

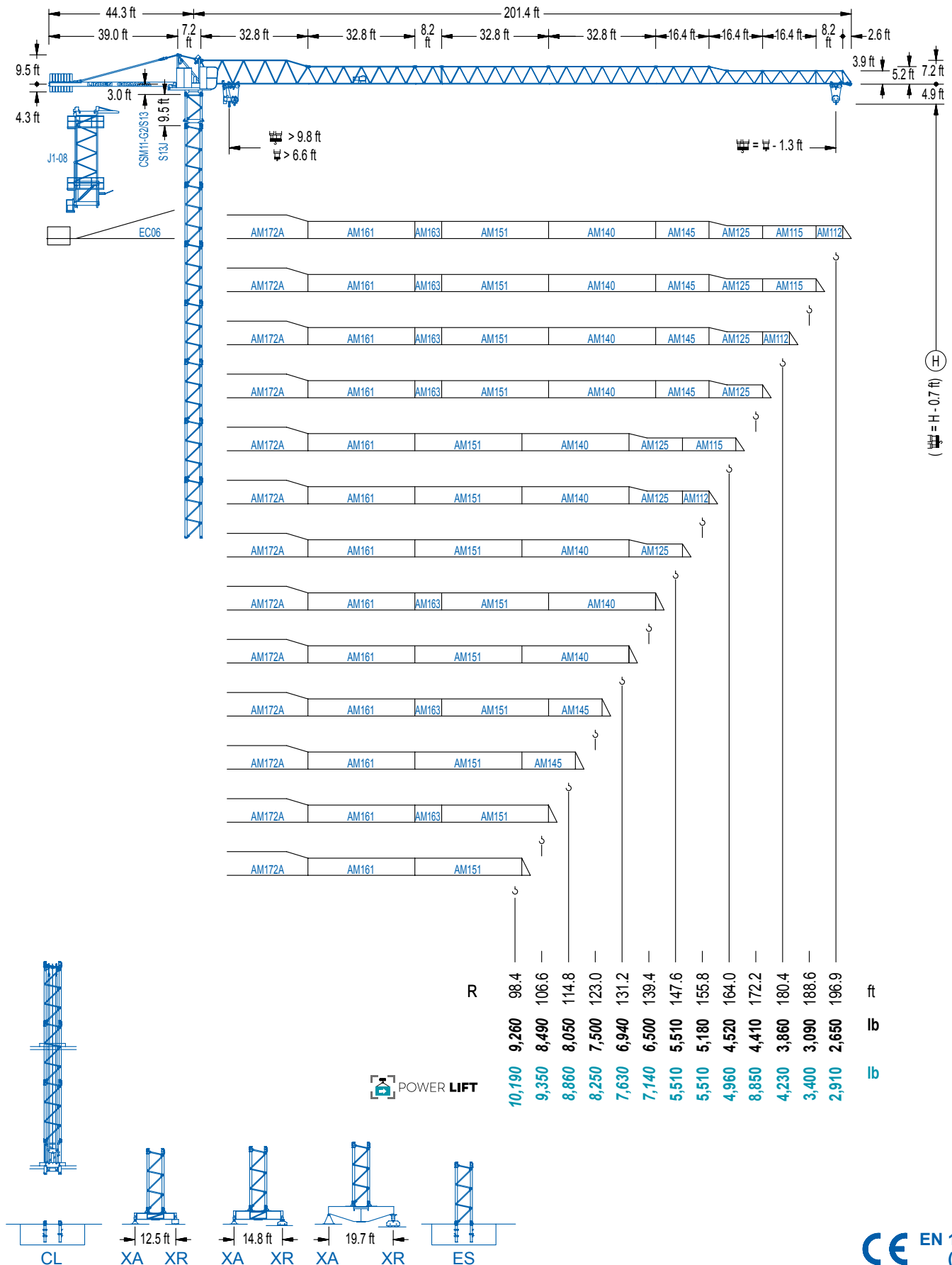


COMANSA

1100 Series

11 LC 132

11,020 lb



1100 Series

DIAGRAMA DE CARGAS

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

R (ft)																			
196.9	55.8 11,020	65.6 9,020	72.2 8,000	85.3 6,460	91.9 5,840	96.1 5,510	108.9 5,510	114.8 5,180	123.0 4,760	131.2 4,410	139.4 4,100	147.6 3,810	155.8 3,570	164.0 3,350	172.2 3,150	180.4 2,950	188.6 2,800	196.9 2,650	ft lb
188.6	59.7 11,020	65.6 9,830	72.2 8,750	85.3 7,080	91.9 6,440	98.4 5,890	103.3 5,510	117.5 5,510	123.0 5,200	131.2 4,830	139.4 4,500	147.6 4,190	155.8 3,920	164.0 3,680	172.2 3,460	180.4 3,260	188.6 3,090	ft lb	
180.4	67.9 11,020	72.2 10,230	85.3 8,330	91.9 7,610	98.4 6,970	105.0 6,390	114.8 5,690	117.5 5,510	133.9 5,510	139.4 5,270	147.6 4,920	155.8 4,610	164.0 4,340	172.2 4,080	180.4 3,860	ft lb			
172.2		72.2 11,020	85.3 8,990	91.9 8,200	98.4 7,520	105.0 6,920	114.8 6,170	121.4 5,730	125.0 5,510	142.7 5,510	147.6 5,290	155.8 4,960	164.0 4,670	172.2 4,410	ft lb				
