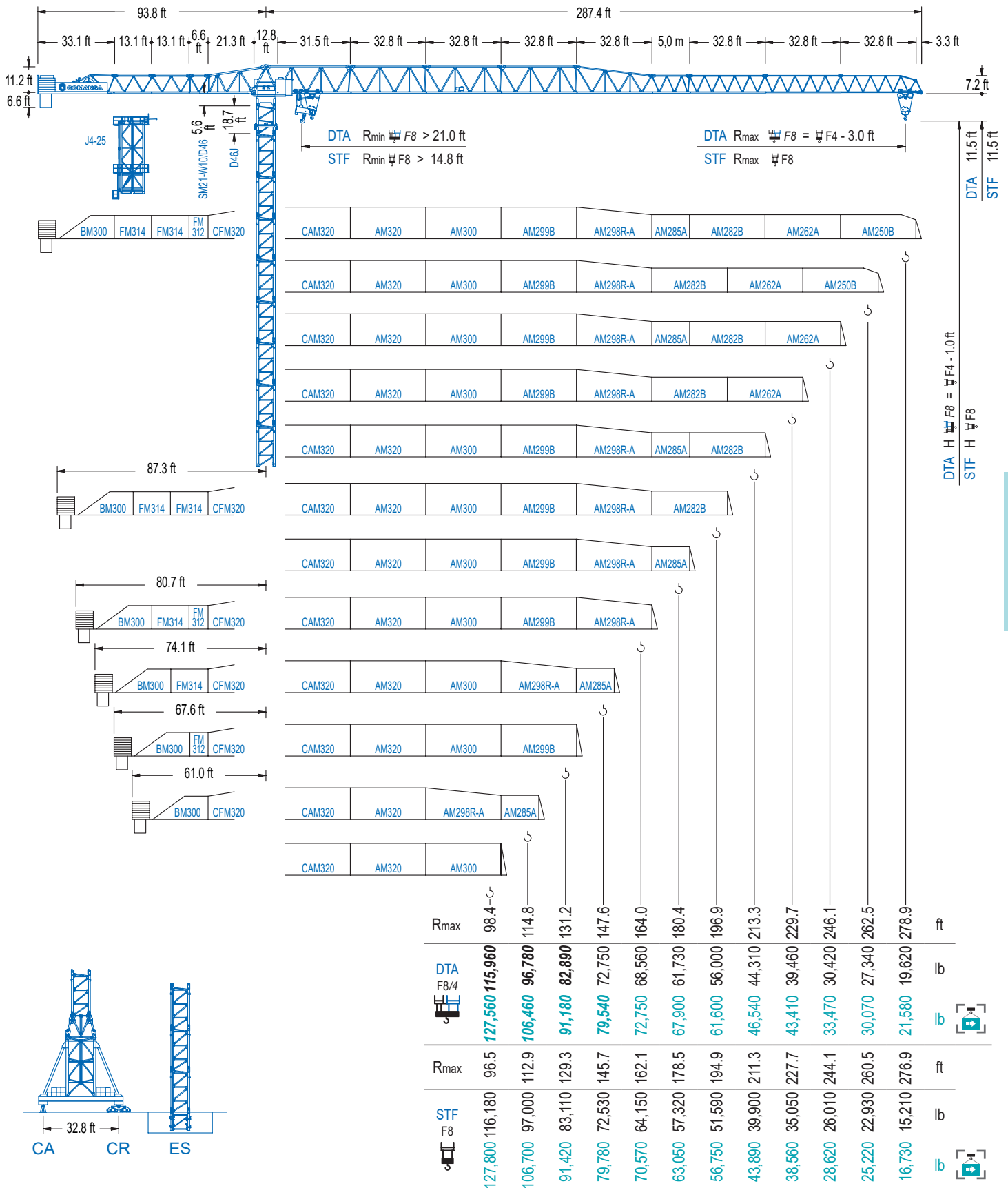


COMANSA

2100 Series

21LC1400

145,500 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 Umscheerung / Автоматическое переключение на сдвоенную каретку

STF Simple Carro Reenvío Fijo / Simple Trolley Fixed Reeving / Simple chariot sans changement de mouflage / Einfach Katze ohne Umscheerung / Одинарная каретка, без смены

