



11,020 lb


$$w/w_w = H - 1.6 \text{ ft} \quad \textcircled{\text{H}}$$

PowerLift





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	155.8	164.0	↔(ft) ↓(lb)
164.0	74.8							5,510	4,980	4,450	4,030	3,680	3,370	3,110	2,890	2,690	2,510	2,360	2,200	
155.8	76.8							5,510	5,110	4,610	4,170	3,790	3,480	3,220	2,980	2,780	2,580	2,420		
147.6	78.1							5,510	5,220	4,690	4,250	3,880	3,550	3,280	3,040	2,820	2,640			
139.4	88.9								5,510	5,420	4,910	4,500	4,140	3,810	3,550	3,310				
131.2	88.6								5,510	5,400	480	4,470	4,120	3,790	3,530					
123.0	89.9								5,510	5,490	4,960	4,540	4,170	3,860						
114.8	94.2									5,510	5,250	4,780	4,410							
106.6	95.1									5,510	5,310	4,850								
98.4	96.8									5,510	5,400									
90.2	90.2																			
82.0	82.0								5,510											
73.8	73.8							5,510												
65.6	65.6						5,510													

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	155.8	164.0	↔(ft) ↓(lb)
164.0	54.3							5,510	5,420	4,870	4,410	4,030	3,700	3,420	3,170	2,950	2,760	2,580	2,430	
155.8	55.8								5,510	5,030	4,540	4,140	3,810	3,530	3,260	3,040	2,840	2,670		
147.6	56.8								5,510	5,140	4,650	4,230	3,900	3,590	3,350	3,110	2,910			
139.4	64.9									5,510	5,400	4,940	4,540	4,190	3,900	3,640				
131.2	64.6									5,510	5,380	4,920	4,520	4,190	3,880					
123.0	65.4									5,510	5,450	4,980	4,590	4,230						
114.8	68.8										5,510	5,270	4,850							
106.6	69.6										5,510	5,340								
98.4	66.1																			
90.2	60.6									5,510										
82.0	55.1								5,510											
73.8	49.6							5,510												
65.6	44.1						5,510													

MECANISMOS

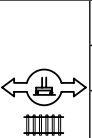
Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

ES3-18-12	ES3-13-12	EFU2-18-12	EFU2-11-12																																																
820 ft	740 ft	820 ft	740 ft																																																
29 hp	21 hp	24 hp	15 hp																																																
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MECANISMOS

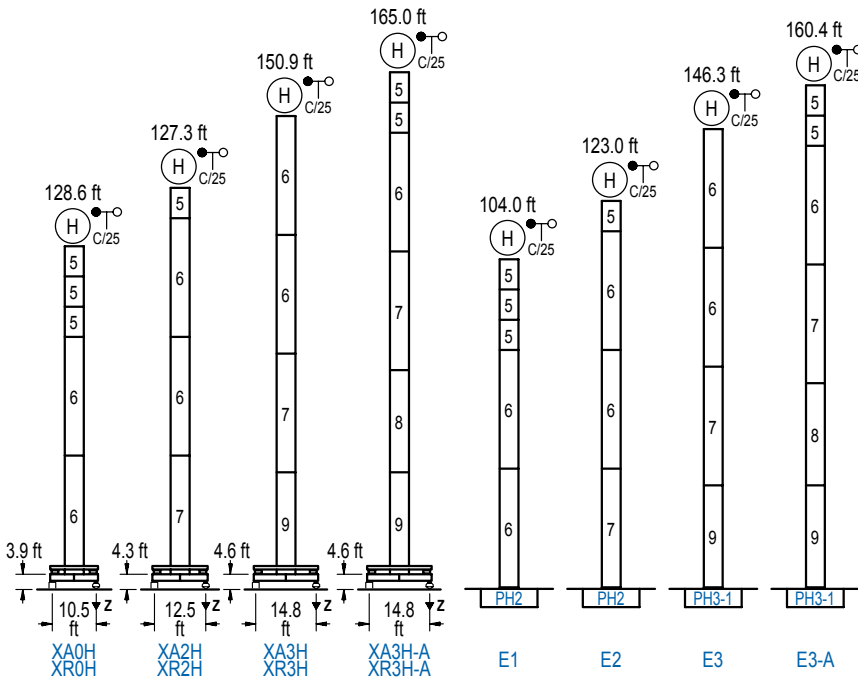
Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

 CS2-1.9 3 hp 63 ft/min 189 ft/min	 CFU-2.2 3 hp 0 ⇔ 262 ft/min	 GR-9.0 66 ft·lb 0 ⇔ 0,8 rpm	 TS2-3.0 2x 22 ft·lb TS2-4.5 2x 33 ft·lb TS2-5.5 2x 40 ft·lb 0 ⇔ 78 ft/min XR0H XR2H XR3H XR3H-A			
POTENCIA / POWER / PUISSANCE / LEISTUNG / POTENZA / МОЩНОСТЬ						
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-9.0	(2x) TS2-3.0			
ES3-13-12			(2x) TS2-4.5			
EFU2-18-12	CFU-2.2		(2x) TS2-5.5			
EFU2-11-12						
Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Tensione di alimentazione / Напряжение источника питания			480 V 3ph 60 Hz			
Generador / Generator / Générateur / Generator / Generatore / Генератор			107 kVA 90 kVA 60 kVA 48 kVA			
Opcional / Optional / En option / Kaufoption / Opzionale / Опционально			*			

