

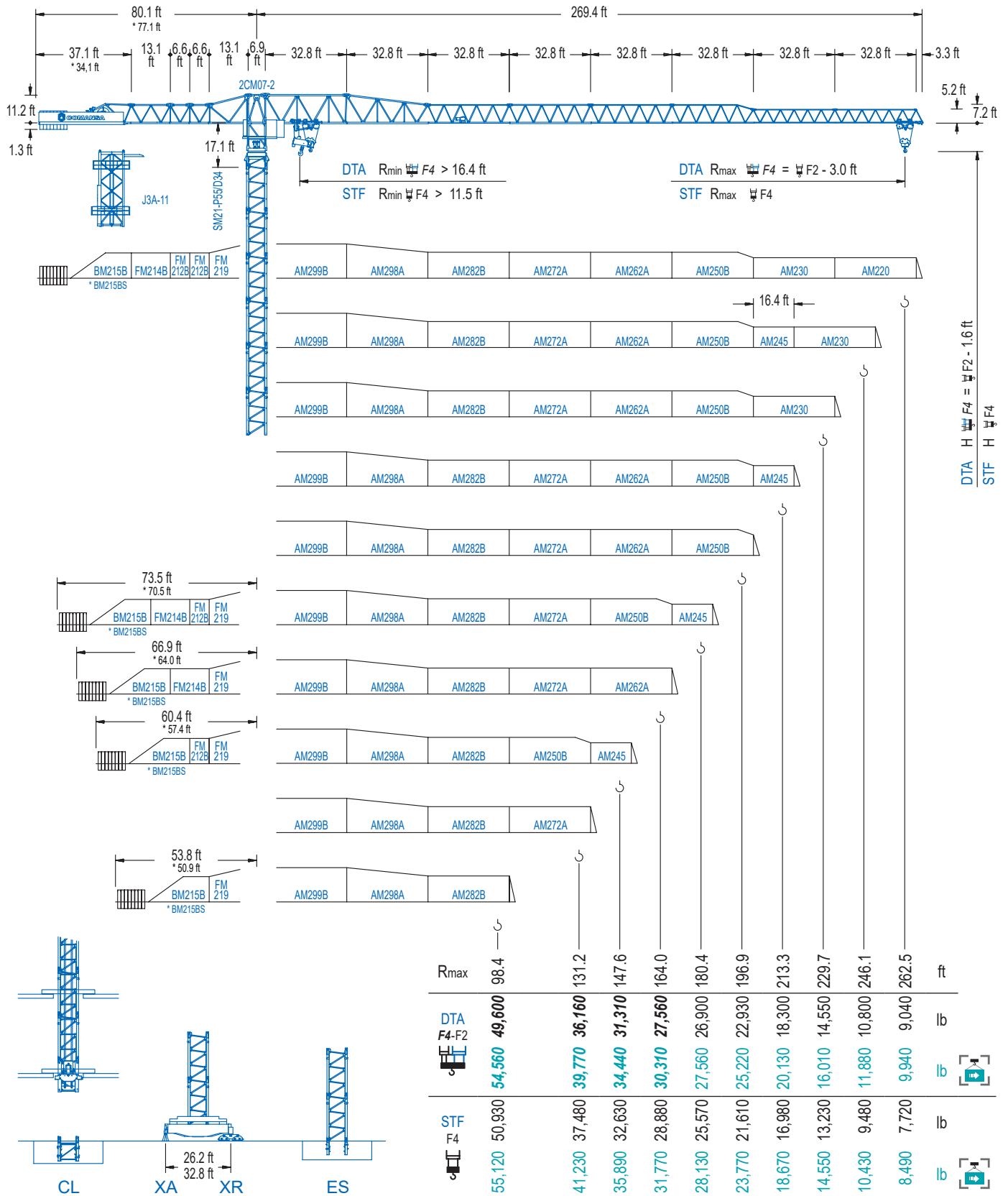


COMANSA

2100 Series

21LC650

55,120 lb



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

STF Simple Carro sin SR/DR. / Simple Trolley without SR/DR. / Simple Chariot sans SM/DM. / Einfach Katze ohne Umscheerung. / Carrello singolo senza SR/DR. / Одинарная каретка, без смены.

