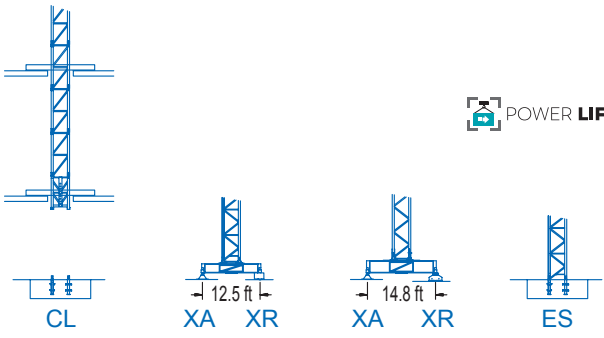


R	ft	lb
98.4	6,060	
114.8	5,070	
123.0	4,980	
131.2	4,610	
139.4	4,120	
147.6	3,640	
155.8	3,150	
164.0	2,910	
172.2	2,430	

**POWER LIFT**

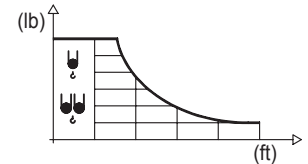


1100 Series

## DIAGRAMA DE CARGAS

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

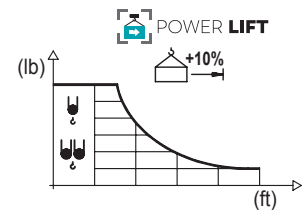
R (ft)	☺					☹											
172.2	49.5 11,020	55.8 9,570	65.6 7,890	72.2 7,030	82.0 6,020	88.3 5,510	98.4 4,780	105.0 4,410	114.8 3,920	123.0 3,570	131.2 3,280	139.4 3,020	147.6 2,780	155.8 2,560	164.0 2,380	172.2 2,200	ft lb
164.0		53.1 11,020	65.6 8,580	72.2 7,670	82.0 6,570	88.6 5,970	94.8 5,510	105.0 4,850	114.8 4,320	123.0 3,950	131.2 3,620	139.4 3,330	147.6 3,090	155.8 2,840	164.0 2,650	ft lb	
155.8		53.1 11,020	65.6 8,620	72.2 7,690	82.0 6,610	88.6 6,020	95.1 5,510	105.0 4,870	114.8 4,340	123.0 3,970	131.2 3,640	139.4 3,350	147.6 3,090	155.8 2,870	ft lb		
147.6		55.8 11,020	65.6 9,100	72.2 8,160	82.0 6,990	88.6 6,370	99.7 5,510	105.0 5,160	114.8 4,610	123.0 4,210	131.2 3,880	139.4 3,570	147.6 3,310	ft lb			
139.4		57.7 11,020	65.6 9,480	72.2 8,490	82.0 7,300	88.6 6,660	98.4 5,840	103.3 5,510	114.8 4,830	123.0 4,410	131.2 4,060	139.4 3,750	ft lb				
131.2		59.1 11,020	65.6 9,740	72.2 8,730	82.0 7,500	88.6 6,830	98.4 6,020	105.6 5,510	114.8 4,960	123.0 4,540	131.2 4,190	ft lb					
123.0		58.7 11,020	65.6 9,700	72.2 8,660	82.0 7,450	88.6 6,790	98.4 5,970	105.0 5,510	114.8 4,940	123.0 4,520	ft lb						
114.8		60.0 11,020	65.6 9,920	72.2 8,880	82.0 7,650	88.6 6,970	98.4 6,130	107.3 5,510	114.8 5,070	ft lb							
98.4		59.4 11,020	65.6 9,810	72.2 8,770	82.0 7,560	88.6 6,880	98.4 6,060	ft lb									



