

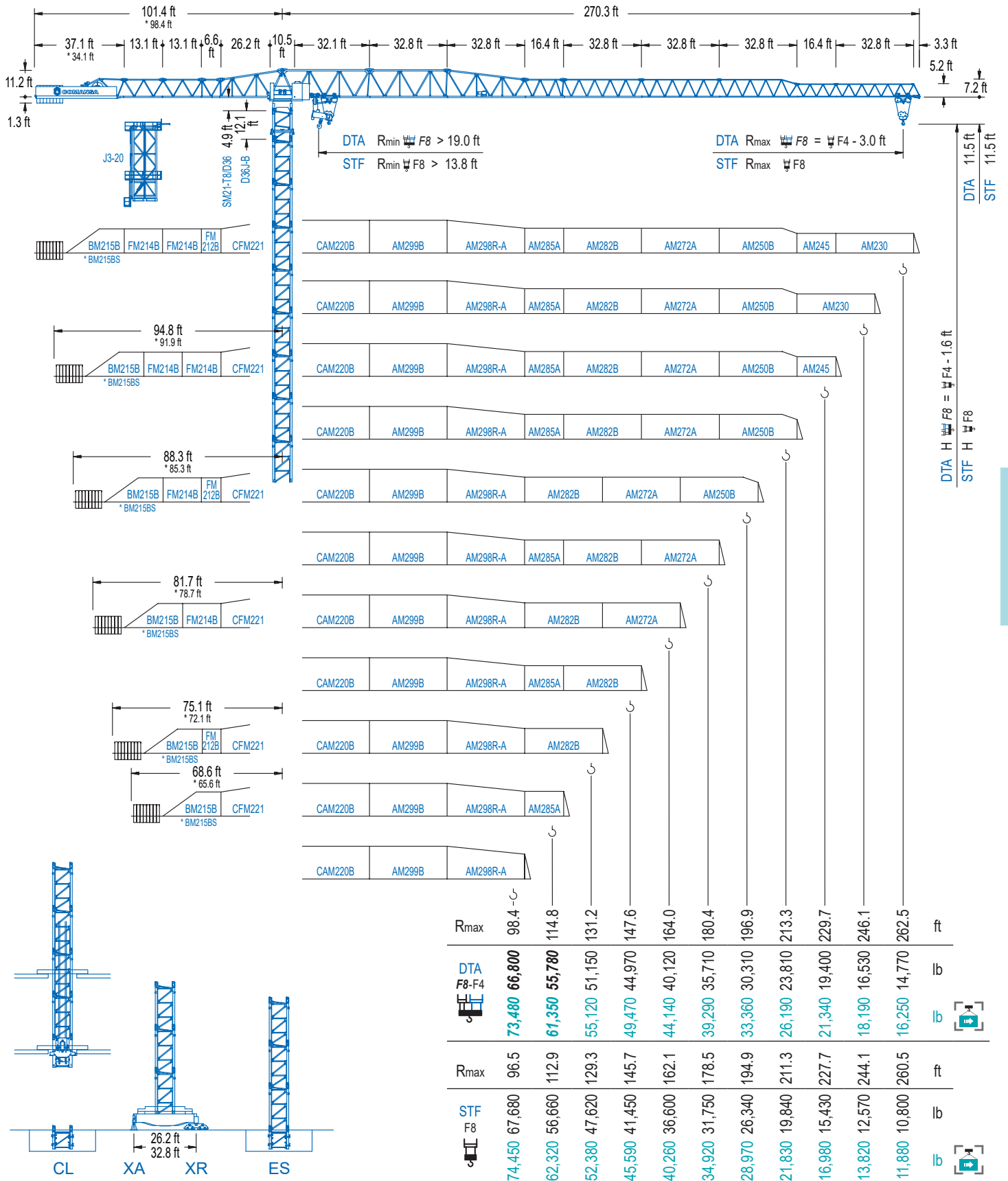


COMANSA

2100 Series

21LC750

110,230 lb



2100 Series

DTA Doble Carro Cambio Reenvios Automático / Double Trolley Automatic Reeving Change / Double chariot avec changement de mouflage automatique / Doppel Katze mit automatischer Umscheerung / Автоматическое переключение на двоянную 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.2221.07.IA



