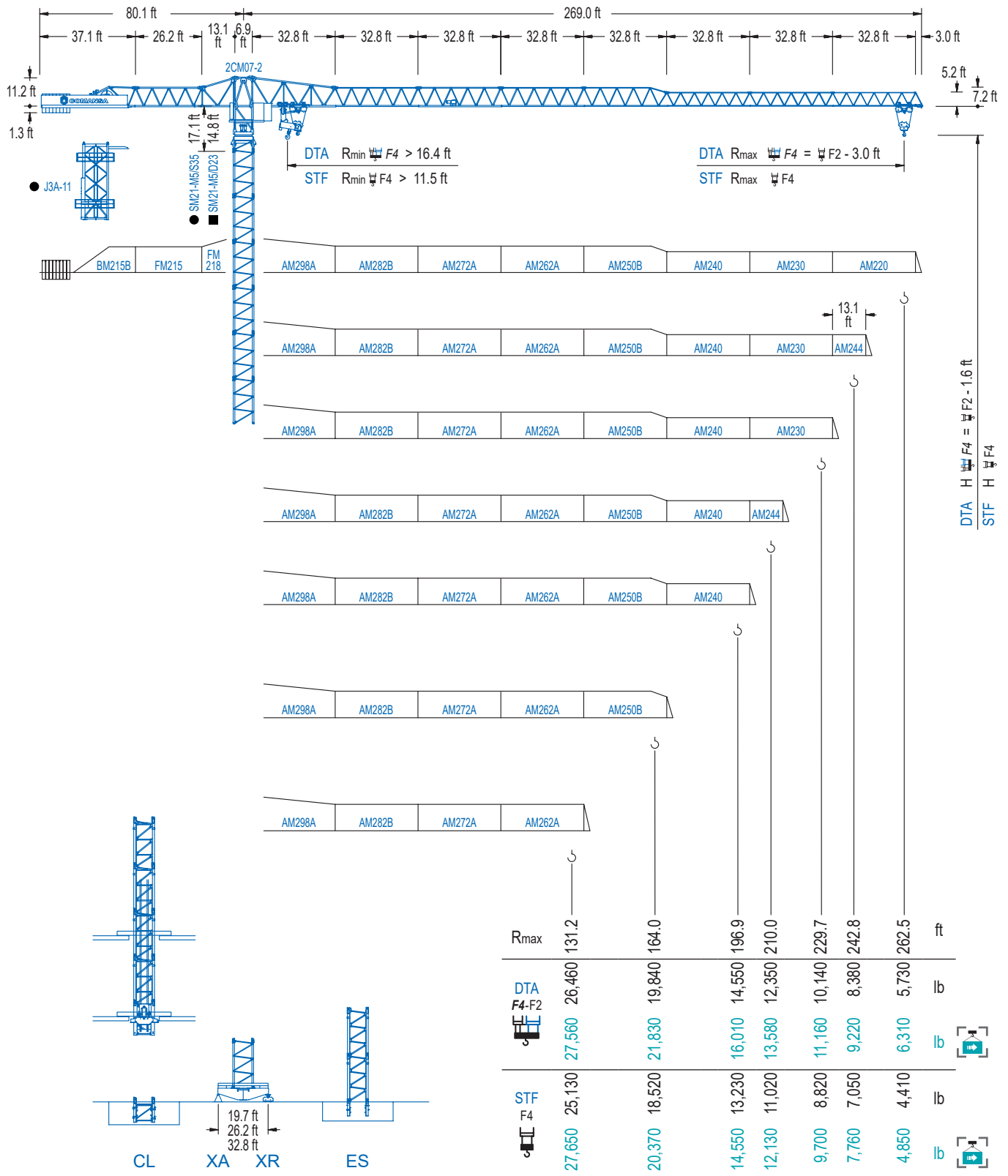


**COMANSA****2100 Series****21LC450****55,120 lb****2100 Series**

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	27,560 lb	F4	32.8	49.2	65.6	82.0	98.4	114.8	131.2	147.6	164.0	180.4	196.9	210.0	229.7	242.8	262.5	↔ (ft) ↕ (lb)
262.5	36.4 39.0	64.6 70.9 69.2 76.1	55,120 38,450 55,120 41,670	27,560 23,410 29,390 25,290	19,030 15,940 20,590 17,260	13,620 11,860 14,790 12,900	10,450 9,300 11,380 10,140	8,330 7,690 9,100 8,400	6,860 6,370 7,500 6,990	5,730 5,310 6,310 5,830									
242.8	44.3 47.6	79.1 87.3 85.3 94.2	55,120 48,790 55,120 53,130	34,630 27,560 37,830 28,900	24,100 20,260 26,210 22,050	17,390 15,210 18,980 16,580	13,450 12,020 14,700 13,160	10,820 10,010 11,860 10,980	8,970 8,380 9,850 9,220										
229.7	48.6 52.5	87.3 96.1 94.2 104.0	55,120 54,430 55,120 42,420	38,780 29,670 32,540 27,560	26,850 22,620 24,670 21,250	19,470 17,020 18,610 16,510	15,080 13,510 14,790 13,380	12,190 11,290 12,410 11,160											
210.0	52.2 56.4	93.5 103.7 101.4 112.2	55,120 42,150 55,120 46,210	32,340 27,560 35,540 28,570	24,560 21,160 26,850 23,150	18,540 16,450 20,300 18,030	14,730 13,320 16,180 14,640	12,350											
196.9	56.1 60.7	100.7 111.5 108.9 121.1	55,120 45,900 55,120 50,350	35,300 28,350 38,820 31,280	26,720 23,040 27,560 25,220	20,190 17,920 22,130 19,670	16,070 14,550 17,680 16,010												
164.0	61.0 66.3	109.9 122.0 119.4 132.9	55,120 50,570 55,120 42,990	39,000 31,440 44,990 34,720	27,560 25,440 28,880 27,560	22,310 19,840 24,540 21,830													
131.2	62.7 67.6	113.2 126.6 122.4 131.2	55,120 52,360 55,120 44,160	40,410 32,580 44,160 35,690	27,560 26,460 29,720 27,560														