CE EN 14439

DIAGRAMA DE CARGAS

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

DTA

R	55,120 lb F4	27,560 lb F2	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	↔ (ft) ↓ (lb)
262.5	50.5 54.5	90.9 97.8	100.1 107.9	55,120 44,380	40,650 34,080	31,150 27,560	23,610 25,730	20,330 22,180	17,790 19,420	15,780 17,240	14,130 15,450	12,760 13,980	11,620 12,740	10,630 11,660	9,790 10,760	9,040 9,940	
246.1	54.8 59.1	98.1 106.3	108.3 117.1	55,120 48,700	44,530 37,520	34,220 30,200	25,840 27,560	22,270 24,320	19,510 21,340	17,330 18,960	15,540 17,020	14,040 15,410	12,790 14,040	11,730 12,870	10,800 11,880		
229.7	65.3 70.5	117.5 127.6	129.9 141.1	55,120	54,630 46,340	42,200 37,500	34,080 31,260	28,330 27,560	23,940 26,230	21,300 23,350	19,140 21,010	17,350 19,050	15,850 17,420	14,550 16,010			
213.3	73.5 81.4	133.2 147.3	147.3 163.4	55,120	48,630 54,500	39,370 44,250	32,870 36,990	28,020 31,640	27,510 27,560	24,520 27,430	22,050 24,690	20,020 22,440	18,300 20,520				
196.9	82.7 89.9	149.9 163.4	166.7 181.4	55,120	45,170 49,780	37,790 41,710	32,320 35,740	28,090 31,130	27,560 27,560	25,240 25,220	22,930						
180.4	87.3 94.5	158.8 171.6	176.5 180.4	55,120	48,150 52,560	40,340 44,090	34,520 37,810	30,050 32,960	27,560 29,080	26,900							
164.0	88.6 96.1	161.1 161.1		55,120	49,010 53,590	41,070 44,970	35,190 38,580	30,620 33,640	27,560 30,310								
147.6	88.6 96.1	144.7 144.7		55,120	48,990 53,660	41,050 45,020	35,160 38,620	31,310									
131.2	88.9 96.5	128.3 128.3		55,120	49,120 53,880	41,180 45,240	36,160										
98.4	87.3 94.8	95.5		55,120	49,600 54,560												

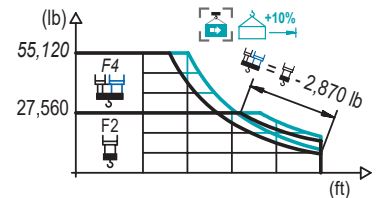
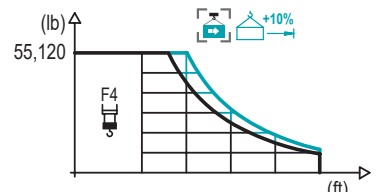