R	110,230 lb		F8			F4													(ft) (lb)
			32.8	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		
262.5	44.3 47.2	78.1 85.6 84.0 92.2	110,230 96,630 68,170 110,230 105,160 74,380	55,120 47,050 39,460 33,860 29,560 26,150 23,350 21,050 19,110 17,460 16,030 14,770 56,750 51,120 42,950 36,880 32,230 28,530 25,530 23,040 20,940 19,140 17,590 16,250															
246.1	45.3 48.6	80.1 87.6 86.3 94.5	110,230 99,410 70,190 110,230 108,330 76,700	55,120 48,370 40,610 34,850 30,420 26,920 24,050 21,690 19,710 18,010 16,530 58,550 52,650 44,220 38,010 33,220 29,430 26,320 23,770 21,630 19,780 18,190															
229.7	47.9 51.5	85.0 93.2 91.5 100.4	110,230 106,390 75,290 110,230 82,390 63,050	57,450 51,740 43,450 37,350 32,630 28,880 25,860 23,320 21,210 19,400 63,050 55,120 47,420 40,790 35,690 31,640 28,330 25,600 23,300 21,340															
213.3	52.2 56.4	93.2 102.4 101.0 110.6	110,230 84,060 64,350 110,230 92,150 70,720	55,120 48,390 41,620 36,420 32,300 28,920 26,150 23,810 56,830 52,910 45,550 39,900 35,410 31,770 28,750 26,190															
196.9	58.7 63.6	108.9 115.8 114.5 126.0	110,230 97,000 74,520 110,230 106,480 82,010	59,970 55,120 47,950 42,020 37,300 33,490 30,310 66,120 55,120 52,580 46,120 40,980 36,820 33,360															
180.4	62.0 67.3	111.5 123.0 121.4 133.2	110,230 103,240 79,450 110,230 87,460 70,610	64,020 55,120 51,060 44,750 39,770 35,710 58,820 55,120 49,160 43,720 39,290															
164.0	62.3 67.6	112.2 123.4 122.0 134.2	110,230 104,010 80,050 110,230 88,180 71,230	64,510 55,120 51,500 45,150 40,120 59,330 55,120 49,630 44,140															
147.6	62.0 67.6	111.5 123.0 121.7 133.9	110,230 103,400 79,560 110,230 87,720 70,860	64,110 55,120 51,300 44,970 59,020 55,120 49,470															
131.2	62.0 66.6	111.2 122.7 118.8 131.2	110,230 102,840 79,120 110,230 86,550 69,860	63,760 55,120 51,150 58,180 55,120															
114.8	63.0 67.6	111.9 111.9	110,230 104,760 80,640 110,230 88,400 71,380	65,010 55,780 61,350															
98.4	62.3 87.9	95.5 95.5	110,230 103,860 79,940 110,230 87,790 73,480	66,800 73,480															



(lb) ↑

110,230

55,120

F8

F4

10% ↑

↓ = - 4,850 lb

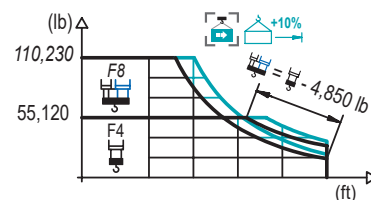
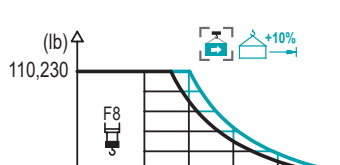


DIAGRAMA DE CARGAS / LOAD CHART

Diagramme de charges / Lastdiagramm / Диаграмма распределения нагрузки

R	110,230 lb	F8														↔ (ft)	↕ (lb)
		32.8	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	
260.5	44.0 46.3	110,230 110,230	96,180 102,440	70,700 75,420	53,680 57,360	42,770 45,810	35,190 37,760	29,630 31,830	25,350 27,310	21,960 23,720	19,220 20,810	16,950 18,410	15,060 16,380	13,430 14,660	12,020 13,180	10,800 11,880	
244.1	44.9 47.6	110,230 110,230	99,120 105,940	72,930 78,060	55,420 59,410	44,200 47,490	36,400 39,200	30,670 33,090	26,260 28,400	22,800 24,690	19,970 21,690	17,640 19,220	15,670 17,130	14,000 15,370	12,570 13,820		
227.7	47.9 50.9	110,230 110,230	106,320 110,230	78,350 84,220	59,660 64,240	47,660 51,430	39,350 42,530	33,220 35,980	28,530 30,970	24,800 27,010	21,800 23,790	19,310 21,120	17,220 18,870	15,430 16,980			
211.2	52.5 55.8		110,230 110,230	87,590 94,580	66,870 72,330	53,590 58,070	44,360 48,170	37,570 40,870	32,360 35,270	28,260 30,860	24,910 27,270	22,160 24,320	19,840 21,830				
194.9	59.1 63.3		110,230 110,230	101,170 109,680	77,470 84,130	62,300 67,750	51,740 56,350	43,980 47,970	38,030 41,560	33,310 36,490	29,500 32,360	26,340 28,970					
178.5	62.3 67.3		110,230 110,230	107,830 110,230	82,670 90,010	66,560 72,580	55,360 60,450	47,110 51,540	40,790 44,710	35,800 39,310	31,750 34,920						
162.1	63.6 68.6		110,230 110,230	109,970 110,230	84,350 92,020	67,920 74,230	56,530 61,840	48,130 52,760	41,690 45,770	36,600 40,260							
145.7	63.3 68.2		110,230 110,230	109,390 110,230	83,910 91,670	67,570 73,940	56,200 61,620	47,840 52,540	41,450 45,590								
129.3	63.0 67.9		110,230 110,230	108,910 110,230	83,510 91,400	67,240 73,720	55,930 61,420	47,620 52,380									
112.9	63.6 68.9			110,230 110,230	84,550 92,700	68,100 74,780	56,660 62,320										
96.5	63.3 68.6		110,230 110,230	109,590 110,230	84,040 92,280	67,680 74,450											