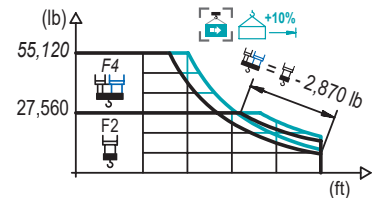
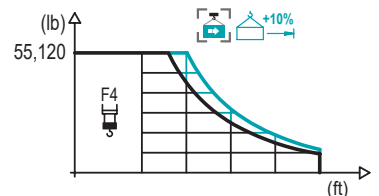


DIAGRAMA DE CARGAS

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

STF

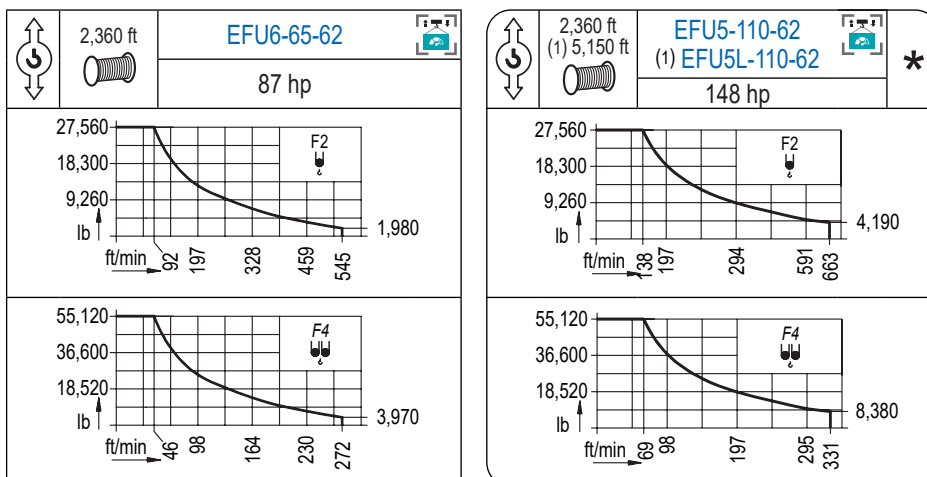
R	55,120 lb	32.8	49.2	65.6	82.0	98.4	114.8	131.2	147.6	164.0	180.4	196.9	210.0	229.7	242.8	262.5	↔ (ft) ↕ (lb)
262.5	37.4 39.0	55,120 39,860 55,120 42,350	28,480 21,870 30,340 23,320	17,550 14,480 18,740 15,520	12,210 10,470 13,120 11,270	9,060 7,940 9,790 8,580	6,990 6,350 7,580 6,900	5,510 5,030 6,020 5,510	4,410 4,850								
242.8	45.6 48.6	55,120 50,420 55,120 54,100	36,270 28,020 38,980 30,180	22,640 18,830 24,400 20,350	16,010 13,820 17,330 14,990	12,080 10,670 13,140 11,620	9,480 8,690 10,360 9,500	7,650 7,050 8,400 7,760									
229.7	50.2 53.5	55,120 40,520 55,120 43,740	31,390 25,420 33,930 27,510	21,210 18,080 22,990 19,640	15,650 13,730 17,040 14,970	12,170 10,850 13,290 11,880	9,960 8,820 10,930 9,700										
210.0	53.8 57.7	55,120 44,050 55,120 47,710	34,170 27,730 37,080 30,110	23,170 19,780 25,220 21,560	17,170 15,080 18,740 16,510	13,400 11,990 14,680 13,160	11,020 12,130										
196.9	57.7 62.3	55,120 47,910 55,120 52,010	37,240 30,250 40,480 32,940	25,330 21,650 27,620 23,660	18,830 16,580 20,610 18,170	14,750 13,230 16,200 14,550											
164.0	63.3 68.2	55,120 52,890 55,120 44,970	41,180 33,510 44,970 36,640	28,110 24,100 30,780 26,410	20,990 18,520 23,060 20,370												
131.2	65.6 71.2	55,120 55,030 55,120 46,960	42,880 34,920 46,960 38,290	29,300 25,130 32,190 27,650													



