

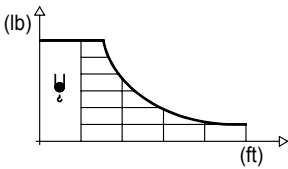




DIAGRAMA DE CARGAS

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

R (ft)	ψ	RCmax (ft)	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						5,510	4,980	4,410	3,970	3,570	3,260	3,000	2,760	2,540	2,360	2,200	
139.4	68.9						5,510	5,090	4,520	4,060	3,660	3,350	3,060	2,820	2,600	2,430		
131.2	71.9						5,510	5,360	4,760	4,280	3,860	3,530	3,220	2,980	2,760			
123.0	78.7							5,510	5,250	4,720	4,280	3,900	3,660	3,310				
114.8	77.8							5,510	5,180	4,650	4,210	3,840	3,530					
106.6	79.7							5,510	5,340	4,810	4,340	3,970						
98.4	80.7							5,510	5,420	4,870	4,410							
90.2	82.0								5,510	4,960								
82.0	82.0								5,510									
73.8	73.8							5,510										
65.6	65.6						5,510											



R (ft)	ψ/ψψ	RCmax (ft)	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	36.4	11,020	9,610	7,780	6,500	5,580	4,850	4,250	3,790	3,400	3,060	2,800	2,560	2,340	2,160	1,980		
139.4	37.1	11,020	9,790	7,960	6,660	5,690	4,940	4,370	3,880	3,480	3,150	2,870	2,600	2,400	2,200			
131.2	38.4	11,020	10,270	8,330	6,990	5,970	5,200	4,590	4,080	3,660	3,310	3,020	2,760	2,540				
123.0	42.0	11,020	10,270	9,170	7,690	6,590	5,750	5,070	4,520	4,080	3,700	3,370	3,090					
114.8	41.3	11,020	9,020	7,560	6,480	5,640	4,980	4,450	4,010	3,640	3,310							
106.6	42.3	11,020	9,280	7,780	6,680	5,820	5,140	4,590	4,140	3,750								
98.4	42.7	11,020	9,410	7,890	6,770	5,910	5,200	4,650	4,190									
90.2	43.3	11,020	9,570	8,020	6,880	6,000	5,310	4,740										
82.0	43.3	11,020	9,550	8,000	6,860	6,000	5,290											
73.8	41.7	11,020	9,150	7,670	6,570	5,730												
65.6	42.0	11,020	9,190	7,720	6,610													

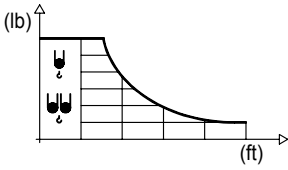
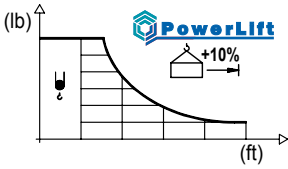


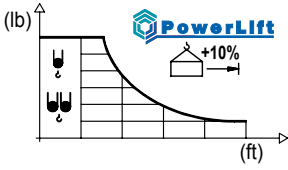
DIAGRAMA DE CARGAS POWERLIFT

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

R (ft)	ψ	RCmax (ft)	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	72.8						5,510	5,420	4,830	4,320	3,920	3,570	3,260	3,020	2,800	2,600	2,430	
139.4	74.4							5,510	4,940	4,430	4,010	3,660	3,350	3,090	2,870	2,670		
131.2	77.7							5,510	5,180	4,650	4,210	3,840	3,530	3,260	3,020			
123.0	85.3								5,510	5,180	4,700	4,280	3,950	3,640				
114.8	84.2								5,510	5,090	4,630	4,230	3,880					
106.6	86.7								5,510	5,270	4,780	4,370						
98.4	87.8								5,510	5,360	4,850							
90.2	89.2								5,510	5,450								
82.0	82.0								5,510									
73.8	73.8							5,510										
65.6	65.6						5,510											



