

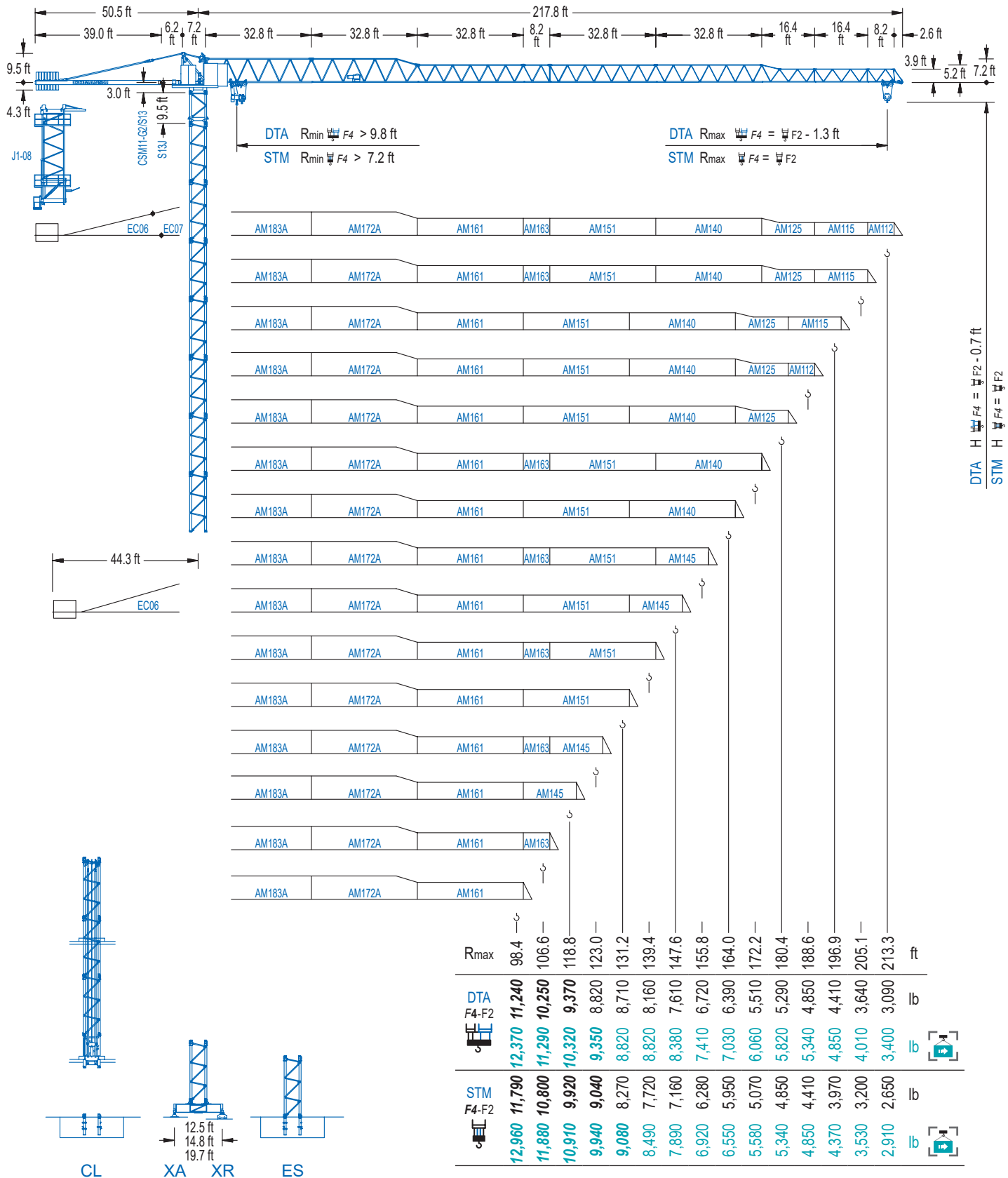


COMANSA

1100 Series

11LC160

17,640 lb



1100 Series

DTA $\frac{H}{F4} = \frac{H}{F2} - 0.7$ ft
STM $\frac{H}{F4} = \frac{H}{F2}$ ft

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 двоенную каретку.

STM Simple Carro SR/DR Manual. / Simple Trolley Manual SR/DR. / Simple Chariot SM/DM Manuel. / Einfach Katze mit manueller Umscheerung. / Carrello singolo SR/DR manuale. / Механическое (ручное) переключение на одинарную каретку.