164.0		70.2 11,020	85.3 8,690	91.9 7,910	98.4 7,250	105.0 6,680	114.8 5,930	121.4 5,510	138.8 5,510	139.4 5,470	147.6 5,110	155.8 4,810	164.0 4,520	ft lb					
155.8		74.5 11,020	85.3 9,350	91.9 8,530	98.4 7,830	105.0 7,230	114.8 6,440	121.4 5,970	128.0 5,580	129.3 5,510	148.0 5,510	155.8 5,180	ft lb						
147.6		74.1 11,020	85.3 9,330	91.9 8,510	98.4 7,800	105.0 7,210	114.8 6,420	121.4 5,970	128.0 5,560	128.9 5,510	147.6 5,510	ft lb							
139.4				90.2 11,020	98.4 9,920	105.0 9,170	114.8 8,200	121.4 7,650	131.2 6,940	138.1 6,500	ft lb								
131.2				89.2 11,020	98.4 9,790	105.0 9,060	114.8 8,110	121.4 7,560	129.9 6,940	ft lb									
123.0			88.6 11,020	91.9 10,580	98.4 9,720	105.0 8,990	114.8 8,050	121.7 7,500	ft lb										
114.8			87.6 11,020	91.9 10,410	98.4 9,570	105.0 8,860	113.5 8,050	ft lb											
106.6			85.0 11,020	91.9 10,010	98.4 9,220	105.3 8,490	ft lb												
98.4			84.0 11,020	91.9 9,900	97.1 9,260	ft lb													

(lb) 

11,020

5,510

 =  - 880 lb

(ft) 

