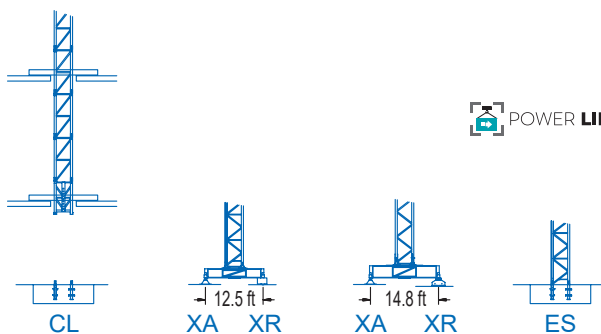


R	ft	lb
98.4	6,060	
114.8	5,070	
123.0	4,980	
131.2	4,610	
139.4	4,120	
147.6	3,640	
155.8	3,150	
164.0	2,910	
172.2	2,430	

**POWER LIFT**

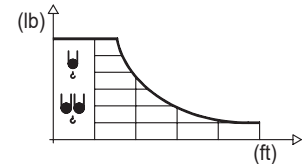


1100 Series

## DIAGRAMA DE CARGAS

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

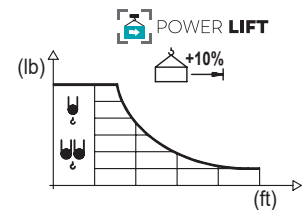
R (ft)	👤				👤													
172.2	42.3	49.2	55.8	65.6	76.1	82.0	88.6	98.4	105.0	114.8	123.0	131.2	139.4	147.6	155.8	164.0	172.2	ft
	13,230	11,070	9,570	7,890	6,610	6,020	5,470	4,780	4,410	3,920	3,570	3,280	3,020	2,780	2,560	2,380	2,200	lb
164.0	45.3	49.2	55.8	65.6	72.2	81.7	88.6	98.4	105.0	114.8	123.0	131.2	139.4	147.6	155.8	164.0	ft	
	13,230	12,020	10,380	8,580	7,670	6,610	5,970	5,250	4,850	4,320	3,950	3,620	3,330	3,090	2,840	2,650	lb	
155.8	45.6	49.2	55.8	65.6	72.2	82.0	88.6	98.4	105.0	114.8	123.0	131.2	139.4	147.6	155.8	ft		
	13,230	12,060	10,430	8,620	7,690	6,610	6,020	5,270	4,870	4,340	3,970	3,640	3,350	3,090	2,870	lb		
147.6	47.6	55.8	65.6	72.2	82.0	86.0	98.4	105.0	114.8	123.0	131.2	139.4	147.6	ft				
	13,230	11,020	9,100	8,160	6,990	6,610	5,600	5,160	4,610	4,210	3,880	3,570	3,310	lb				
139.4	49.2	55.8	65.6	72.2	82.0	88.9	98.4	105.0	114.8	123.0	131.2	139.4	ft					
	13,230	11,460	9,480	8,490	7,300	6,610	5,840	5,400	4,830	4,410	4,060	3,750	lb					
131.2	50.5	55.8	65.6	72.2	82.0	91.2	98.4	105.0	114.8	123.0	131.2	ft						
	13,230	11,770	9,740	8,730	7,500	6,610	6,020	5,560	4,960	4,540	4,190	lb						
123.0	50.2	55.8	65.6	72.2	82.0	90.6	98.4	105.0	114.8	123.0	ft							
	13,230	11,680	9,700	8,660	7,450	6,610	5,970	5,510	4,940	4,520	lb							
114.8	51.2	55.8	65.6	72.2	82.0	92.5	98.4	105.0	114.8	ft								
	13,230	11,990	9,920	8,880	7,650	6,610	6,130	5,670	5,070	lb								
98.4	50.9	55.8	65.6	72.2	82.0	91.5	98.4	ft										
	13,230	11,860	9,810	8,770	7,560	6,610	6,060	lb										