CE EN 14439

DS.2544.01.IA

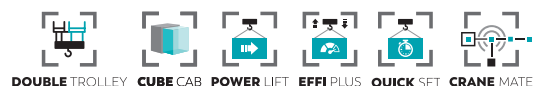


DIAGRAMA DE CARGAS / LOAD CHART

Diagramme de charges / Lastdiagramm / Диаграмма распределения нагрузки

DTA

EFU5-110-82; EFU6-132-82

R	145,500 lb	72,750 lb	F8			F4												↔ (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	278.9	
278.9	49.9 53.1	87.6 91.9 93.8 98.8	145,500 145,500	103,570 112,500	78,810 85,800	67,260 72,750	56,370 61,310	48,350 52,620	42,200 45,970	37,300 40,700	33,360 36,420	30,070 32,890	27,340 29,920	24,980 27,380	22,950 25,180	21,190 23,260	19,620 21,580	
262.5	59.7 64.0	106.0 112.2 114.5 121.4	145,500 145,500	129,610 141,290	99,210 108,360	79,630 87,150	70,920 72,750	60,980 66,600	53,350 58,310	47,310 51,760	42,420 46,450	38,360 42,040	34,940 38,340	32,030 35,190	29,520 32,450	27,340 30,070		
246.1	60.7 65.3	108.3 115.2 117.1 124.3	145,500 145,500	132,850 145,020	101,740 111,270	81,720 89,550	72,750 74,410	62,700 68,540	54,870 60,050	48,680 53,310	43,650 47,840	39,480 43,320	35,980 39,510	33,000 36,270	30,420 33,470			
229.7	69.9 75.5	125.3 133.5 135.5 145.0	145,500 145,500	120,280 131,790	96,960 106,420	80,690 88,710	72,750 75,660	65,100 71,340	57,830 63,430	51,940 57,010	47,070 51,700	42,970 47,220	39,460 43,410					
213.3	71.5 74.5	128.3 137.1 133.5 143.4	145,500 145,500	123,610 129,630	99,690 104,630	83,030 87,210	72,750 74,360	67,060 70,330	59,610 62,520	53,550 56,200	48,520 50,950	44,310 46,540						
196.9	80.4 86.9	144.7 155.5 157.2 169.3	145,500 145,500	141,780 126,040	114,620 105,360	95,680 90,120	81,720 78,440	72,750 72,750	68,630 67,840	61,710 61,600	56,000 61,600							
180.4	80.1 86.9	144.4 155.8 157.2 169.6	145,500 145,500	141,400 125,790	114,330 105,160	95,440 89,970	81,500 78,290	72,750 72,750	68,630 67,900	61,730 67,900								
164.0	79.7 86.0	143.7 155.5 155.5 164.0	145,500 145,500	140,810 124,490	113,820 104,060	95,020 89,000	81,130 77,450	72,750 72,750	68,560 72,750									
147.6	79.7 86.3	144.0 147.6 144.7	145,500 145,500	140,870 124,740	113,870 104,260	95,040 89,180	81,170 79,540	72,750 79,540										
131.2	79.4 86.0	128.3 128.3	145,500 145,500	139,930 124,070	113,100 103,700	94,400 91,180	82,890 91,180											
114.8	78.7 85.3	111.9 111.9	145,500 145,500	139,020 123,440	112,350 106,460	96,780 106,460												
98.4	78.4 85.3	95.5 95.5	145,500 145,500	138,290 127,560	115,960 127,560													

