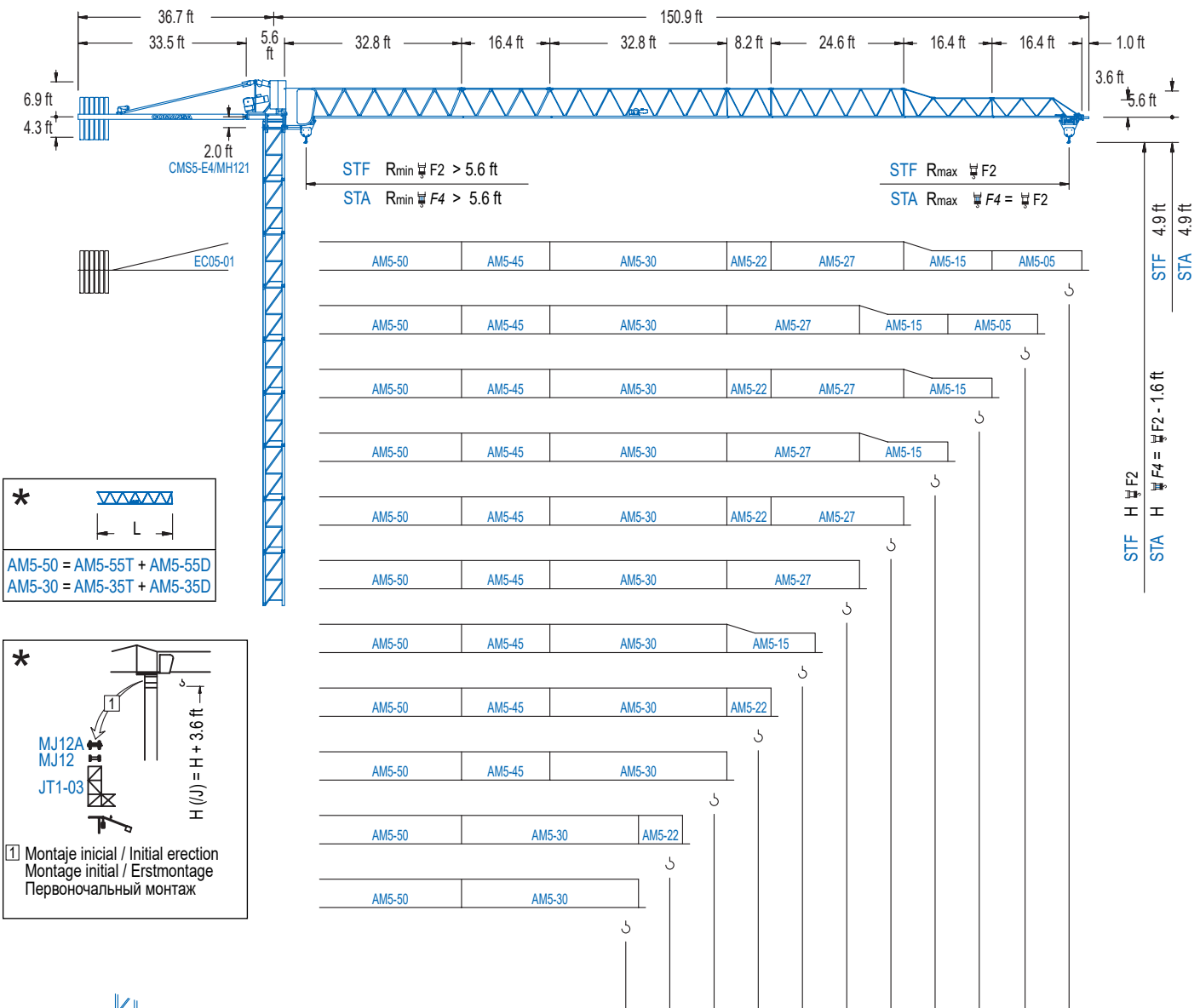
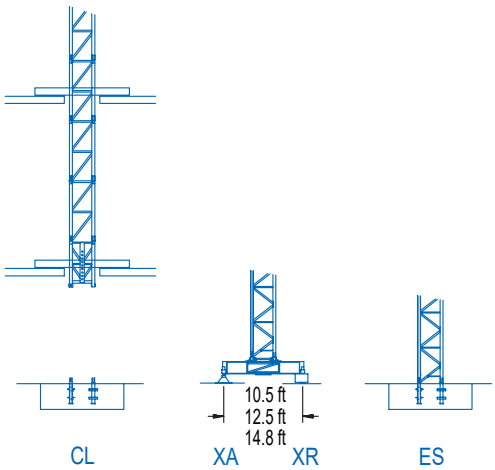
COMANSA