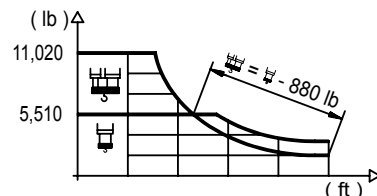


DIAGRAMA DE CARGAS POWERLIFT

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

R (ft)																			
196.9	58.4	72.2	78.7	85.3	91.9	98.4	100.7	117.1	123.0	131.2	139.4	147.6	155.8	164.0	172.2	180.4	188.6	196.9	ft
	11,020	8,490	7,610	6,880	6,240	5,690	5,510	5,510	5,200	4,810	4,480	4,170	3,900	3,660	3,440	3,260	3,090	2,910	lb
188.6	63.0	72.2	78.7	85.3	91.9	98.4	106.6	108.9	126.3	131.2	139.4	147.6	155.8	164.0	172.2	180.4	188.6		ft
	11,020	9,350	8,380	7,580	6,900	6,310	5,670	5,510	5,510	5,270	4,920	4,590	4,300	4,030	3,790	3,590	3,400		lb
180.4		71.9	78.7	85.3	91.9	98.4	106.6	114.8	123.0	124.7	144.4	147.6	155.8	164.0	172.2	180.4		ft	
		11,020	9,880	8,950	8,160	7,500	6,770	6,130	5,600	5,510	5,510	5,380	5,050	4,740	4,480	4,230		lb	
172.2		76.8	78.7	85.3	91.9	98.4	106.6	114.8	123.0	131.2	133.2	154.5	155.8	164.0	172.2		ft		
		11,020	10,690	9,700	8,860	8,130	7,360	6,700	6,130	5,620	5,510	5,510	5,470	5,140	4,850		lb		
164.0		74.8	78.7	85.3	91.9	98.4	106.6	114.8	123.0	128.0	129.6	149.9	155.8	164.0		ft			
		11,020	10,360	9,410	8,600	7,890	7,120	6,480	5,910	5,620	5,510	5,510	5,270	4,960		lb			
155.8			79.4	85.3	91.9	98.4	106.6	114.8	123.0	131.2	134.5	137.8	155.8		ft				
			11,020	10,120	9,260	8,510	7,690	7,010	6,420	5,890	5,710	5,510	5,510		lb				
147.6			79.7	85.3	91.9	98.4	106.6	114.8	123.0	131.2	138.1	147.6		ft					
			11,020	10,140	9,260	8,510	7,720	7,010	6,420	5,890	5,510	5,510		lb					
139.4					96.8	106.6	114.8	123.0	131.2	138.1									
					11,020	9,830	8,990	8,250	7,630	7,140									
131.2					96.1	106.6	114.8	123.0	129.9		ft								
					11,020	9,720	8,880	8,160	7,630		lb								
123.0					95.8	106.6	114.8	121.7			ft								
					11,020	9,700	8,860	8,250			lb								
114.8				94.8	98.4	106.6	113.5				ft								
				11,020	10,540	9,570	8,860				lb								
106.6				91.9	98.4	105.3					ft								
				11,020	10,140	9,350					lb								
98.4				90.9	97.1														
				11,020	10,190														

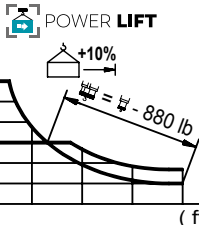
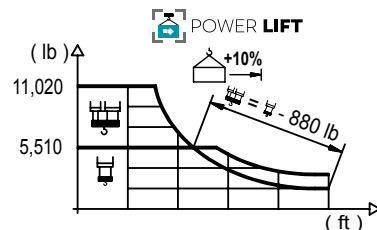


Diagram illustrating the power lift capacity of the forklift. The diagram shows a forklift lifting a load of 880 lb. The lift is labeled "POWER LIFT" and "10%". The forklift is labeled "880 lb".



MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

 1.080 ft		ES3-18-12			
		29 hp			
	ft/min	I	II	III	
	lb	32	126	252	
	ft/min	I	II	III	
	lb	16	63	126	
	ft/min	I	II	III	
	lb	11,020	11,020	5,730	

 1.080 ft		EFU2-18-12			
		24 hp			
	ft/min	I	II	III	
	lb	131	164	197	240
	ft/min	I	II	III	
	lb	68	82	98	125

MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

	CS2-1.9 3 hp		CFU-2.2 3 hp		GFU-5.5 2x 7.4 hp		TS2-5.5 2x 40 ft·lb	TRA-7.5 2x 55 ft·lb		TRA-7.5VC 2x 55 ft·lb
63 ft/min 189 ft/min		0 ⇔ 262 ft/min		0 ⇔ 0,7 rpm		78 ft/min			78 ft/min	
						1XR31 3XR51	5XR71		5XR71	