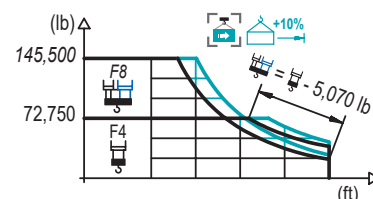


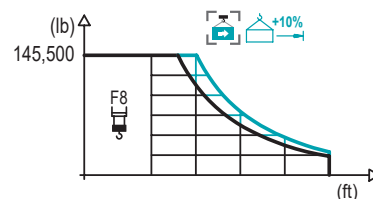
DIAGRAMA DE CARGAS / LOAD CHART

Diagramme de charges / Lastdiagramm / Диаграмма распределения нагрузки

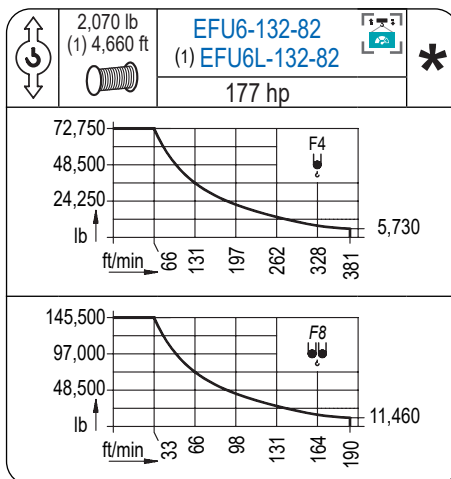
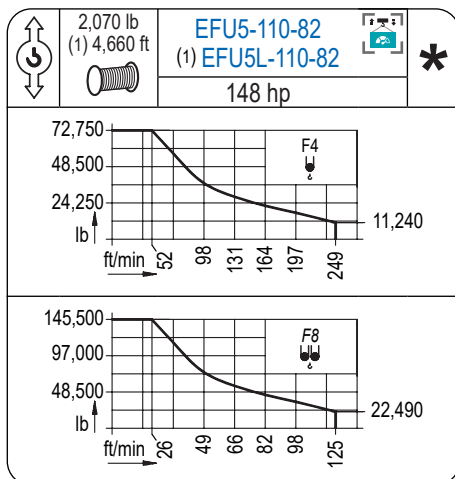
STF

EFU5-110-82; EFU6-132-82

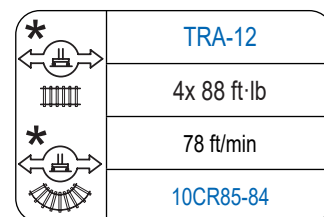
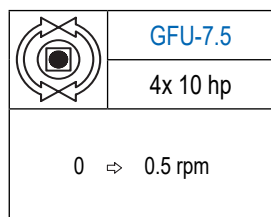
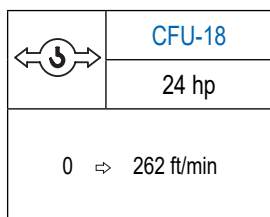
R	145,500 lb	F8															↔ (ft) ↓ (lb)
		49.2	65.6	82.0	96.5	112.9	129.3	145.7	162.1	178.5	194.9	211.3	227.7	244.1	260.5	276.9	
276.9	49.5 52.2	145,500 145,500	103,130 110,080	78,700 84,150	64,570 69,140	53,170 57,030	44,800 48,150	38,430 41,380	33,380 36,020	29,300 31,700	25,930 28,110	23,100 25,110	20,680 22,550	18,610 20,350	16,800 18,430	15,210 16,730	
260.5	59.4 63.3	145,500 145,500	129,410 139,260	99,300 106,990	81,860 88,340	67,790 73,260	57,470 62,210	49,600 53,790	43,390 47,130	38,340 41,730	34,190 37,280	30,690 33,530	27,730 30,360	25,150 27,600	22,930 25,220		
244.1	60.7 64.6	145,500 145,500	132,850 143,300	101,980 110,160	84,110 90,980	69,710 75,510	59,130 64,180	51,060 55,490	44,690 48,660	39,530 43,120	35,270 38,540	31,680 34,700	28,640 31,440	26,010 28,620			
227.7	69.9 74.8	145,500 145,500	120,750 131,000	99,870 108,490	83,030 90,320	70,680 77,010	61,240 66,820	53,790 58,770	47,770 52,270	42,790 46,910	38,620 42,390	35,050 38,560					
211.3	71.5 77.1	145,500 145,500	124,230 135,050	102,800 111,880	85,520 93,190	72,840 79,500	63,140 69,000	55,490 60,760	49,320 54,060	44,200 48,550	39,900 43,890						
194.9	80.7 86.9	145,500 145,500	142,660 129,080	118,280 107,740	98,590 92,090	84,170 80,140	73,150 70,700	64,440 63,050	57,410 56,750	51,590 56,750							
178.5	80.7 86.9	145,500 145,500	142,480 129,080	118,120 107,720	98,460 92,090	84,060 80,120	73,040 70,680	64,350 63,050	57,320 56,750								
162.1	80.4 86.9	145,500 145,500	142,060 128,860	117,770 107,560	98,170 91,930	83,800 79,980	72,820 70,570	64,150 60,570									
145.7	80.1 86.6	145,500 145,500	141,540 128,550	117,330 107,280	97,800 91,690	83,470 79,780	72,530 79,780										
129.3	79.7 86.3	145,500 145,500	140,940 128,180	116,840 106,970	97,380 91,420	83,110 79,420											
112.9	79.4 86.3	145,500 145,500	140,410 127,870	116,400 106,700	97,000 90,700												
96.4	79.4 86.3	145,500 145,500	140,170 127,800	116,180 127,800													