## DIAGRAMA DE CARGAS POWERLIFT

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

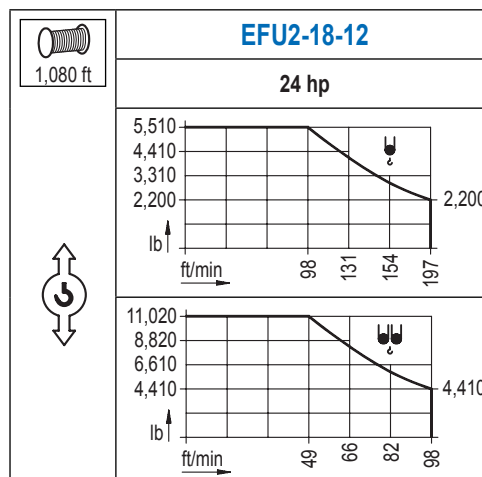
R (ft)	☺					☹											
172.2	52.5 11,020	55.8 10,270	65.6 8,490	72.2 7,580	82.0 6,480	93.8 5,510	98.4 5,180	105.0 4,780	114.8 4,250	123.0 3,880	131.2 3,570	139.4 3,280	147.6 3,040	155.8 2,800	164.0 2,600	172.2 2,430	ft lb
164.0		56.4 11,020	65.6 9,260	72.2 8,270	82.0 7,100	88.6 6,480	101.0 5,510	105.0 5,250	114.8 4,700	123.0 4,300	131.2 3,950	139.4 3,640	147.6 3,370	155.8 3,130	164.0 2,910	ft lb	
155.8		56.8 11,020	65.6 9,330	72.2 8,330	82.0 7,160	88.6 6,530	101.7 5,510	105.0 5,290	114.8 4,720	123.0 4,320	131.2 3,970	139.4 3,660	147.6 3,400	155.8 3,150	ft lb		
147.6		59.7 11,020	72.2 8,840	82.0 7,610	88.6 6,920	98.4 6,110	107.0 5,510	114.8 5,050	123.0 4,610	131.2 4,250	139.4 3,920	147.6 3,640	ft lb				
139.4		62.0 11,020	72.2 9,220	82.0 7,940	88.6 7,250	98.4 6,390	105.0 5,910	110.9 5,510	123.0 4,850	131.2 4,450	139.4 4,120	ft lb					
131.2		63.3 11,020	72.2 9,500	82.0 8,180	88.6 7,470	98.4 6,570	105.0 6,080	113.8 5,510	123.0 5,000	131.2 4,610	ft lb						
123.0		63.3 11,020	72.2 9,460	82.0 8,130	88.6 7,430	98.4 6,550	105.0 6,040	113.2 5,510	123.0 4,980	ft lb							
114.8		64.6 11,020	72.2 9,700	82.0 8,360	88.6 7,630	98.4 6,720	105.0 6,220	114.8 5,580	ft lb								
98.4		64.3 11,020	72.2 9,610	82.0 8,290	88.6 7,560	98.4 6,660	ft lb										



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

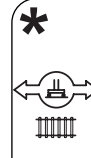


## MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

	<b>CFU-2.2</b>
	<b>3 hp</b>
0 ⇔ 262 ft/min	

	<b>GFU-5.5</b>
	<b>2x 7.4 hp</b>
0 ⇔ 0,7 rpm	

	<b>TS2-4.5</b>	<b>TS2-5.5</b>
	<b>2x 33 ft·lb</b>	<b>2x 40 ft·lb</b>
	78 ft/min	
	<b>XR2H</b>	<b>XR3H</b>