R (ft)	ψ/ψψ	RCmax (ft)	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	38.8	11,020	10,340	8,400	7,030	6,020	5,250	4,630	4,120	3,700	3,350	3,040	2,780	2,560	2,360	2,180		
139.4	39.6	11,020	10,580	8,600	7,190	6,170	5,380	4,740	4,210	3,790	3,440	3,130	2,870	2,620	2,430			
131.2	41.2	11,020	8,990	7,540	6,460	5,640	4,980	4,430	3,990	3,620	3,310	3,020	2,780					
123.0	45.0	11,020	9,960	8,380	7,190	6,260	5,560	4,960	4,450	4,060	3,700	3,400						
114.8	44.4	11,020	9,810	8,250	7,080	6,170	5,470	4,870	4,390	3,990	3,640							
106.6	45.6	11,020	10,120	8,510	7,300	6,370	5,640	5,030	4,540	4,120								
98.4	46.2	11,020	10,270	8,620	7,410	6,460	5,710	5,110	4,610									
90.2	46.9	11,020	10,430	8,770	7,540	6,570	5,820	5,200										
82.0	46.9	11,020	10,430	8,800	7,540	6,570	5,820											
73.8	45.2	11,020	10,030	8,420	7,230	6,310												
65.6	45.5	11,020	10,100	8,470	7,280													



MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

ES3-18-12
29 hp

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

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

ES3-13-12
21 hp

	I	II	III
ft/min	24	94	189
lb	5,510	2,500	2,870

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

EFU2-18-12
24 hp

5,510	4,410	3,310	2,200	
ft/min	88	104	197	243

11,020	8,820	6,610	4,410	
ft/min	88	88	88	121

EFU2-11-12
15 hp

5,510	4,410	3,310	2,200		
ft/min	79	98	131	164	190

11,020	8,820	6,610	4,410		
ft/min	88	49	66	82	95



MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

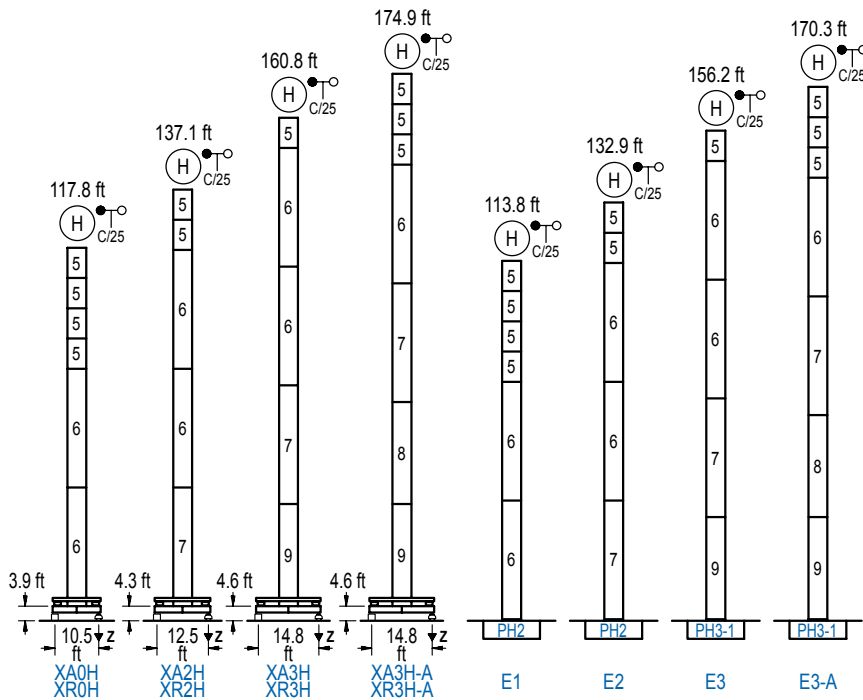
		CS2-1.9			CFU-2.2				GR-7.5				TS2-3.0	TS2-4.5	TS2-5.5
		3 hp			3 hp				55 ft-lb				2x 22 ft-lb	2x 33 ft-lb	2x 40 ft-lb
63 ft/min 189 ft/min				0 ⇨ 262 ft/min				0 ⇨ 0,8 rpm					0 ⇨ 78 ft/min		
													XR0H	XR2H	XR3H XR3H-A