## DIAGRAMA DE CARGAS POWERLIFT

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

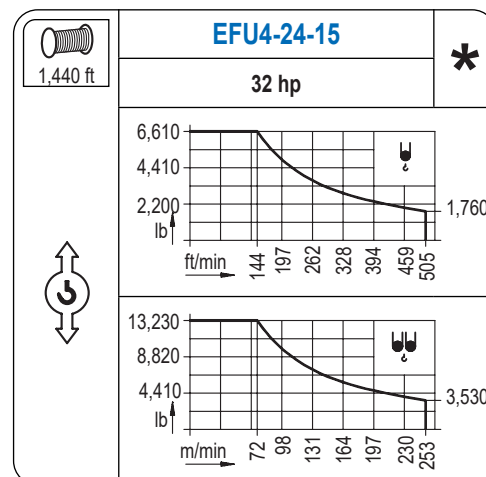
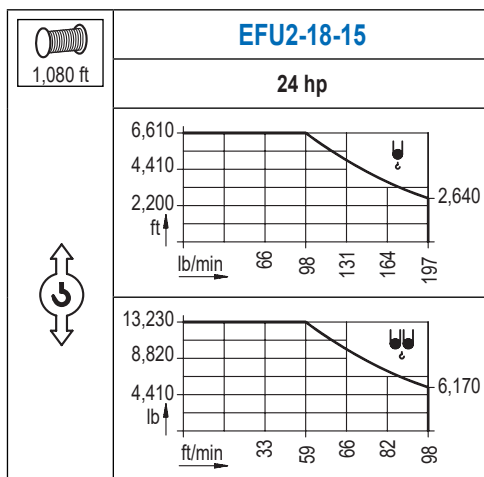
R (ft)	👤				👤													
172.2	44.9	49.2	55.8	65.6	75.5	80.7	91.9	98.4	105.0	114.8	123.0	131.2	139.4	147.6	155.8	164.0	172.2	ft
	13,230	11,860	10,270	8,490	7,190	6,610	5,640	5,180	4,780	4,250	3,880	3,570	3,280	3,040	2,800	2,600	2,430	lb
164.0	48.2	55.8	65.6	75.5	86.9	91.9	98.4	105.0	114.8	123.0	131.2	139.4	147.6	155.8	164.0	ft		
	13,230	11,180	9,260	7,850	6,610	6,190	5,690	5,250	4,700	4,300	3,950	3,640	3,370	3,130	2,910	lb		
155.8	48.6	55.8	65.6	75.5	87.6	91.9	98.4	105.0	114.8	123.0	131.2	139.4	147.6	155.8	ft			
	13,230	11,270	9,330	7,910	6,610	6,240	5,730	5,290	4,720	4,320	3,970	3,660	3,400	3,150	lb			
147.6	50.9	55.8	65.6	75.5	82.0	92.2	98.4	105.0	114.8	123.0	131.2	139.4	147.6	ft				
	13,230	11,900	9,880	8,380	7,610	6,610	6,110	5,640	5,050	4,610	4,250	3,920	3,640	lb				
139.4	52.8	65.6	75.5	82.0	91.9	95.5	105.0	114.8	123.0	131.2	139.4	ft						
	13,230	10,300	8,750	7,940	6,940	6,610	5,910	5,290	4,850	4,450	4,120	lb						
131.2	54.1	65.6	75.5	82.0	91.9	98.1	105.0	114.8	123.0	131.2	ft							
	13,230	10,600	9,020	8,180	7,140	6,610	6,080	5,450	5,000	4,610	lb							
123.0	53.8	65.6	75.5	82.0	91.9	97.4	105.0	114.8	123.0	ft								
	13,230	10,560	8,970	8,130	7,100	6,610	6,040	5,420	4,980	lb								
114.8	55.1	65.6	75.5	82.0	91.9	99.7	105.0	114.8	ft									
	13,230	10,820	9,220	8,360	7,320	6,610	6,220	5,580	lb									
98.4	54.8	65.6	75.5	82.0	91.9	98.4	ft											
	13,230	10,740	9,130	8,290	7,250	6,660	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

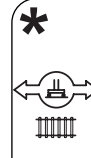


## MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

	<b>CFU-4.0</b>
	<b>5.4 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>

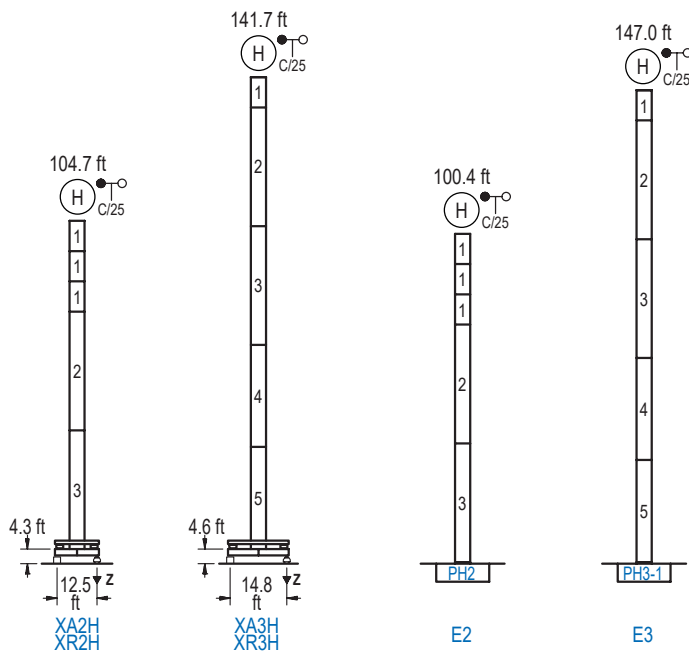
Elevación / Hoist / Levege / Hub / Sollevamento / Тип механизма (подъем)	Carro / Trolley / Chariot / Laufkatze / Carrelo / Грузовая тележка	Giro / Slewing / Rotation / Drehbewegung / Rotazione / Поворот	Traslación / Travel / Translation / Verfahrbewegung / Traslazione / Ход	Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Tensione di alimentazione / Напряжение источника питания	Potencia requerida / Required power / Puissance requise / Benötigte Leistung / Potenza richiesta / требуемая мощность
EFU2-18-15	CFU-4.0	(2x) GFU-5.5	(2x) TS2-4.5	480 V 3ph 60 Hz	29 kVA
EFU4-24-15					36 kVA