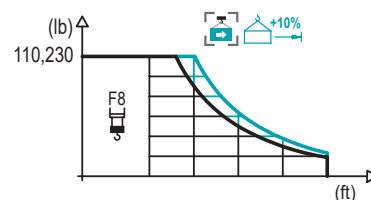


(lb) ↑

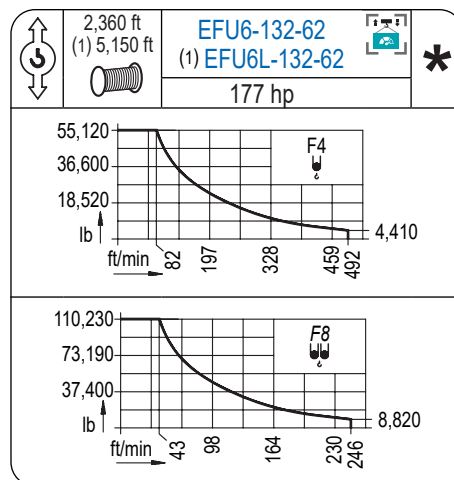
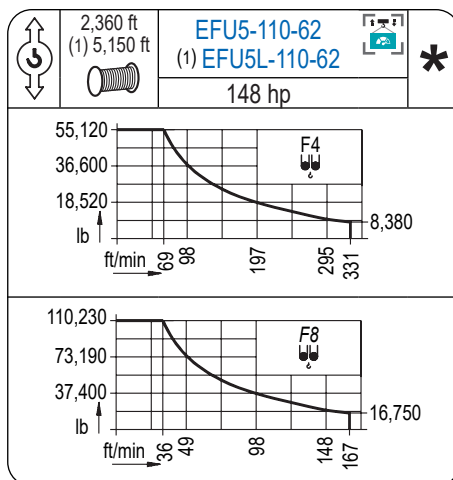
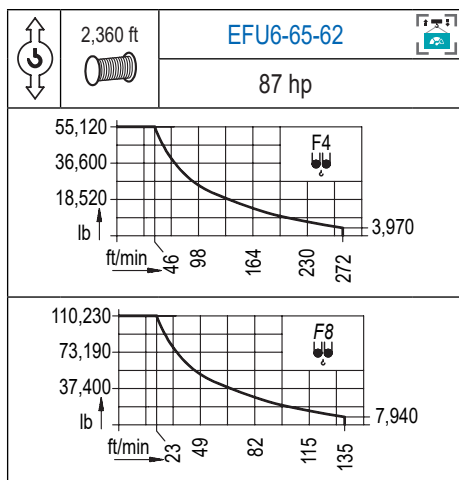
110,230

F8

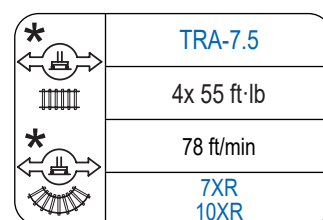
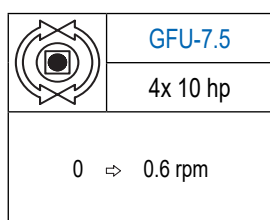
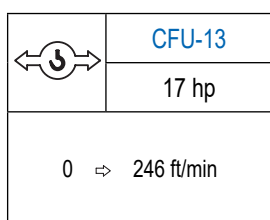
+10%



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 / Допустимые данные до 328 фут 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.