DIAGRAMA DE CARGAS

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

STF

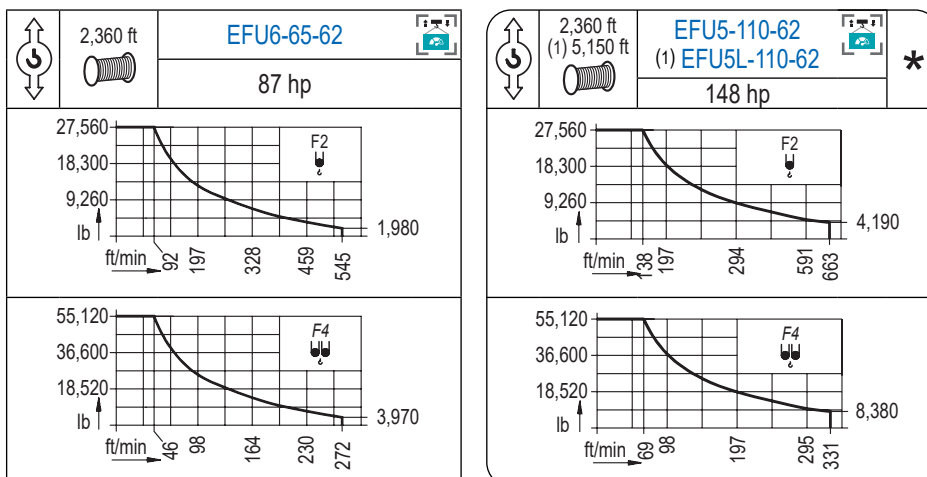
R	55,120 lb F4	49.2	65.6	82.0	98.4	114.8	131.2	147.6	164.0	180.4	196.9	213.3	229.7	246.1	262.5	↔ (ft) ↓ (lb)
262.5	51.8 55.4	55,120 45,480	42,260 35,320	32,780 28,660	26,570 23,990	22,180 20,480	18,920 17,790	16,400 15,650	14,400 13,910	12,760 12,460	11,420 11,220	10,270 10,190	9,300 9,280	8,470 8,280	7,720 8,490	
246.1	56.1 60.0	55,120 49,980	46,270 38,870	35,930 31,610	29,190 26,480	24,430 22,660	20,880 19,730	18,120 17,390	15,960 15,480	14,180 13,890	12,700 12,570	11,460 11,420	10,410 10,430	9,480		
229.7	67.3 72.2	55,120	44,090 47,880	35,910 39,070	30,160 32,850	25,880 28,220	22,580 24,650	19,930 21,800	17,790 19,490	16,010 17,570	14,510 15,940	13,230 14,550				
213.3	76.1 82.0	55,120	50,660 55,120	41,360 45,110	34,790 38,010	29,920 32,720	26,150 28,620	23,150 25,370	20,720 22,730	18,700 20,520	16,980 18,670					
196.9	85.6 92.8	55,120	47,310 51,700	39,860 43,630	34,350 37,610	30,070 32,960	26,680 29,280	23,900 26,260	21,610 23,770							
180.4	90.9 98.4	55,120	50,420 55,120	42,530 46,580	36,660 40,190	32,120 35,250	28,510 31,330	25,570 28,130								
164.0	91.9 99.7	55,120	51,040 55,120	43,060 47,220	37,130 40,740	32,540 35,740	28,880 31,770									
147.6	91.9 100.1	55,120	51,190 55,120	43,190 47,400	37,240 40,920	32,630 35,890										
131.2	92.5 100.7	55,120	51,520 55,120	43,470 47,770	37,480											
98.4	91.5 98.4	55,120	50,930 55,120													



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



(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. / Gru con tamburo ad alta capacità di avvolgimento fune, consultare il diagramma di carico. / Проконсультируйтесь о нагрузках при механизмах с большей вместимостью кабеля.

	CFU-7.5
	10 hp
0 ⇨ 262 ft/min	

	GFU-7.5
	4x 10 hp
0 → 0.7 rpm	

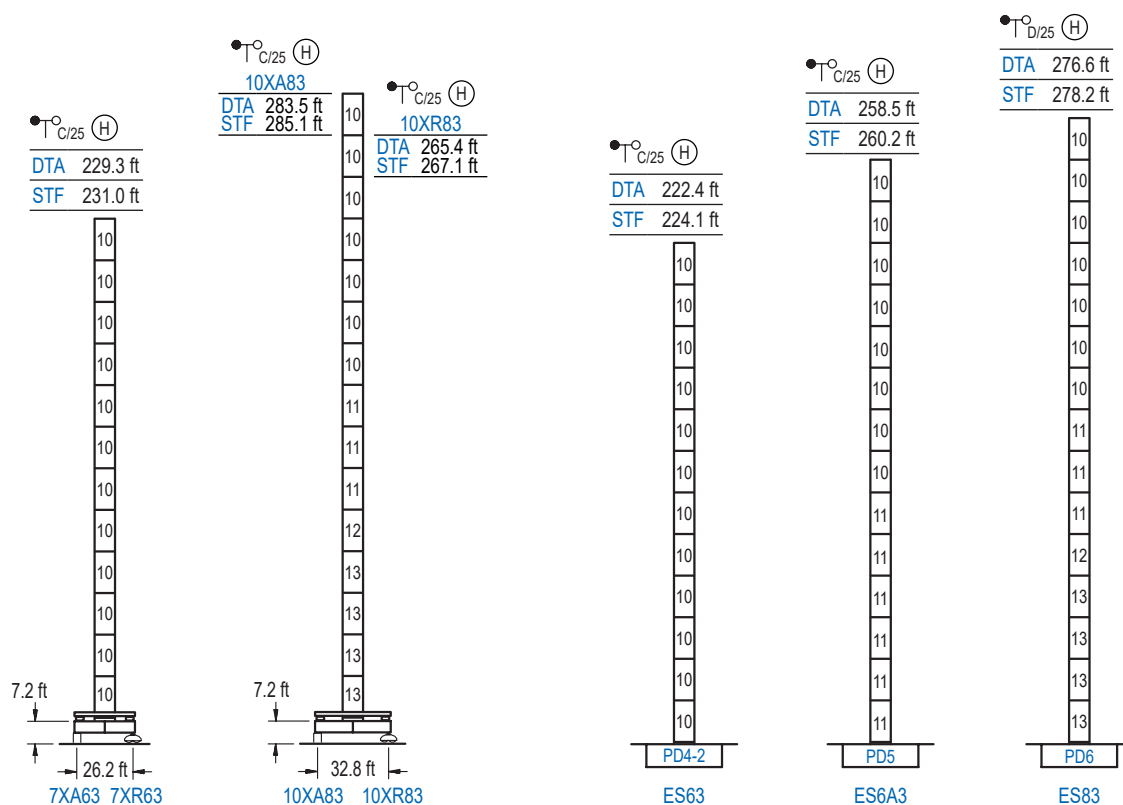
	TRA-7.5
	4x 55 ft·lb
	78 ft/min
	7XR63 10XR83