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		 Opcional / Optional / En option / Kaufoption / Opzionale / Опционально	
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					
ES3-18-12		CS2-1.9		GR-7.5		(2x) TS2-3.0		107 kVA			
ES3-13-12		CFU-2.2				(2x) TS2-4.5		90 kVA			
EFU2-18-12						(2x) TS2-5.5		60 kVA			
EFU2-11-12								48 kVA			

ALTURAS BAJO GANCHO

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

3.9 ft



n°	Ref.	h	h
5	MH121	3.9	9.8
6	MH124-1	3.9	38.7
7	MH124A	3.9	38.7
8	MT123A	3.9	33.1
9	MT123	3.9	33.1

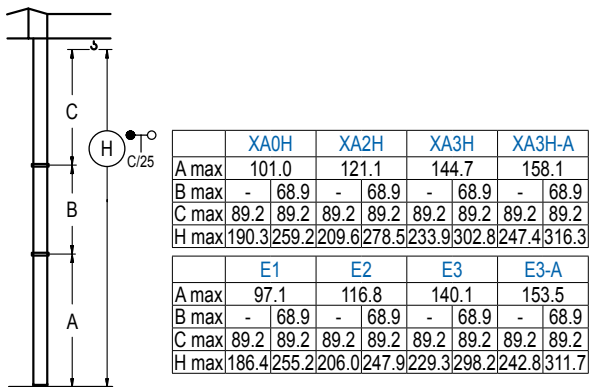
MH124-1 = 4x MH121 - 0.7 ft

	H = H + 0.7 ft
	H = H
	H = H
	H = H - 0.7 ft

Z max.	En servicio / In operation / En service / In Betrieb / In servizio / При работе	XR0H 95 kip XR2H 93 kip XR3H 101 kip XR3H-A. 112 kip
	Fuera de servicio / Out of service / Hors service / Ausser Betrieb / Fuori servizio / В стационарном состоянии	XR0H 110 kip XR2H 137 kip XR3H 159 kip XR3H-A. 187 kip

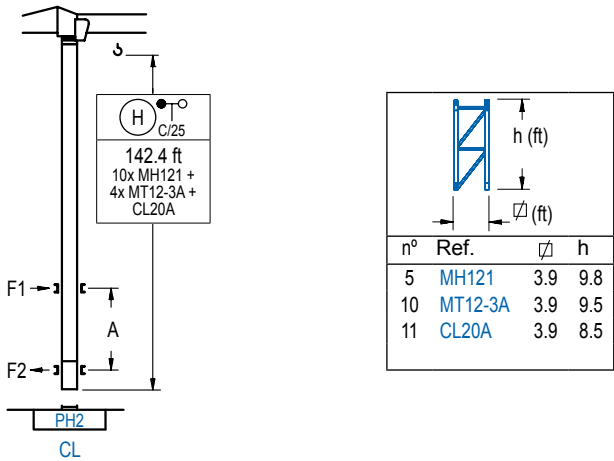
GRÚA ARRIOSTRADA

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



GRÚA TREPADORA

Internal climbing crane / Grue avec cage de télescopage intérieure / Kran mit klettern im Gebäude / Gru in rampante in cavedio / Монтажная клеть



Otras zonas de viento, alturas superiores, arriostros 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

