



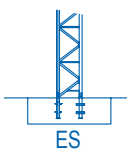
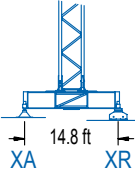
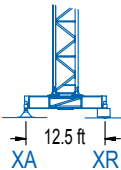
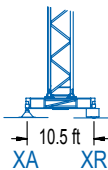
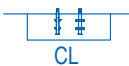
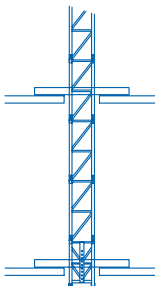
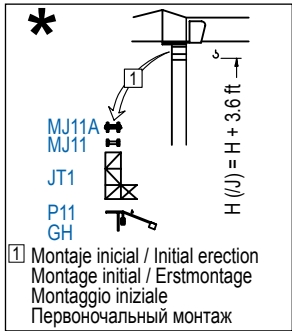
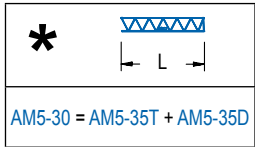
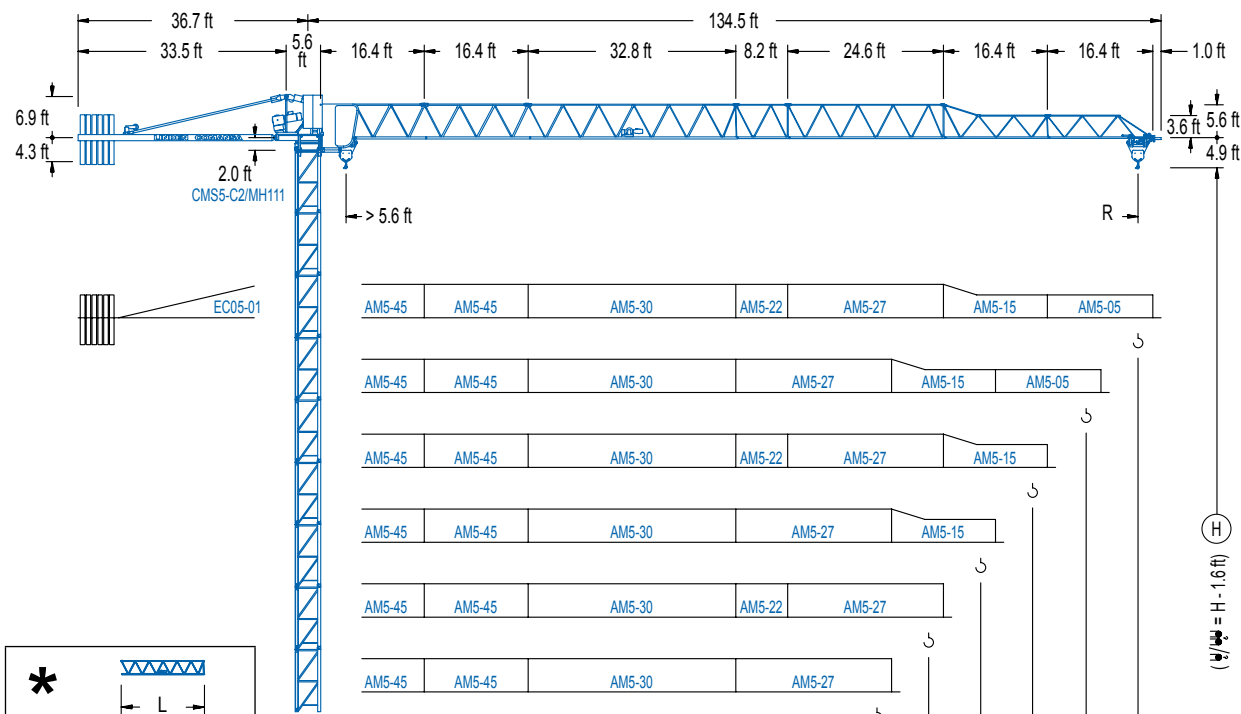
LINDEN