500 Series — 5LC4510 — 11,020 lb



Rmax	65.6	73.8	82.0	90.2	98.4	106.6	114.8	123.0	131.2	139.4	147.6	ft
STF F2	5,510	5,510	5,510	4,960	4,410	3,970	3,530	3,310	2,760	2,430	2,200	lb
	5,510	5,510	5,510	5,450	4,850	4,370	3,880	3,640	3,020	2,670	2,430	lb
STA F4-F2	**6,610**	**5,730**	5,290	4,740	4,190	3,750	3,310	3,090	2,540	2,200	1,980	lb
	7,280	**6,310**	**5,820**	5,200	4,610	4,120	3,640	3,400	2,780	2,430	2,180	lb



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

STA Simple Carro Cambio Reenvíos Automático / Simple Trolley Automatic Reeving Change / Simple chariot avec changement de mouflage automatique / Einfach Katze mit automatischer Umscheerung / Автоматическое переключение на одинарную каретку

CE EN 14439

POWER LIFT CRANE MATE

DIAGRAMA DE CARGAS / LOAD CHART — STF

Diagramme de charges / Lastdiagramm / Диаграмма распределения нагрузки

ES3-13-12; ES3-18-12; EFU2-18-12

R	5,510 lb	F2 32.8	41.0	49.2	57.4	65.6	73.8	82.0	90.2	98.4	106.6	114.8	123.0	131.2	139.4	147.6 ⇦(ft) ⇩(lb)
147.6	67.6 72.8					5,510 5,510	4,980 5,420	4,410 4,830	3,970 4,320	3,570 3,920	3,260 3,570	3,000 3,260	2,760 3,020	2,540 2,800	2,360 2,600	2,200 2,430
139.4	68.9 74.4					5,510	5,090 5,510	4,520 4,940	4,060 4,430	3,660 4,010	3,350 3,660	3,060 3,350	2,820 3,090	2,600 2,870	2,430 2,670	
131.2	71.9 77.7					5,510	5,360 5,510	4,760 5,180	4,280 4,650	3,860 4,210	3,530 3,840	3,220 3,530	2,980 3,260	2,760 3,020		
123.0	78.7 85.3						5,510	5,250 5,510	4,720 5,180	4,280 4,700	3,900 4,280	3,660 3,950	3,310 3,640			
114.8	77.8 84.2						5,510	5,180 5,510	4,650 5,090	4,210 4,630	3,840 4,230	3,530 3,880				
106.6	79.7 86.7						5,510	5,340 5,510	4,810 5,270	4,340 4,780	3,970 4,370					
98.4	80.7 87.8						5,510	5,420 5,510	4,870 5,360	4,410 4,850						
90.2	82.0 89.2							5,510 5,510	4,960 5,450							
82.0	82.0 82.0							5,510 5,510								
73.8	73.8 73.8						5,510 5,510									
65.6	65.6 65.6					5,510 5,510										

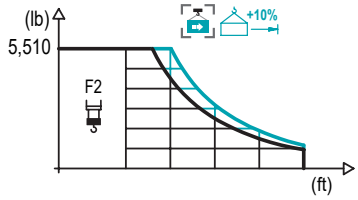
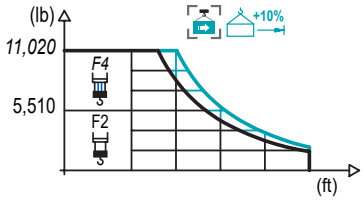