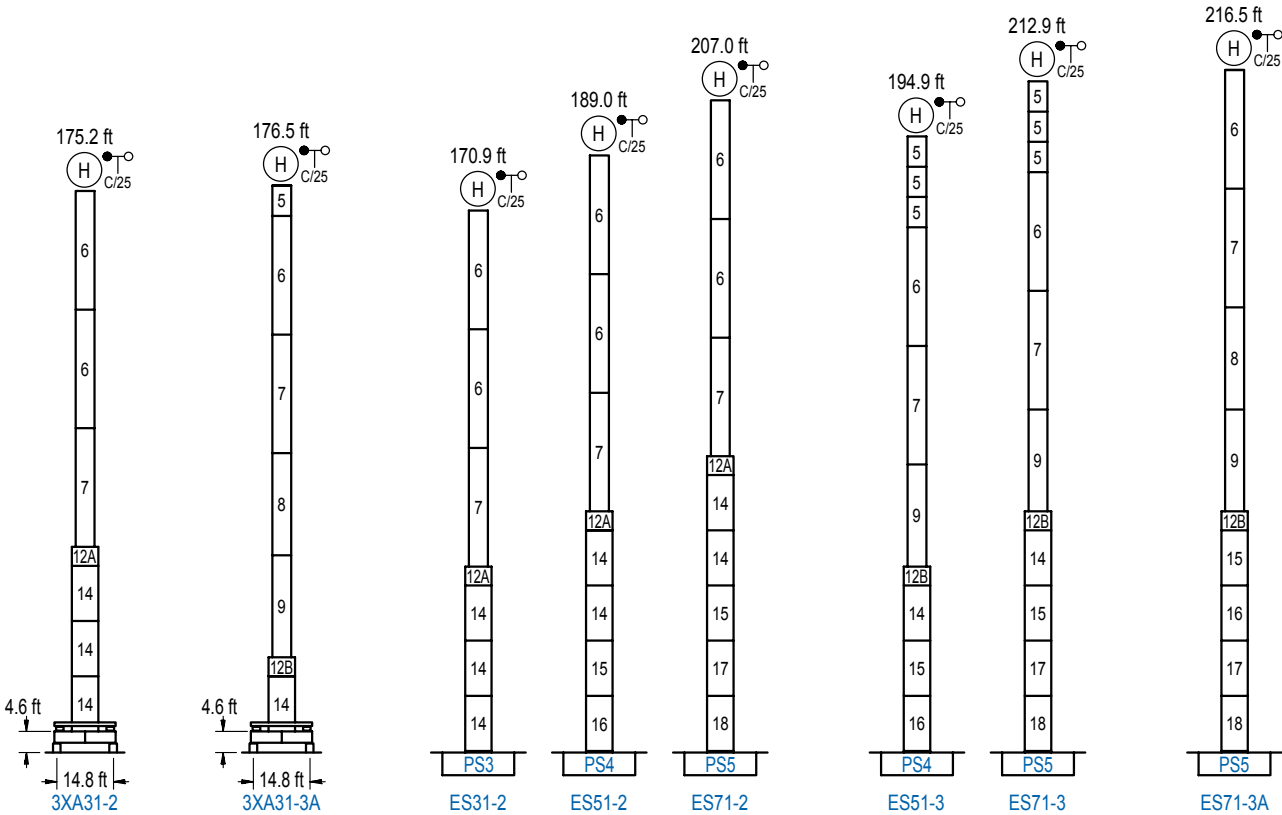


ALTURAS ESPECIALES

Special heights / Spéciaux hauteurs / Extra Höhen / Conformazioni raccordate per altezze speciali / Для специальной высоты

Ø 5.2 ft

LC 500



n°	Ref.	Ø	h	n°	Ref.	Ø	h	n°	Ref.	Ø	h
5	MH121	3.9	9.8	12A	TMS13/PMH12	5.2	3.3	14	S13	5.2	18.0
6	MH124-1	3.9	38.7	12B	TMS13/PMH13	5.2	3.3	15	TS14	5.2	18.0
7	MH124A	3.9	38.7					16	S14	5.2	18.0
8	MT123A	3.9	33.1					17	TS15	5.2	18.0
9	MT123	3.9	33.1					18	S15	5.2	18.0
MH124-1 = 4x MH121 - 0.7 ft											

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 ветреных зонах о при большой высоте проконсультируйтесь с нами



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