DIAGRAMA DE CARGAS

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

DTA

R	17,640 lb	8,820 lb	F4			F2																↔ (ft) ↕ (lb)
			32.8	49.2	65.6	82.0	98.4	106.6	114.8	123.0	131.2	139.4	147.6	155.8	164.0	172.2	180.4	188.6	196.9	205.1	213.3	
213.3	45.6 48.9	81.4 87.9 87.3 94.8	17,640 17,640	16,120 17,500	11,460 12,480	8,820 9,550	7,780 8,440	7,100 7,720	6,530 7,100	6,020 6,550	5,580 6,080	5,200 5,670	4,850 5,310	4,540 4,980	4,280 4,670	4,030 4,410	3,810 4,170	3,620 3,950	3,420 3,750	3,240 3,570	3,090 3,400	
205.1	49.5 53.5	88.6 96.5 95.5 104.0	17,640 17,640	12,700 13,840	9,700 10,630	8,600 8,820	7,850 8,580	7,230 7,890	6,680 7,300	6,190 6,770	5,780 6,310	5,400 5,910	5,070 5,560	4,760 5,220	4,500 4,940	4,250 4,670	4,030 4,430	3,840 4,210	3,640 4,010			
196.9	55.4 59.7	99.1 107.9 107.3 116.8	17,640 17,640	14,460 15,810	11,110 12,170	8,910 9,790	8,820 8,880	8,250 8,820	7,630 8,330	7,080 7,740	6,610 7,230	6,190 6,770	5,820 6,370	5,470 6,000	5,160 5,670	4,890 5,380	4,630 5,090	4,410 4,850				
188.6	57.4 62.0	102.7 112.2 111.2 121.4	17,640 17,640	15,060 16,490	11,600 12,720	9,300 10,230	8,820 9,280	8,580 8,690	7,940 8,090	7,390 7,540	6,900 7,080	6,460 6,660	6,060 6,280	5,710 5,930	5,400 5,620	5,110 5,340	4,850					
180.4	58.7 63.6	105.6 115.5 114.5 125.3	17,640 17,640	15,540 17,040	11,970 13,140	9,610 10,580	8,820 9,610	8,200 8,820	7,630 8,360	7,120 7,800	6,680 7,320	6,260 6,880	5,910 6,500	5,580 6,150	5,290 5,820							
172.2	58.1 63.0	104.3 114.2 113.2 123.7	17,640 17,640	15,340 16,800	11,790 12,960	9,480 10,450	8,820 9,480	8,750 8,820	8,090 8,270	7,540 7,720	7,030 7,230	6,590 6,790	6,190 6,420	5,840 6,060	5,510							
164.0	62.7 67.9	112.9 123.4 122.4 134.2	17,640 17,640	16,730 14,200	12,920 11,460	10,410 10,430	9,440 9,520	8,820 8,820	8,250 8,820	7,690 8,440	7,210 7,910	6,790 7,450	6,390 7,030									
155.8	62.3 67.6	111.9 122.7 121.4 133.2	17,640 17,640	16,580 14,090	12,790 14,090	10,300 11,350	9,350 9,440	8,820 8,820	8,770 8,820	8,160 8,380	7,630 7,870	7,140 7,410	6,720									
147.6	65.6 71.2	117.8 129.3 128.3 140.7	17,640 17,640	17,590 14,970	13,600 12,100	10,980 11,020	9,960 10,080	9,100 9,260	8,820 8,820	8,690 8,820	8,110 8,380	7,610										
139.4	65.6 70.9	118.4 129.9 127.6 139.4		17,640 17,640	13,670 14,900	11,020 12,040	10,010 10,960	9,150 10,030	8,820 9,220	8,730 8,820	8,160											
131.2	65.6 70.5	117.8 129.9 127.3 131.2	17,640 17,640	17,610 14,860	13,600 12,020	10,980 10,930	9,960 10,010	9,100 9,190	8,820 8,820	8,710												
123.0	65.6 70.9	117.8 123.0 121.7	17,640 17,640	17,610 14,880	13,600 12,040	10,980 10,930	9,960 10,010	9,100 9,350	8,820													
114.8	66.3 71.5	113.5 113.5		17,640 17,640	13,780 15,080	11,110 12,190	10,100 11,090	9,370 10,320														
106.6	66.3 71.5	105.3 105.3		17,640 17,640	13,760 15,080	11,110 12,210	10,250 11,290															
98.4	65.9 71.5	97.1 97.1		17,640 17,640	13,710 15,040	11,240 12,370																