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

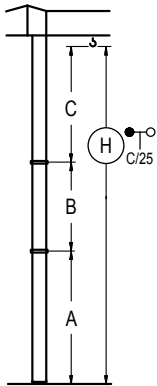
MH124-1 = 4x MH121 - 0.7 ft

	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 95 kip XR3H-A. 106 kip
	Fuera de servicio / Out of service / Hors service / Ausser Betrieb / Fuori servizio / В стационарном состоянии	XR0H 93 kip XR2H 108 kip XR3H 141 kip XR3H-A. 168 kip

GRÚA ARRIOSTRADA

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

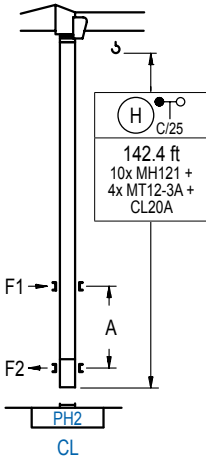


	XA0H	XA2H	XA3H	XA3H-A
A max	91.2	111.2	134.8	148.3
B max	-	68.9	-	68.9
C max	89.2	89.2	89.2	89.2
H max	180.4	249.3	200.5	269.4

	E1	E2	E3	E3-A
A max	87.3	107.0	130.2	143.7
B max	-	68.9	-	68.9
C max	89.2	89.2	89.2	89.2
H max	176.5	245.4	196.2	265.1

GRÚA TREPADORA

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



n°	Ref.	h	h
5	MH121	3.9	9.8
10	MT12-3A	3.9	9.5
11	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

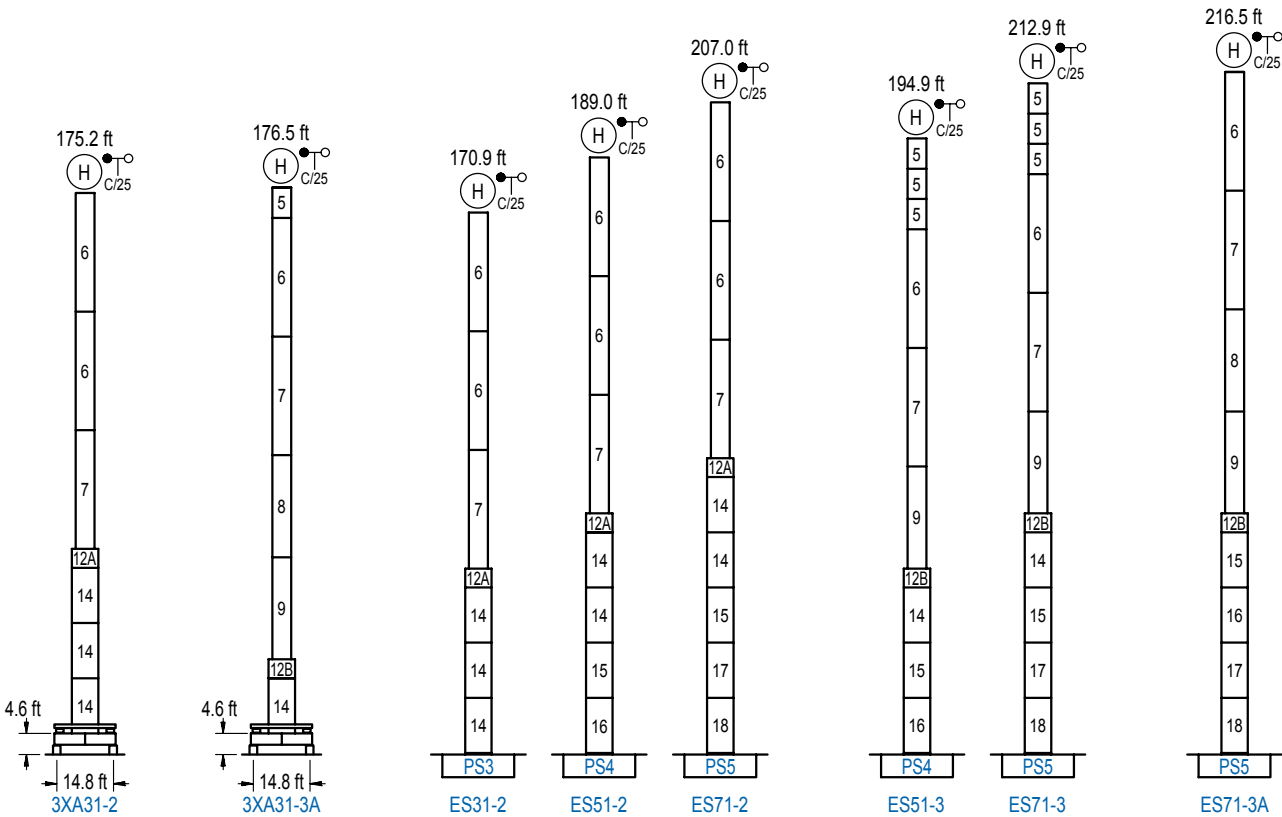


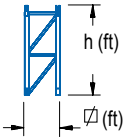
ALTURAS ESPECIALES

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

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 ветренных зонах о при большой высоте проконсультируйтесь с нами



Construcciones Metálicas COMANSA S. A.

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Polígono Urbizkain E-31620 HUARTE-PAMPLONA.- SPAIN

DS.1307.08.IA 02/14 5LC5010/1 1,020 lb