Elevación / Hoist / Leverage / Hub / Sollevamento / Тип механизма (подъём)	Carro / Trolley / Chariot / Laufkatze / Carrello / 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
EFU65-65-62	CFU-7.5	(4x) GFU-7.5	(4x) TRA-7.5	480 V	95 kVA
EFU5-110-62				3 ph	140 kVA
EFU5L-110-62				60 Hz	140 kVA

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

ALTURAS BAJO GANCHO

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

 $\varnothing 8.2 \text{ ft}$ 

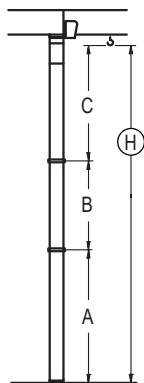
	n°	Ref.	∇	h
	10	D34	8.2	18.0
	11	D35	8.2	18.0
	12	TD36B	8.2	18.0
	13	D36B	8.2	18.0

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 / Per zone con velocità del vento particolari o altezze superiori consultare il fabbricante / При других ветренных зонах о при-
большой высоте проконсультируйтесь с нами

GRÚA ARRIOSTRADA

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

Ø 8.2 ft



DTA (H) 	7XA63	10XA83
A max	188.0	241.8
A min	97.4	169.6
B max	-	126.3
B min	-	72.2
C max	168.0	168.0
H max	355.6	409.8

DTA (H) 	ES63	ES6A3	ES83
A max	180.8	216.9	234.9
A min	90.6	144.7	162.7
B max	-	126.3	126.3
B min	-	72.2	72.2
C max	168.0	168.0	168.0
H max	348.8	475.1	529.2

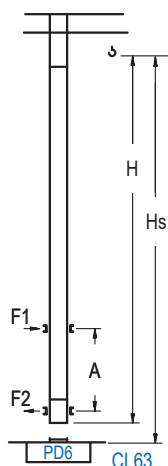
STF (H) 	7XA63	10XA83
A max	188.0	241.8
A min	97.4	169.6
B max	-	126.3
B min	-	72.2
C max	169.6	169.6
H max	357.3	411.4

STF (H) 	ES63	ES6A3	ES83
A max	180.8	216.9	234.9
A min	90.6	144.7	162.7
B max	-	126.3	126.3
B min	-	72.2	72.2
C max	169.6	169.6	169.6
H max	350.4	476.7	530.8

GRÚA TREPADORA

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

Ø 8.2 ft



DTA (H) 	Hs < 1,310 ft	
	A max (ft)	A min (ft)
198.5 ft 6x D34 + 4x D34A + CLD34A-24	71.9	32.8
180.4 ft 5x D34 + 4x D34A + CLD34A-24	62.7	26.2
162.4 ft 4x D34 + 4x D34A + CLD34A-24	53.8	26.2

STF (H) 	Hs < 1,310 ft	
	A max (ft)	A min (ft)
200.1 ft 6x D34 + 4x D34A + CLD34A-24	71.9	32.8
182.1 ft 5x D34 + 4x D34A + CLD34A-24	62.7	26.2
164.0 ft 4x D34 + 4x D34A + CLD34A-24	53.8	26.2

Ref.	Ø	h
D34	8.2	18.0
D34A	8.2	18.0
CLD34A-24	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 / 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