(lb) ↑

17,640

8,820

↔ (ft)

↕ (lb)

F4

F2

880 lb

+10%

-880 lb

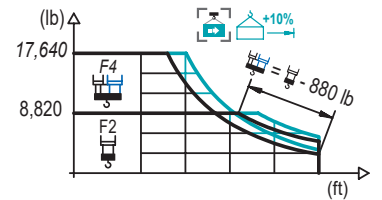


DIAGRAMA DE CARGAS

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

STM

R	17,640 lb	8,820 lb	F4				F2																↔ (ft) ↕ (lb)
			32.8	49.2	65.6	82.0	98.4	106.6	114.8	123.0	131.2	139.4	147.6	155.8	164.0	172.2	180.4	188.6	196.9	205.1	213.3		
213.3	45.3 48.2	83.0 88.6	17,640 17,640	16,010 17,220	11,550 12,430	8,930 9,630	7,210 7,780	6,550 7,080	5,970 6,480	5,490 5,950	5,070 5,510	4,700 5,110	4,370 4,740	4,080 4,430	3,810 4,140	3,570 3,900	3,350 3,660	3,150 3,440	2,980 3,260	2,800 3,090	2,650 2,910		
205.1	49.5 52.8	90.9 97.8	17,640 17,640	12,830 13,840	9,940 10,760	8,050 8,710	7,320 7,940	6,700 7,280	6,170 6,700	5,690 6,190	5,290 5,750	4,920 5,360	4,590 5,030	4,300 4,700	4,030 4,410	3,790 4,170	3,570 3,920	3,370 3,700	3,200 3,530				
196.9	55.4 59.7	102.4 106.6	17,640 17,640	14,640 15,850	11,380 12,350	9,240 10,030	8,420 9,150	7,720 8,400	7,100 7,760	6,590 7,190	6,130 6,680	5,710 6,240	5,340 5,840	5,000 5,490	4,720 5,160	4,430 4,870	4,190 4,610	3,970 4,370					
188.6	57.7 62.0	106.3 114.5	17,640 17,640	15,280 16,580	11,880 12,920	9,660 10,490	8,800 9,590	8,070 8,800	7,450 8,110	6,900 7,540	6,420 7,010	5,970 6,550	5,600 6,130	5,250 5,780	4,940 5,420	4,670 5,140	4,410 4,850						
180.4	59.4 63.3	109.6 117.1	17,640 17,640	15,780 17,150	12,300 13,380	9,990 10,890	9,100 9,940	8,360 9,130	7,720 8,420	7,140 7,830	6,660 7,280	6,220 6,810	5,820 6,370	5,470 6,000	5,140 5,640	4,850 5,340							
172.2	58.7 68.9	108.6 127.3	17,640 17,640	15,610 16,980	12,150 13,230	9,880 10,760	8,990 9,830	8,250 9,020	7,610 8,330	7,050 7,720	6,570 7,190	6,130 6,720	5,730 6,310	5,380 5,910	5,070 5,580								
164.0	63.6 68.2	117.8 126.6	17,640 17,640	17,040 14,510	13,290 11,820	10,820 10,800	9,880 9,920	9,060 9,170	8,380 8,510	7,760 7,940	7,230 7,410	6,750 6,970	6,330 6,550	5,950									
155.8	63.3 68.2	116.8 126.6	17,640 17,640	16,930 14,420	13,180 11,750	10,740 10,740	9,810 9,850	8,990 9,100	8,310 8,470	7,720 7,870	7,160 7,360	6,700 6,920	6,280										
147.6	66.9 72.5	123.7 134.2	17,640 17,640	14,040 15,340	11,440 12,520	10,450 11,440	9,590 10,520	8,860 9,720	8,220 9,040	7,670 8,420	7,160 7,890												
139.4	67.3 72.8	124.3 135.2	17,640 17,640	14,130 15,450	11,510 12,610	10,520 11,530	9,660 10,600	8,930 9,810	8,290 9,100	7,720 8,490													
131.2	67.3 72.8	124.0	17,640 17,640	14,110 15,430	11,490 12,610	10,490 11,510	9,660 10,580	8,910 9,790	8,270 9,080														
123.0	67.9 73.8		17,640 17,640	14,310 15,670	11,660 12,790	10,650 11,680	9,790 10,760	9,040 9,940															
114.8	68.9 74.8		17,640 17,640	14,510 15,900	11,820 12,990	10,800 11,860	9,920 10,910																
106.6	68.9 74.8		17,640 17,640	14,510 15,920	11,820 13,010	10,800 11,880																	
98.4	68.9 74.8		17,640 17,640	14,460 15,900	11,790 12,960																		