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.

MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

	CFU-7.5
	10 hp
0 ⇨ 262 ft/min	

	GFU-7.5
	4x 10 hp
0 ⇨ 0.7 rpm	

	TRA-7.5
	2x 55 ft·lb
	78 ft/min
	5XR73

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

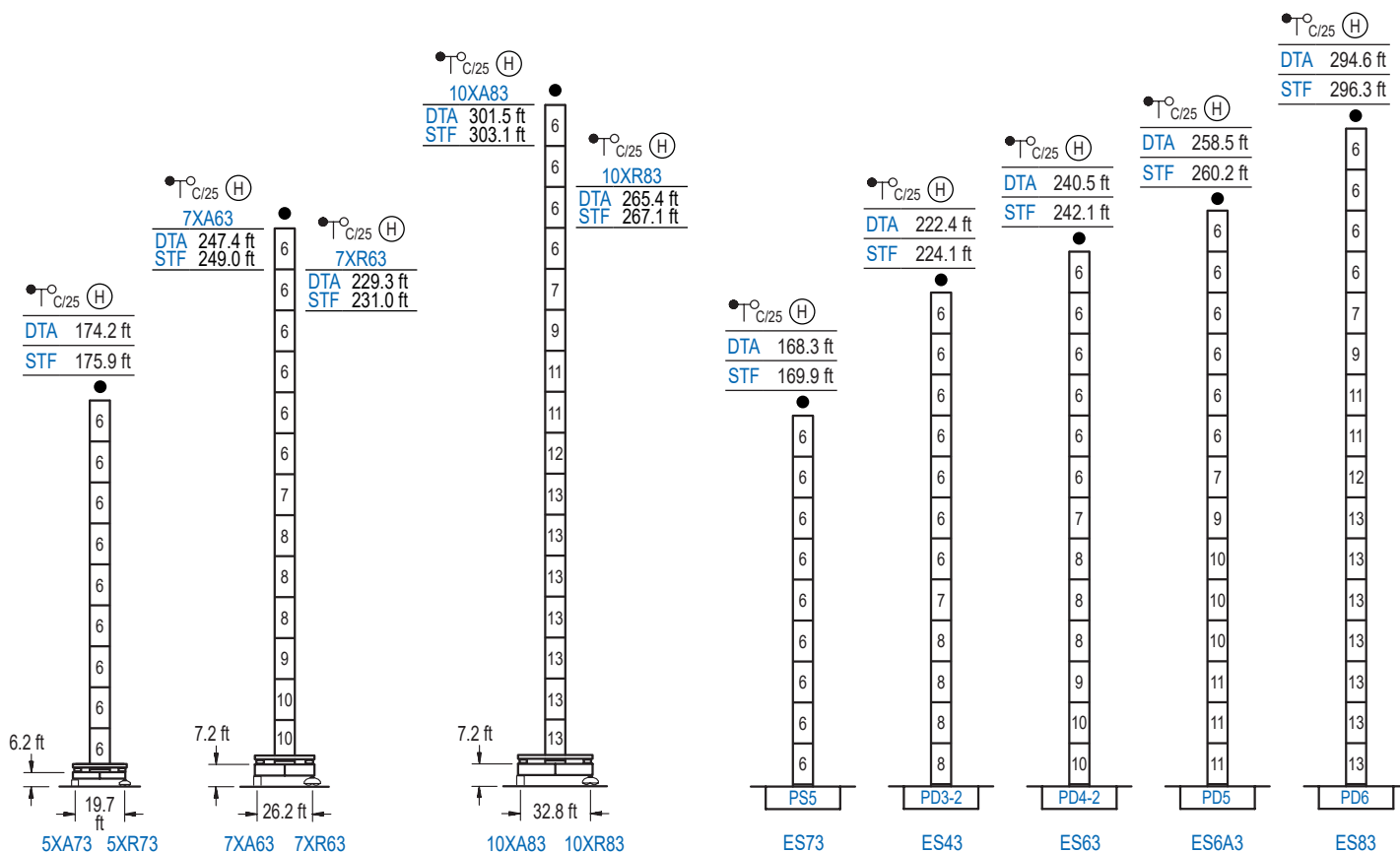
Elevación / Hoist / Levage / Hub / Sollevamento / Тип механизма (подъем)	Carro / Trolley / Chariot / Laufkatze / Carrelo / Грузовая тележка	Giro / Slewing / Rotation / Drehbewegung / Rotazione / Поворот	Traslación / Travel / Translation / Verfahrbewegung / Traslazione / Ход	Tensión de alimentación / 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-7.5	(4x) GFU-7.5	(2x) TRA-7.5	480 V 3 ph 60 Hz	95 kVA
EFU5-110-62			(4x) TRA-7.5		140 kVA
EFU5L-110-62					140 kVA