Opcional / 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

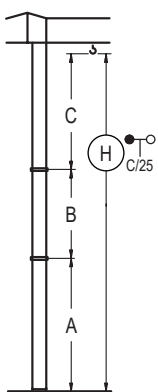
MH124-1 = 4x MH121 - 0.7 ft

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

Z máx.	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



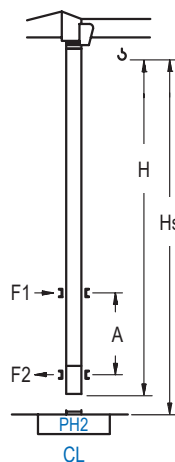
	XA2H		XA3H	
A max	91.5		139.1	
A min	62.7		109.6	
B max	-	59.1	-	59.1
B min	-	39.4	-	39.4
C max	75.8	75.8	75.8	75.8
H max	167.3	226.4	214.9	274.0


  

	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

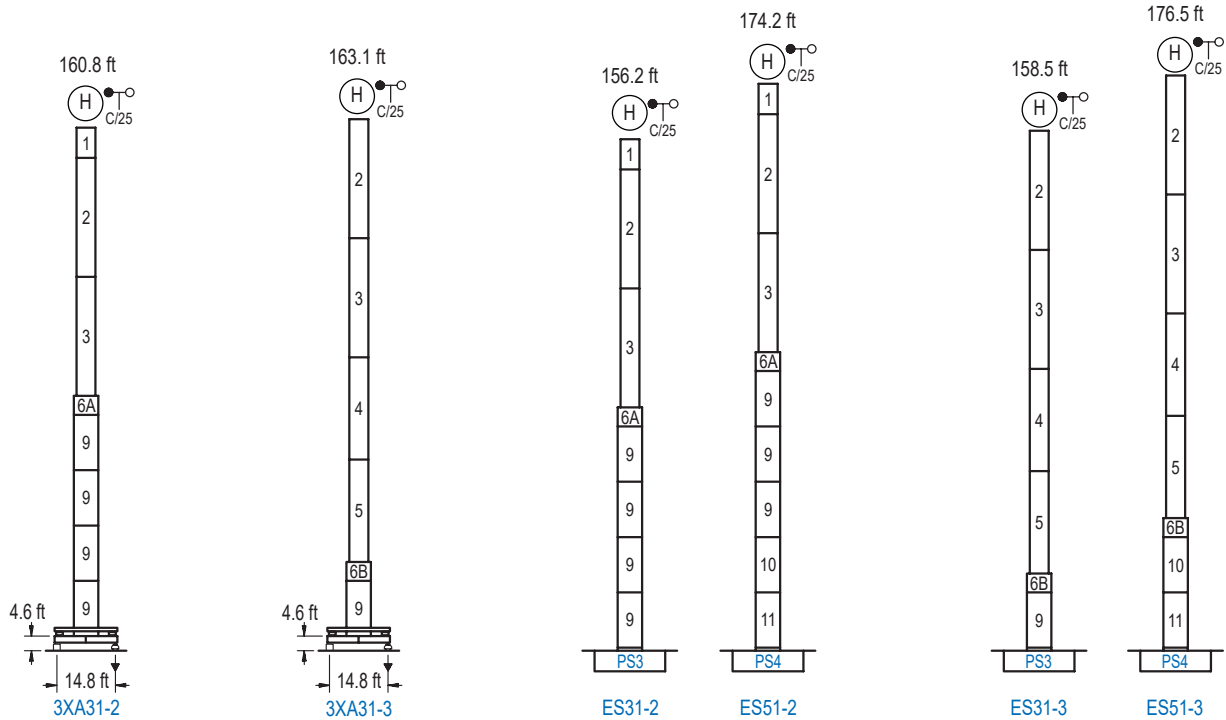
Internal climbing crane / Grue avec cage de télescopage intérieure / Kran mit klettern im Gebäude / Gru in rampante in cavedio / Кран с самоподъемом



	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

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
MH124-1 = 4x MH121 - 0.7 ft								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