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 100 м ВПК. Для более высоких высот консультируйтесь



(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 большей вместимостью кабеля

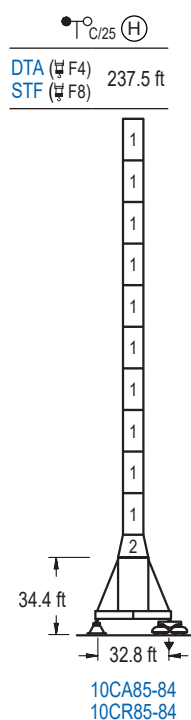


Elevación / Hoist / Levage / Hub / Тип механизма (подъем)	Carro / Trolley / Chariot / Laufkatze / Грузовая тележка	Giro / Slewing / Rotation / Drehbewegung / Поворот	Traslación / Travel / Translation / Verfahrbewegung / Ход	Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Напряжение источника питания	Potencia requerida / Required power / Puissance requise / Benötigte Leistung / требуемая мощность
EFU5-110-62	CFU-18	(4x) GFU-7.5	(4x) TRA-12	480 V 3 ph 60 Hz	148 kVA
EFU5L-110-82					148 kVA
EFU6-132-82					170 kVA
EFU6L-132-82					170 kVA

Optional / Optional / En option / Kaufoption / Опционально
*

ALTURAS BAJO GANCHO / HEIGHTS UNDER HOOK
Hauteurs sous crochet / Hakenhöhen / Высота под крюком

Ø 10.2 ft



DTA	H	F8 = F4 - 1.0 ft
STF	H	F8

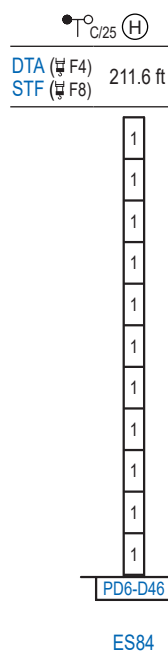
n°	Ref.	Ø	h
1	D46	10.2	18.0
2	TD56D46	13.1	9.8

		G (kip)	Z max (kip)
	(ES)	10CA85-84 10CR85-84	264 587
	(FS)	10CA85-84 10CR85-84	264 556

(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

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	H	$\frac{F8}{F4} = \frac{F4}{F4} - 1.0$ ft
STF	H	$\frac{F8}{F8}$

n°	Ref.	Ø	h
1	D46	10.2	18.0

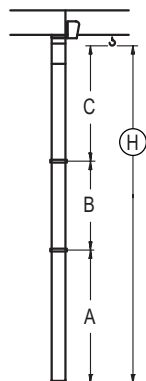
			R1 (kip)	R2 (kip)
	ES	ES84	-1,048	634
	FS	ES84	-965	625

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

GRÚA ARRIOSTRADA / BRACED CRANE

Grue à entretoisement / Abgespannter Kran / Нарастиваемый кран

Ø 10.2 ft



DTA (≡ F4) STF (≡ F8)		10CA85-84	
A max		188.6	
A min		152.6	
B max			126.3
B min		-	126.3
C max		175.2	175.2
H max		363.8	490.2

DTA (F4) STF (F8)		ES84
A max A min	162.7 144.7	
B max B min	- -	126.3 126.3
C max	175.2	175.2
H max	337.9	464.2

Otras zonas de viento, alturas superiores o arriostramientos consultar / Other wind zones, additional hook heights or tie frames on request / Autres zones de vent, des hauteurs supplémentaires ou entretoisements, sur demande / Andere Windzonen, weitere Hakenhöhen oder Abspannungen zum Gebäude auf Anfrage / При других ветренных зонах, при большой высоте или привязках к зданию проконсультируйтесь с нами