(lb) ↑

17,640

8,820

F4



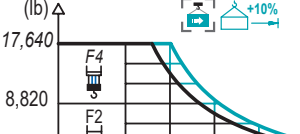
F2

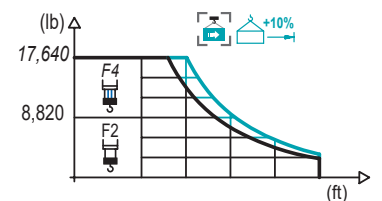






+10%

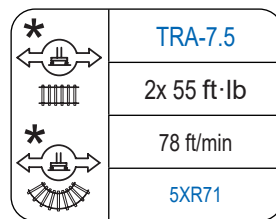
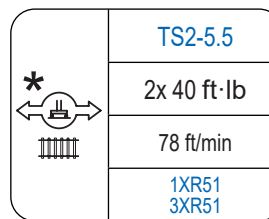
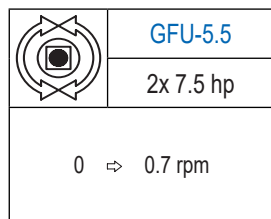
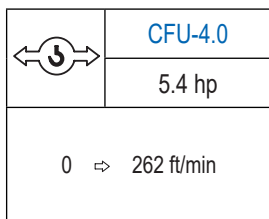
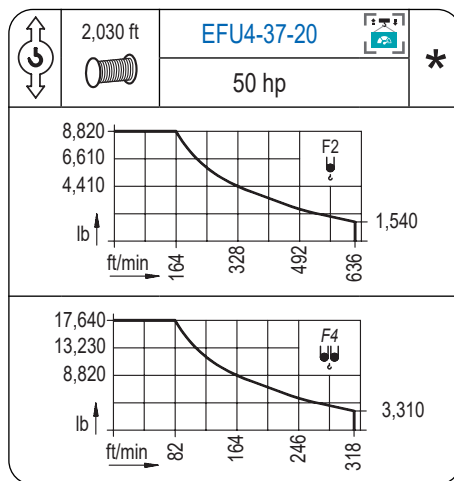
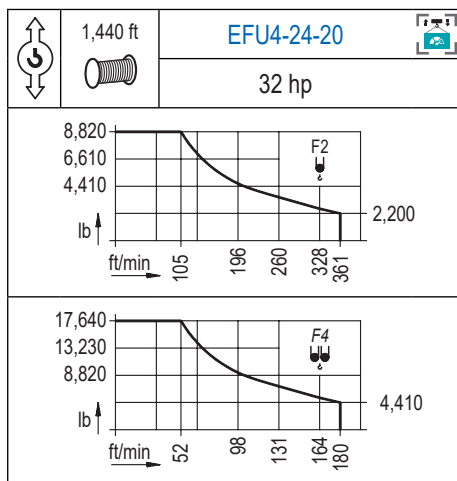




Datos válidos hasta 328 ft de ABG. Para alturas mayores consultar / Valid data up to 328 ft HUH. Additional heights on request / Données valables jusqu'à 328 ft HSC. Pour des autres hauteurs, merci de nous consulter / Gültige Daten bis zu 328 ft HH. Bei höheren Hakenhöhen nachfragen / Dati validi fino 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



Elevación / Hoist / Levage / Hub / Sollevamento / Тип механизма (подъем)	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
EFU4-24-20	CFU-4.0	(2x) GFU-5.5	(2x) TS2-5.5	480 V	36 kVA
EFU4-37-20			(2x) TRA-7.5	3 ph 60 Hz	49 kVA