COMANSA

LC 500

5 LC 4010

11,020 lb



AM5-45	AM5-45	AM5-30	AM5-22	AM5-27	AM5-15	AM5-05
AM5-45	AM5-45	AM5-30	AM5-27	AM5-15	AM5-05	
AM5-45	AM5-45	AM5-30	AM5-22	AM5-27	AM5-15	
AM5-45	AM5-45	AM5-30	AM5-27	AM5-15		
AM5-45	AM5-45	AM5-30	AM5-22	AM5-27		
AM5-45	AM5-45	AM5-30	AM5-27			
AM5-45	AM5-45	AM5-30	AM5-15			
AM5-45	AM5-45	AM5-30	AM5-22			
AM5-45	AM5-45	AM5-30				

R	65.6	73.8	82.0	90.2	98.4	106.6	114.8	123.0	131.2	ft
	5,510	2,250	2,200	4,230	3,880	3,640	3,150	2,670	2,430	lb
	5,510	2,470	2,200	4,230	3,880	3,640	3,150	2,670	2,430	lb
	6,060	5,200	4,610	3,990	3,640	3,400	2,910	2,430	2,180	lb
	5,510	4,740	4,190	3,640	3,310	3,090	2,650	2,200	1,980	lb
	5,510	4,740	4,190	3,640	3,310	3,090	2,650	2,200	1,980	lb

PowerLift

PowerLift

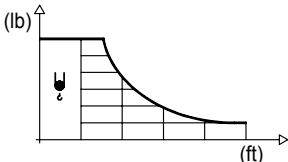
CE EN 14439
(C/25)



DIAGRAMA DE CARGAS

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

R (ft)	ψ	RCmax (ft)	24.6	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	↔(ft) ↕(lb)
131.2		60.0					5,510	4,980	4,370	3,860	3,460	3,130	2,840	2,600	2,380	2,200	
123.0		61.0					5,510	5,070	4,430	3,920	3,510	3,170	2,890	2,650	2,430		
114.8		65.3					5,510	5,470	4,780	4,250	3,810	3,440	3,130	2,870			
106.6		68.2						5,510	5,050	4,480	4,010	3,640	3,310				
98.4		66.6						5,510	4,920	4,340	3,900	3,530					
90.2		65.9						5,510	4,850	4,300	3,860						
82.0		67.3						5,510	4,960	4,410							
73.8		67.3						5,510	4,960								
65.6		65.6						5,510									



R (ft)	ψ/ψψ	RCmax (ft)	24.6	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	↔(ft) ↕(lb)
131.2		32.5	11,020	10,910	8,420	6,810	5,690	4,850	4,210	3,680	3,280	2,930	2,650	2,380	2,180	1,980	
123.0		32.8		11,020	8,530	6,900	5,750	4,920	4,250	3,750	3,330	2,980	2,670	2,430	2,200		
114.8		35.1		11,020	9,190	7,430	6,220	5,310	4,610	4,060	3,620	3,240	2,910	2,650			
106.6		36.4		11,020	9,630	7,830	6,550	5,600	4,850	4,280	3,810	3,420	3,090				
98.4		35.4		11,020	9,370	7,610	6,350	5,420	4,720	4,140	3,680	3,310					
90.2		35.1		11,020	9,260	7,500	6,260	5,360	4,650	4,100	3,640						
82.0		35.8		11,020	9,460	7,670	6,420	5,470	4,760	4,190							
73.8		35.8		11,020	9,410	7,630	6,390	5,450	4,740								
65.6		36.1		11,020	9,520	7,720	6,440	5,510									

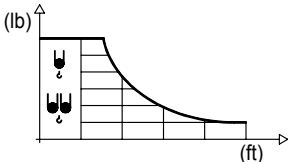
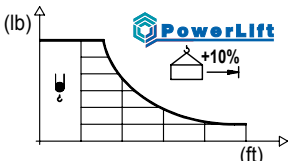


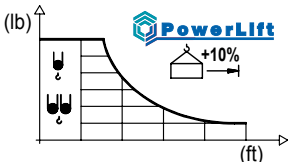
DIAGRAMA DE CARGAS POWERLIFT

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

R (ft)	ψ	RCmax (ft)	24.6	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	↔(ft) ↕(lb)
131.2		64.9					5,510	5,450	4,760	4,230	3,790	3,420	3,110	2,840	2,620	2,430	
123.0		65.8						5,510	4,830	4,300	3,840	3,480	3,170	2,890	2,670		
114.8		70.6						5,510	5,250	4,650	4,170	3,770	3,440	3,150			
106.6		74.0							5,510	4,920	4,410	3,990	3,640				
98.4		72.3					5,510	5,380	4,780	4,280	3,880						
90.2		71.5					5,510	5,310	4,720	4,230							
82.0		73.2					5,510	5,470	4,850								
73.8		73.0					5,510	5,450									
65.6		65.6					5,510										