DIAGRAMA DE CARGAS / LOAD CHART — STA

Diagramme de charges / Lastdiagramm / Диаграмма распределения нагрузки

ES3-13-12; ES3-18-12; EFU2-18-12

R	11,020 lb	5,510 lb	F4 32.8	41.0	49.2	57.4	65.6	F2 73.8	82.0	90.2	98.4	106.6	114.8	123.0	131.2	139.4	147.6 ⇦(ft) ⇩(lb)
147.6	36.4 38.7	66.3 70.9	11,020 11,020	9,610 10,340	7,780 8,400	6,500 7,030	5,580 6,020	4,850 5,250	4,250 4,630	3,790 4,120	3,400 3,700	3,060 3,350	2,800 3,040	2,560 2,780	2,340 2,560	2,160 2,360	1,980 2,180
139.4	37.1 39.7	67.3 72.2	11,020 11,020	9,790 10,580	7,960 8,600	6,660 7,190	5,690 6,170	4,940 5,380	4,370 4,740	3,880 4,210	3,480 3,790	3,150 3,440	2,870 3,130	2,600 2,870	2,400 2,620	2,200 2,430	
131.2	38.4 41.3	70.2 75.1	11,020	10,270 11,020	8,330 8,990	6,990 7,540	5,970 6,460	5,200 5,640	4,590 4,980	4,080 4,430	3,660 3,990	3,310 3,620	3,020 3,310	2,760 3,020	2,540 2,780		
123.0	42.0 44.9	76.4 82.3		11,020 11,020	9,170 9,960	7,690 8,380	6,590 7,190	5,750 6,260	5,070 5,560	4,520 4,960	4,080 4,450	3,700 4,060	3,370 3,700	3,090 3,400			
114.8	41.3 44.3	75.5 81.4		11,020 11,020	9,020 9,810	7,560 8,250	6,480 7,080	5,640 6,170	4,980 5,470	4,450 4,870	4,010 4,390	3,640 3,990	3,310 3,640				
106.6	42.3 45.6	77.4 83.7		11,020 11,020	9,280 10,120	7,780 8,510	6,680 7,300	5,820 6,370	5,140 5,640	4,590 5,030	4,140 4,540	3,750 4,120					
98.4	42.7 46.3	78.1 84.6		11,020 11,020	9,410 10,270	7,890 8,620	6,770 7,410	5,910 6,460	5,200 5,710	4,650 5,110	4,190 4,610						
90.2	43.3 46.9	79.4 86.0		11,020 11,020	9,570 10,430	8,020 8,770	6,880 7,540	6,000 6,570	5,310 5,820	4,740 5,200							
82.0	43.3 46.9	79.1 86.0		11,020 11,020	9,550 10,430	8,000 8,800	6,860 7,540	6,000 6,570	5,290 5,820								
73.8	41.7 45.3			11,020 11,020	9,150 10,030	7,670 8,420	6,570 7,230	5,730 6,310									
65.6	42.0 45.6			11,020 11,020	9,190 10,100	7,720 8,470	6,610 7,280										



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

ES3-18-12 — 950 ft — 29 hp

		I	II	III
F2	ft/min	32	126	252
	lb	5,510	5,510	2,870

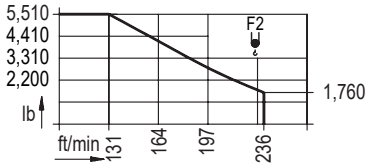
		I	II	III
F4	ft/min	16	63	126
	lb	11,020	11,020	5,730