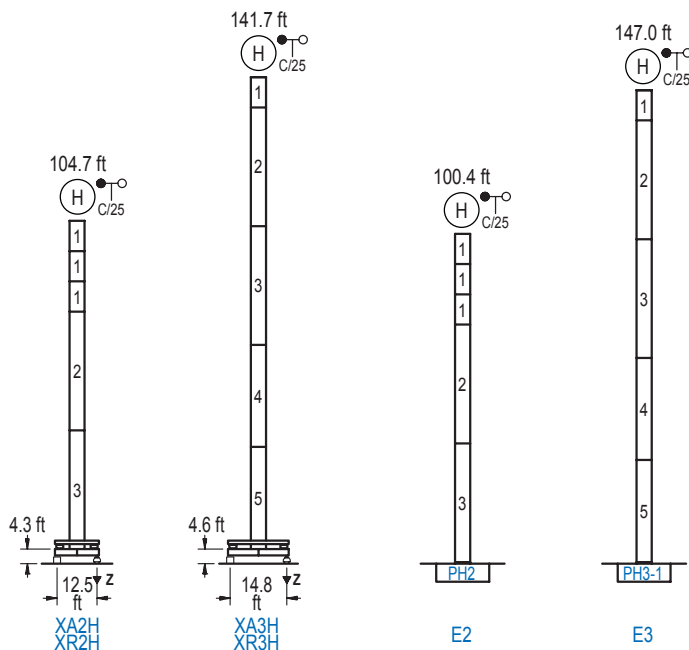
Elevación / Hoist / Levege / Hub / Sollevamento / Тип механизма (подъем)	Carro / Trolley / Chariot / Laufkatze / Carrelo / Грузовая тележка	Giro / Slewing / Rotation / Drehbewegung / Rotazione / Поворот	Traslación / Travel / Translation / Verfahrbewegung / Traslazione / Ход	Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Tensione di alimentazione / Напряжение источника питания	Potencia requerida / Required power / Puissance requise / Benötigte Leistung / Potenza richiesta / требуемая мощность
EFU2-18-12	CFU-2.2	(2x) GFU-5.5	(2x) TS2-4.5 (2x) TS2-5.5	480 V 3ph 60 Hz	29 kVA


Opicional / Optional / En option / Kaufoption / Opzionale / Опционально
<b>*</b>





## ALTURAS BAJO GANCHO

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

∅ 3.9 ft



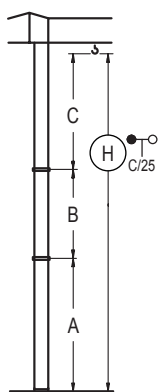
	n°	Ref.	∅	h
	1	MH121	3.9	9.8
	2	MH124-1	3.9	38.7
	3	MH124A	3.9	38.7
	4	MT123A	3.9	33.1
	5	MT123	3.9	33.1
MH124-1 = 4x MH121 - 0.7 ft				

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

<b>Z máx.</b>	En servicio / In operation / En service / In Betrieb / In servizio / При работе	XR2H..... 95 kip XR3H..... 112 kip
	Fuera de servicio / Out of service / Hors service / Ausser Betrieb / Fuori servizio / В стационарном состоянии	XR2H..... 93 kip XR3H... 165 kip

## GRÚA ARRIOSTRADA

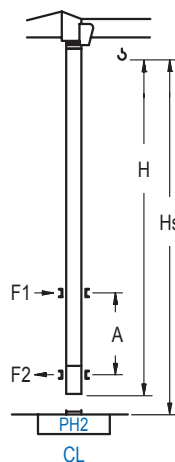
Braced crane / Grue à entretoisement / Abgespannter Kran / Gru ancorata / Нарастиваемый кран





	XA2H		XA3H	
A max	91.5		139.1	
A min	62.7		109.6	
B max	-	59.1	-	59.1
B min		39.4		39.4
C max	75.8	75.8	75.8	75.8
H max	167.3	226.4	214.9	274.0
	E2		E3	
A max	87.3		134.5	
A min	58.4		105.0	
B max	-	59.1	-	59.1
B min		39.4		39.4
C max	75.8	75.8	75.8	75.8
H max	163.1	222.1	210.3	269.4