R (ft)	ψ/ψψ	RCmax (ft)	24.6	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	↔(ft) ↕(lb)
131.2		34.7		11,020	9,080	7,360	6,150	5,250	4,560	4,010	3,570	3,200	2,890	2,620	2,380	2,180	
123.0		35.1		11,020	9,220	7,470	6,240	5,340	4,630	4,080	3,620	3,240	2,930	2,670	2,430		
114.8		37.5		11,020	9,940	8,070	6,750	5,780	5,030	4,430	3,950	3,550	3,200	2,910			
106.6		39.2		11,020	10,470	8,510	7,120	6,110	5,310	4,670	4,170	3,750	3,400				
98.4		36.3		11,020	10,190	7,780	6,920	5,560	4,830	4,250	3,790	3,400					
90.2		37.9		11,020	10,050	8,160	6,830	5,840	5,090	4,480	3,990						
82.0		38.7		11,020	10,320	8,380	7,010	6,000	5,220	4,610							
73.8		38.5		11,020	10,270	8,330	6,990	5,970	5,200								
65.6		39.0		11,020	10,410	8,470	7,080	6,060									



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																																																
<table><tr><td></td><td>I</td><td>II</td><td>III</td></tr><tr><td>ft/min</td><td>32</td><td>126</td><td>252</td></tr><tr><td>lb</td><td>5,510</td><td>5,510</td><td>2,870</td></tr></table>		I	II	III	ft/min	32	126	252	lb	5,510	5,510	2,870	<table><tr><td></td><td>I</td><td>II</td><td>III</td></tr><tr><td>ft/min</td><td>24</td><td>94</td><td>189</td></tr><tr><td>lb</td><td>5,510</td><td>2,500</td><td>2,870</td></tr></table>		I	II	III	ft/min	24	94	189	lb	5,510	2,500	2,870	<table><tr><td></td><td>I</td><td>II</td><td>III</td></tr><tr><td>ft/min</td><td>88</td><td>164</td><td>243</td></tr><tr><td>lb</td><td>5,510</td><td>4,410</td><td>2,200</td></tr></table>		I	II	III	ft/min	88	164	243	lb	5,510	4,410	2,200	<table><tr><td></td><td>I</td><td>II</td><td>III</td></tr><tr><td>ft/min</td><td>79</td><td>131</td><td>190</td></tr><tr><td>lb</td><td>5,510</td><td>4,410</td><td>2,200</td></tr></table>		I	II	III	ft/min	79	131	190	lb	5,510	4,410	2,200
	I	II	III																																																
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ft/min	88	164	243																																																
lb	11,020	8,820	4,410																																																

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-6.5	
	48 ft-lb	
0 ⇨ 0,8 rpm		

	TS2-3.0	TS2-4.5	TS2-5.5
	2x 22 ft-lb	2x 33 ft-lb	2x 40 ft-lb
	0 ⇨ 78 ft/min		
	XR0H	XR2H	XR3H