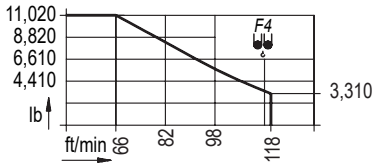
ES3-13-12 — 740 ft — 21 hp *

		I	II	III
F2	ft/min	24	94	189
	lb	5,510	5,510	2,870

		I	II	III
F4	ft/min	12	47	94
	lb	11,020	11,020	5,730

EFU2-18-12 — 950 ft — 24 hp *





CS2-1.9
3 hp
63 ft/min 189 ft/min

CFU-2.2 *
3 hp
0 ⇨ 262 ft/min

GR-7.5
55 ft·lb
0 ⇨ 0.8 rpm

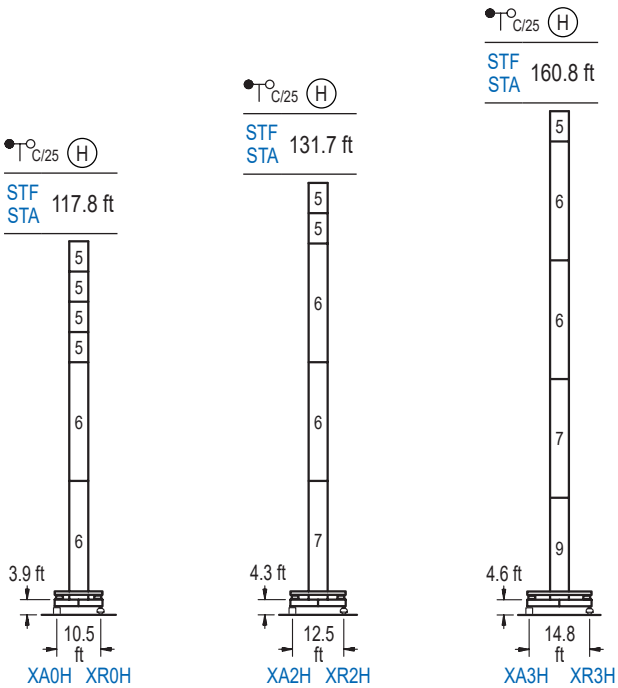
*	TS2-3.0	TS2-4.5	TS2-5.5
	2x 22 ft·lb	2x 33 ft·lb	2x 40 ft·lb
	78 ft/min		
	XR0H	XR2H	XR3H

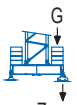
Elevación / Hoist / Levage / Hub / Тип механизма (подъем)	Carro / Trolley / Chariot / Laufkatze / Грузовая тележка	Giro / Slewing / Rotation / Drehbewegung / Поворот	Traslación / Travel / Translation / Verfahrbewegung / Ход	Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Напряжение источника питания	Potencia requerida / Required power / Puissance requise / Benötigte Leistung / требуемая мощность
ES3-18-12	CS2-1.9	GR-7.5	(2x) TS2-3.0 (2x) TS2-4.5 (2x) TS2-5.5	480 V 3 ph 60 Hz	24 kVA
ES3-13-12					19 kVA
EFU2-18-12	CFU-2.2				24 kVA

Opcional / Optional / En option / Kaufoption / Опционально
*

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

⌀ 3.9 ft





		G (kip)	Z max (kip)
ES	XA0H XR0H	148	104
	XA2H XR2H	187	114
	XA3H XR3H	214	123
FS	XA0H XR0H	148	124
	XA2H XR2H	187	161
	XA3H XR3H	214	186

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

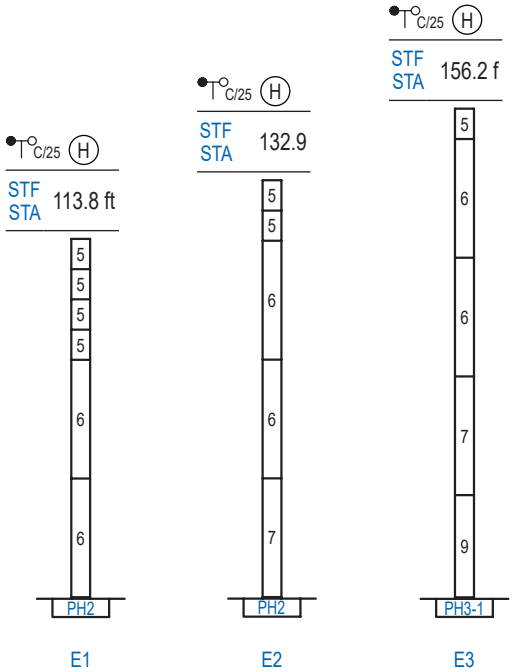
nº	Ref.	⌀	h
5	MH121	3.9	9.8
6	MH124-1	3.9	38.7
7	MH124A	3.9	38.7
9	MT123	3.9	33.1