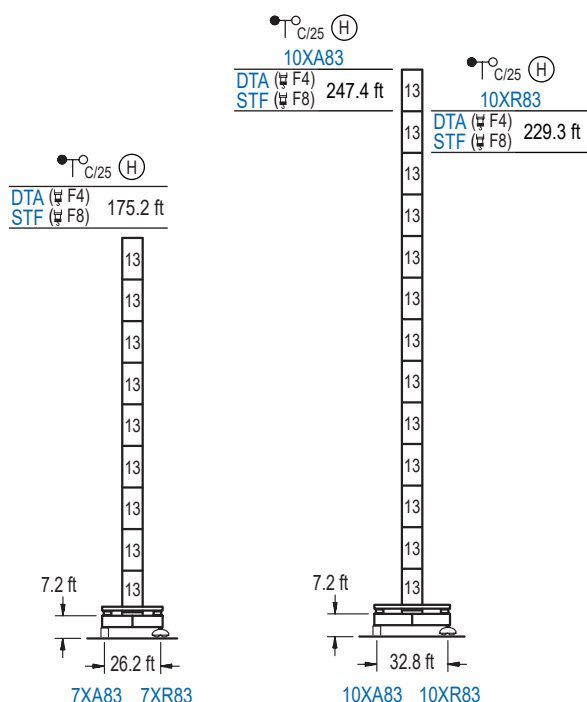


Elevación / Hoist / Levage / Hub / Sollevamento / Тип механизма (подъем)	Carro / Trolley / Chariot / Laufkatze / Carrelo / Грузовая тележка	Giro / Slewing / Rotation / Drehbewegung / Rotazione / Поворот	Traslación / Travel / Translation / Verfahrbewegung / Traslazione / Ход	Tensión de alimentación / 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-13	(4x) GFU-7.5	(4x) TRA-7.5	480 V 3 ph 60 Hz	99 kVA
EFU5-110-62					144 kVA
EFU5L-110-62					144 kVA
EFU6-132-62					166 kVA
EFU6L-132-62					166 kVA

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

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

Ø 8.2 ft



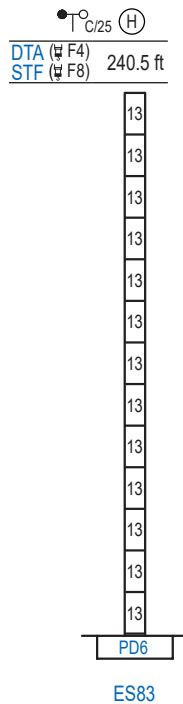
DTA	H	F8 = F4 - 1.6 ft
STF	H	F8

n°	Ref.	Ø	h
13	D36B	8.2	18.0

G (kip)	Z max (kip)
7XA83	282
7XR83	401
10XA83	220
10XR83	427
7XA83	220
7XR83	287
10XA83	220
10XR83	440
10XR83	391

(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	$\frac{1}{4}$ F8 = $\frac{1}{4}$ F4 + 1.6 ft
STF	H	$\frac{1}{4}$ F8

n°	Ref.	Ø	h
13	D36B	8.2	18.0

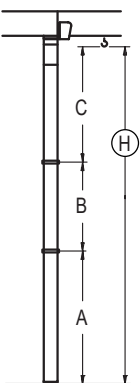
			R1 (kip)	R2 (kip)
	ES	ES84	-891	602
	FS	ES84	-1,402	1,125

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

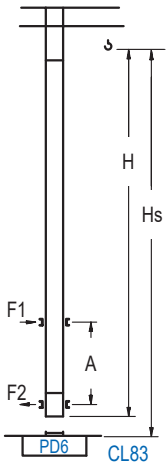
Ø 8.2 ft



DTA (F4) (H) C/25	7XA83	10XA83
A max	133.5	205.7
A min	133.5	133.5
B max	-	144.4
B min	108.3	108.3
C max	186.0	186.0
H max	319.6	463.9

DTA (F4) (H) C/25	ES83
A max	198.8
A min	126.6
B max	-
B min	144.4
C max	186.0
H max	384.8

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



DTA (H F4) STF (H F8)	Hs < 1,310 ft	
	A max (ft)	A min (ft)
198.5 ft 6x D36B + 4x D36A + CLD36A-28	71.9	29.5
180.4 ft 5x D36B + 4x D36A + CLD36A-28	62.7	23.0
162.4 ft 4x D36B + 4x D36A + CLD36A-28	53.8	23.0

DTA	H	Ø F8 = Ø F4 - 1.6 ft
STF	H	Ø F8

Ref.	Ø	h
D36B	8.2	18.0
D36A	8.2	18.0
CLD36A-28	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 où grues avec cage de télescopage intérieure, sur demande / Andere Windzonen, weitere Hakenhöhen, Abspannungen zum Gebäude oder Klettern im Gebäude auf Anfrage / При других ветреных зонах, при большой высоте, привязках к зданию или наращивании крана внутри здания проконсультируйтесь с нами