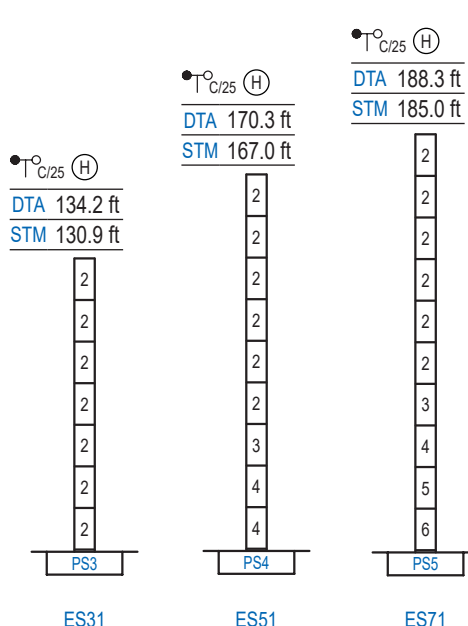
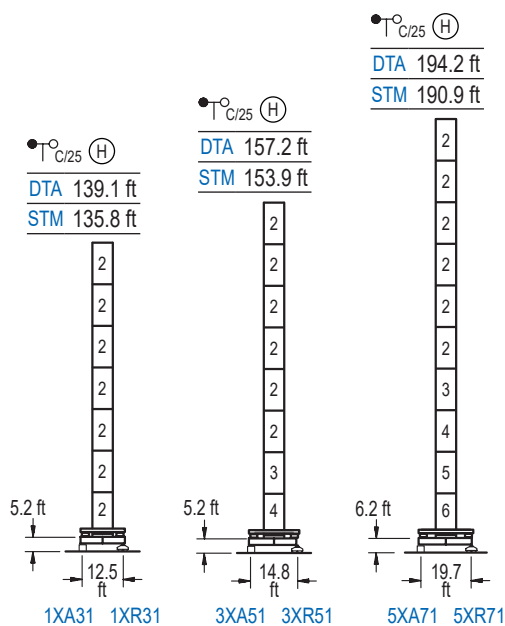
Opcional /
Optional / En
option / Kaufoption
/ Opzionale /
Опционально

*

ALTURAS BAJO GANCHO

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

∅ 5.2 ft



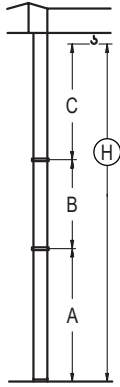
n°	Ref.	∅	h
2	S13	5.2	18.0
3	TS14	5.2	18.0
4	S14	5.2	18.0
5	TS15	5.2	18.0
6	S15	5.2	18.0
1x S13 = 1x S13M			
1x S15 = 1x S15M			

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 / Наращиваемый кран

Ø 5.2 ft



DTA (H)  C/25	1XA31	3XA51	5XA71
A max	95.5	113.5	150.6
A min	59.4	59.4	96.5
B max	-	72.2	72.2
B min	-	54.1	54.1
C max	115.8	115.8	115.8
H max	211.3	283.5	338.6

DTA (H)  C/25	ES31	ES51	ES71
A max	90.6	126.6	144.7
A min	54.5	72.5	90.6
B max	-	72.2	72.2
B min	-	54.1	54.1
C max	115.8	115.8	115.8
H max	206.4	278.5	332.7

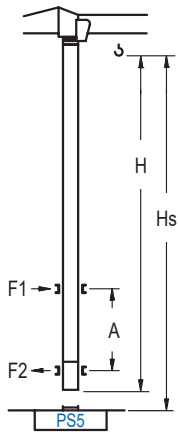
STM (H)  C/25	1XA31	3XA51	5XA71
A max	95.5	113.5	150.6
A min	59.4	59.4	96.5
B max	-	72.2	72.2
B min	-	54.1	54.1
C max	112.5	112.5	112.5
H max	208.0	280.2	335.3

STM (H)  C/25	ES31	ES51	ES71
A max	90.6	126.6	144.7
A min	54.5	72.5	90.6
B max	-	72.2	72.2
B min	-	54.1	54.1
C max	112.5	112.5	112.5
H max	203.1	275.3	329.4

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 5.2 ft



CL71

DTA (H)  C/25	Hs < 1,310 ft	
	A max (ft)	A min (ft)
144.0 ft S13J + 5x S13 + TS14 + TS15 + CLS15-08	55.1	36.1
126.0 ft S13J + 4x S13 + TS14 + TS15 + CLS15-08	46.3	29.5
107.9 ft S13J + 3x S13 + TS14 + TS15 + CLS15-08	37.4	23.0

STM (H)  C/25	Hs < 1,310 ft	
	A max (ft)	A min (ft)
140.7 ft S13J + 5x S13 + TS14 + TS15 + CLS15-08	55.1	36.1
122.7 ft S13J + 4x S13 + TS14 + TS15 + CLS15-08	46.3	29.5
104.7 ft S13J + 3x S13 + TS14 + TS15 + CLS15-08	37.4	23.0

Ref.	Ø	h
S13	5.2	18.0
TS14	5.2	18.0
TS15	5.2	18.0
CLS15-08	5.2	10.2
1x S13 = 1x S13M		

Otras zonas de viento, alturas superiores, arriostamientos 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