POTENCIA / POWER / PUISSANCE / LEISTUNG / POTENZA / МОЩНОСТЬ				Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Tensione di alimentazione / Напряжение источника питания		Generador / Generator / Générateur / Generator / Generatore / Генератор	
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				
ES3-18-12	CS2-1.9	(2x) GFU-5.5	(2x) TS2-5.5	480 V 3ph 60 Hz		115 kVA	
EFU2-18-12	CFU-2.2		(2x) TRA-7.5			65 kVA	

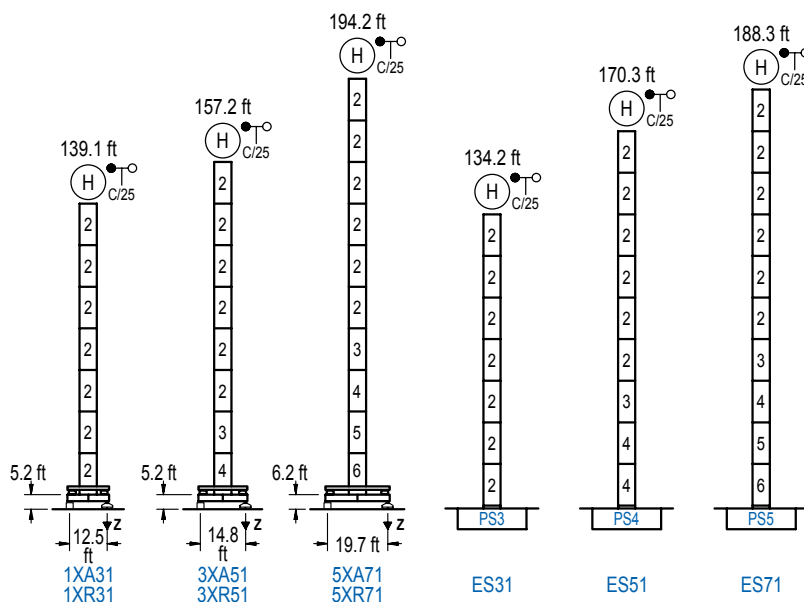
Opcional / Optional / En option / Kaufoption / Opzionale / Опционально

*

ALTURAS BAJO GANCHO

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

∅ 5.2 ft

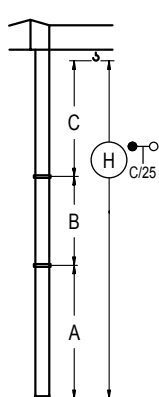


n°	Ref.	∅	h
2	S13	5.2	18.0
3	TS14	5.2	18.0
4	S14	5.2	18.0
5	TS15	5.2	18.0
6	S15	5.2	18.0
1x S13 = 1x S13M			
1x S15 = 1x S15M			

Z máx.	En servicio / In operation / En service / In Betrieb / In servizio / При работе	1XR31... 159 kip 3XR51... 152 kip 5XR71... 163 kip
	Fuera de servicio / Out of service / Hors service / Ausser Betrieb / Fuori servizio / В стационарном состоянии	1XR31... 185 kip 3XR51... 205 kip 5XR71... 243 kip

GRÚA ARRIOSTRADA

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

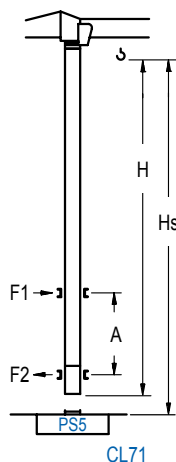


	1XA31	3XA51	5XA71
A max	95.5	113.5	150.6
A min	59.4	59.4	96.5
B max	72.8	72.8	72.8
B min	54.1	54.1	54.1
C max	115.8	115.8	115.8
H max	211.3	283.5	301.5

	ES31	ES51	ES71
A max	90.6	38.6	144.7
A min	54.5	72.5	90.6
B max	72.8	126.6	72.8
B min	54.1	54.1	54.1
C max	115.8	115.8	115.8
H max	206.4	278.5	314.6