MH124-1 = 4x MH121 - 0.7 ft

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 où entretoisements, sur demande / Andere Windzonen, weitere Hakenhöhen oder Abspannungen zum Gebäude auf Anfrage / При других ветренных зонах, при бóльшой высоте или привязках к зданию проконсультируйтесь с нами

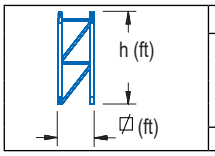
ALTURAS BAJO GANCHO / HEIGHTS UNDER HOOK
Hauteurs sous crochet / Hakenhöhen / Высота под крюком

⌀ 3.9 ft



			R1 (kip)	R2 (kip)
R2 R1	ES	E1	-129	100
		E2	-146	116
		E3	-168	135
	FS	E1	-208	180
		E2	-250	220
		E3	-336	302

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

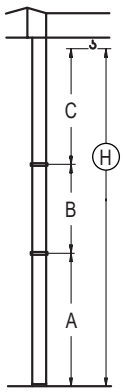


nº	Ref.	⌀	h	nº	Ref.	⌀	h
5	MH121	3.9	9.8	9	MT123	3.9	33.1
6	MH124-1	3.9	38.7				
7	MH124A	3.9	38.7				

MH124-1 = 4x MH121 - 0.7 ft

GRÚA ARRIOSTRADA / BRACED CRANE
Grue à entretoisement / Abgespannter Kran / Наращиваемый кран

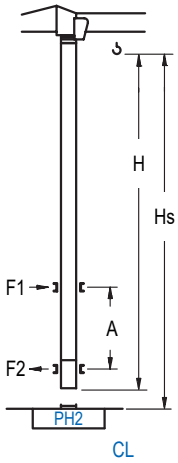
⌀ 3.9 ft



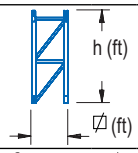
STF STA H C/25	XA0H		XA2H		XA3H	
A max A min	101.0 52.5		121.1 52.8		144.7 76.4	
B max B min	-	68.9 39.4	-	68.9 39.4	-	68.9 39.4
C max	89.2	89.2	89.2	89.2	89.2	89.2
H max	190.3	259.2	209.6	278.5	233.9	302.8

STF STA H C/25	E1		E2		E3	
A max A min	87.3 48.6		116.8 48.6		140.1 71.9	
B max B min	-	68.9 39.4	-	68.9 39.4	-	68.9 39.4
C max	89.2	89.2	89.2	89.2	89.2	89.2
H max	186.4	255.2	206.0	274.9	229.3	298.2

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 où entretoisements, sur demande / Andere Windzonen, weitere Hakenhöhen oder Abspannungen zum Gebäude auf Anfrage / При других ветренных зонах, при бóльшой высоте или привязках к зданию проконсультируйтесь с нами



STF STA (H) C/25	Hs < 980 ft	
	A max (ft)	A min (ft)
142.1 ft 10x MH121 + 4x MT12-3A + CL20A	39.4	29.5
132.2 ft 9x MH121 + 4x MT12-3A + CL20A	39.4	26.2
122.4 ft 8x MH121 + 4x MT12-3A + CL20A	39.4	23.0



Ref.	⌀	h
MH121	3.9	9.8
MT12-3A	3.9	9.5
CL20A	3.9	8.5

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 où grues avec cage de télescopage intérieure, sur demande / Andere Windzonen, weitere Hakenhöhen, Abspannungen zum Gebäude oder Klettern im Gebäude auf Anfrage / При других ветренных зонах, при бóльшой высоте, привязках к зданию или наращивании крана внутри здания проконсультируйтесь с нами