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

ALTURAS BAJO GANCHO

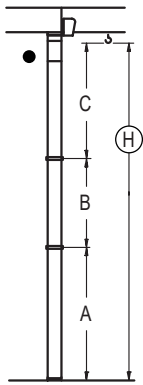
Heights under hook / Hauteurs sous crochet / Hakenhöhen / Altezza sotto gancio / Высота под крюком

Ø 8.2 ft



n°	Ref.	Ø	h	n°	Ref.	Ø	h	n°	Ref.	Ø	h
6	S35	8.2	18.0	9	TD34	8.2	18.0	12	TD36B	8.2	18.0
7	TD33A	8.2	18.0	10	D34	8.2	18.0	13	D36B	8.2	18.0
8	D33	8.2	18.0	11	D35	8.2	18.0				
1x S35 = 1x S35M											
1x D33 = 1x D33M											

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



DTA (H) C/25	5XA73	7XA63	10XA83
A max A min	132.5 96.5	205.7 115.5	259.8 205.7
B max B min	- 108.3 72.2	- 108.3 72.2	- 108.3 72.2
C max	149.9	149.9	149.9
H max	282.5	390.7	518.0

DTA (H) C/25	ES73	ES43	ES63	ES6A3	ES83
A max A min	126.6 90.6	180.8 90.6	198.8 108.6	216.9 126.6	253.0 198.8
B max B min	- 108.3 72.2	- 108.3 72.2	- 108.3 72.2	- 108.3 72.2	- 108.3 72.2
C max	149.9	149.9	149.9	149.9	149.9
H max	276.6	384.8	330.1	439.0	348.8

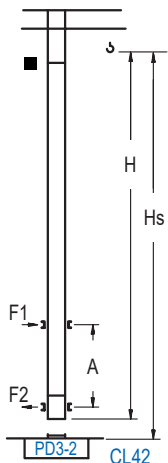
STF (H) C/25	5XA73	7XA63	10XA83
A max A min	132.5 96.5	205.7 115.5	259.8 205.7
B max B min	- 108.3 72.2	- 108.3 72.2	- 108.3 72.2
C max	151.6	151.6	151.6
H max	284.1	392.4	519.7

STF (H) C/25	ES73	ES43	ES63	ES6A3	ES83
A max A min	126.6 90.6	180.8 90.6	198.8 108.6	216.9 126.6	253.0 198.8
B max B min	- 108.3 72.2	- 108.3 72.2	- 108.3 72.2	- 108.3 72.2	- 108.3 72.2
C max	151.6	151.6	151.6	151.6	151.6
H max	278.2	386.5	332.3	440.6	350.4

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 6.6 ft



DTA (H) C/25	Hs < 1,310 ft	
158.8 ft 4x D23 + 4x D23A + CLD23A-12	64.3	29.5
140.7 ft 3x D23 + 4x D23A + CLD23A-12	55.1	26.2
122.7 ft 2x D23 + 4x D23A + CLD23A-12	46.3	23.0

STF (H) C/25	Hs < 1,310 ft	
160.4 ft 4x D23 + 4x D23A + CLD23A-12	64.3	29.5
142.4 ft 3x D23 + 4x D23A + CLD23A-12	55.1	26.2
124.3 ft 2x D23 + 4x D23A + CLD23A-12	46.3	23.0

Ref.	Ø	h
D23	6.6	18.0
D23A	6.6	18.0
CLD23A-12	6.6	11.2

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