GRÚA TREPADORA

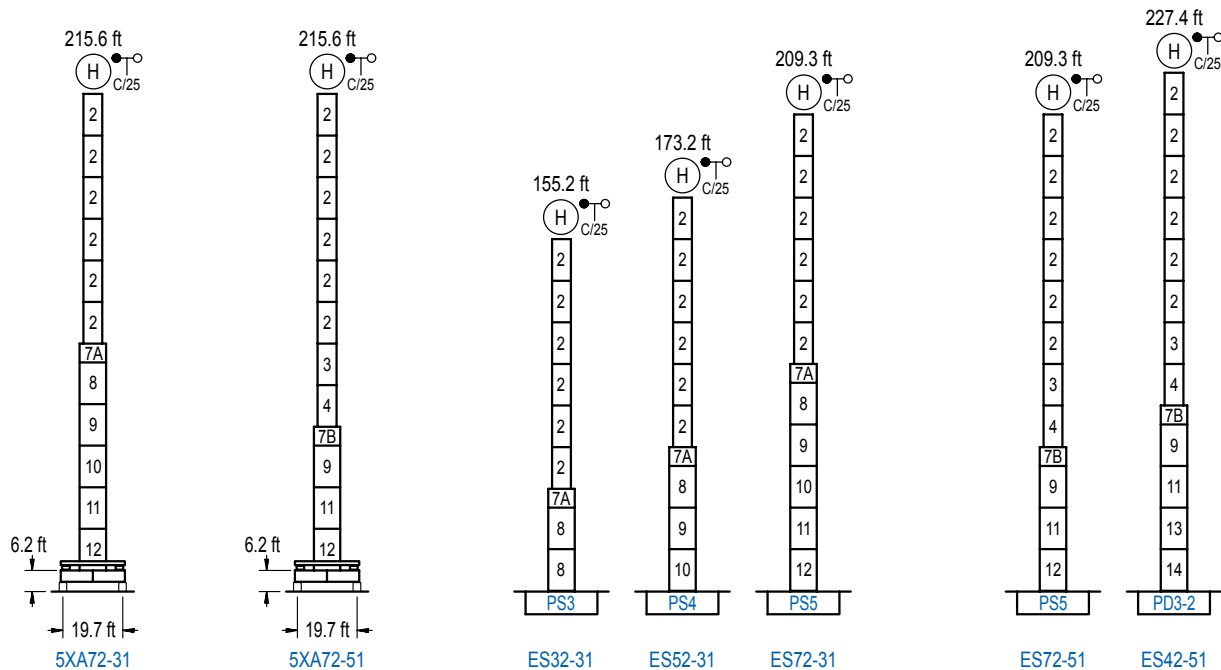
Internal climbing crane / Grue avec cage de télescopage intérieure / Kran mit klettern im Gebäude / Gru in rampante in cavedio / Кран с самоподъемом



	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	

n°	Ref.	∅	h
2	S13	5.2	18.0
3	TS14	5.2	18.0
5	TS15	5.2	18.0
23	CLS15-08	5.2	10.2
1x S13 = 1x S13M			

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



n°	Ref.	Ø	h	n°	Ref.	Ø	h	n°	Ref.	Ø	h
2	S13	5.2	18.0	7A	TMS23/PMS3	6.6	1.0	8	S23	6.6	18.0
3	TS14	5.2	18.0	7B	TMS23/PMS4	6.6	1.0	9	TS24	6.6	18.0
4	S14	5.2	18.0					10	S24	6.6	18.0
5	TS15	5.2	18.0					11	TS25	6.6	18.0
6	S15	5.2	18.0					12	S25	6.6	18.0
1x S13 = 1x S13M								13	TD23A	6.6	18.0
1x S15 = 1x S15M								14	D23	6.6	18.0
								1x S25 = 1x S25M			

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