## GRÚA TREPADORA

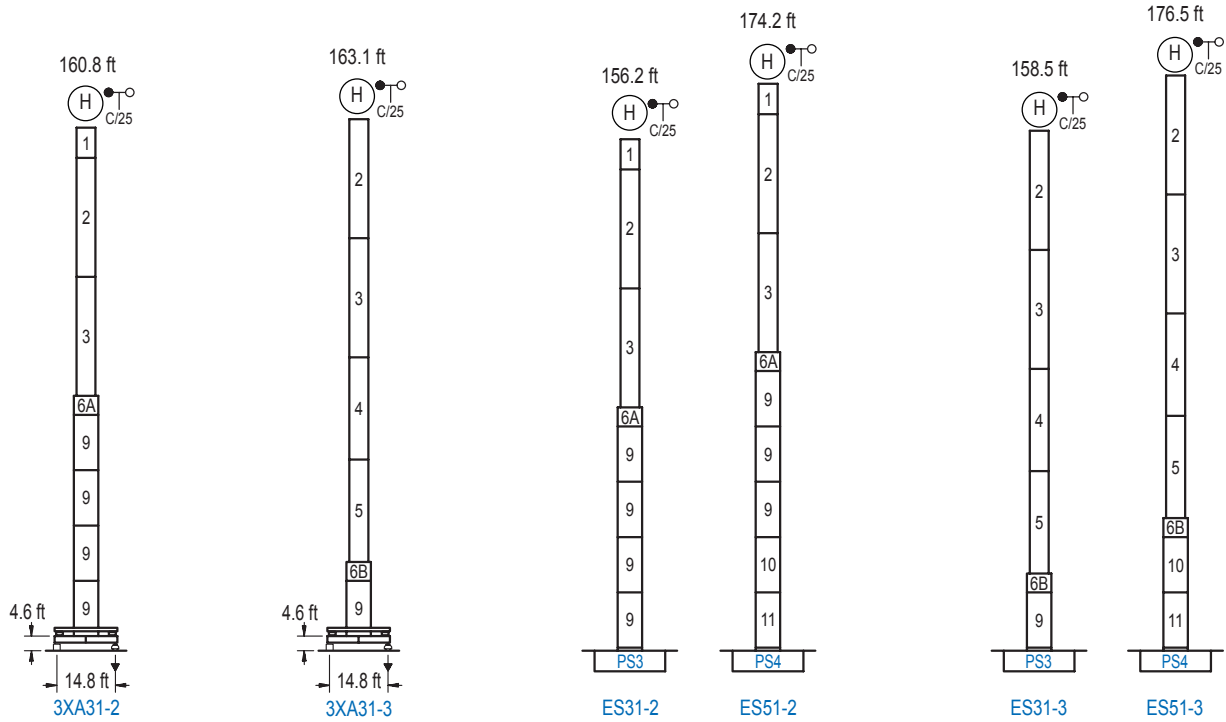
Internal climbing crane / Grue avec cage de télescopage intérieure / Kran mit klettern im Gebäude / Gru in rampante in cavedio / Кран с самоподъемом



	Hs < 980 ft	
	A max (ft)	A min (ft)
<b>99.1 ft</b> 6x MH121 + 4x MT12-3A + CL20A	39.4	19.7
<b>89.2 ft</b> 5x MH121 + 4x MT12-3A + CL20A	32.8	19.7
<b>79.4 ft</b> 4x MH121 + 4x MT12-3A + CL20A	27.9	16.4

	h (ft)
	∅ (ft)
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 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.	∅	h	n°	Ref.	∅	h	n°	Ref.	∅	h
1	MH121	3.9	3.0	6A	TMS13/PMH12	5.2	3.3	9	S13	5.2	18.0
2	MH124-1	3.9	38.7	6B	TMS13/PMH13	5.2	3.3	10	TS14	5.2	18.0
3	MH124A	3.9	38.7					11	S14	5.2	18.0
4	MT123A	3.9	33.1					12	TS15	5.2	18.0
5	MT123	3.9	33.1					13	S15	5.2	18.0
								1x S13 = 1x S13M 1x S15 = 1x S15M			
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 ветренных зонах о при большой высоте проконсультируйтесь с нами