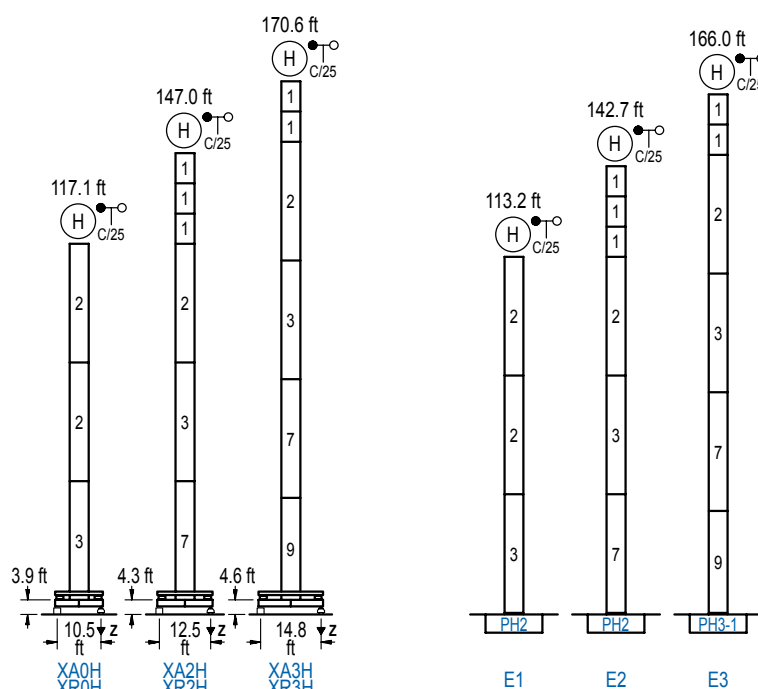
POTENCIA / POWER / PUISSANCE / LEISTUNG / POTENZA / МОЩНОСТЬ					Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Tensione di alimentazione / Напряжение источника питания	Generador / Generator / Générateur / Generator / Generatore / Генератор
Elevación / Hoist / Levage / Hub / Sollevamento / Тип механизма (подъем)	Carro / Trolley / Chariot / Laufkatze / Carrello / Грузовая тележка	Giro / Slewing / Rotation / Drehbewegung / Rotazione / Поворот	Traslación / Travel / Translation / Verfahrbewegung / Traslazione / Ход			
ES3-18-12	CS2-1.9	GR-6.5	(2x) TS2-3.0 (2x) TS2-4.5 (2x) TS2-5.5	480 V 3ph 60 Hz	107 kVA	
ES3-13-12					90 kVA	
EFU2-18-12	60 kVA					
EFU2-11-12	CFU-2.2				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

Ø 3.9 ft



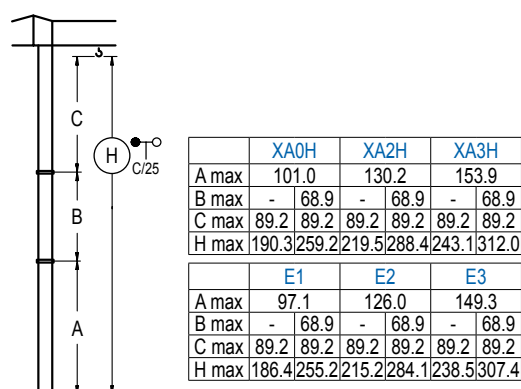
	n°	Ref.	∅	h
	1	MH111	3.9	9.8
	2	MH114	3.9	38.7
	3	MH114A	3.9	38.7
	5	MH121	3.9	9.8
	7	MH124A	3.9	38.7
	9	MT123	3.9	33.1
	MH114 = 4x MH111 - 0.7 ft			

	$H = H + 0.7 \text{ ft}$
	$H = H$
	$H = H$
	$H = H - 0.7 \text{ ft}$

Z max.	En servicio / In operation / En service / In Betrieb / In servizio / При работе	XR0H..... 84 kip XR2H..... 95 kip XR3H..... 104 kip
	Fuera de servicio / Out of service / Hors service / Ausser Betrieb / Fuori servizio / В стационарном состоянии	XR0H..... 106 kip XR2H..... 148 kip XR3H..... 170 kip

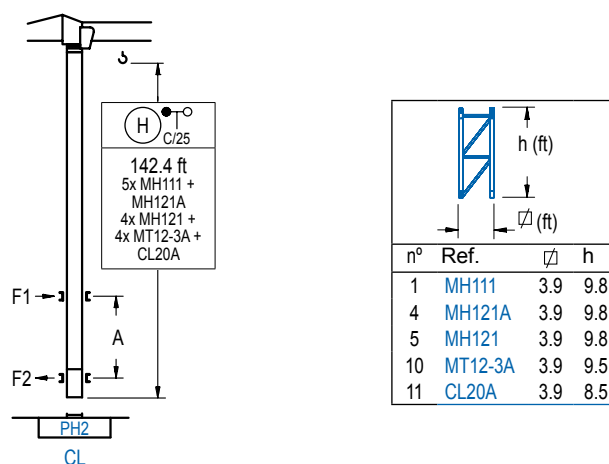
GRÚA ARRIOSTRADA

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, 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 où 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 большей высоте, привязках к зданию или наращиванию крана внутри здания проконсультируйтесь с нами

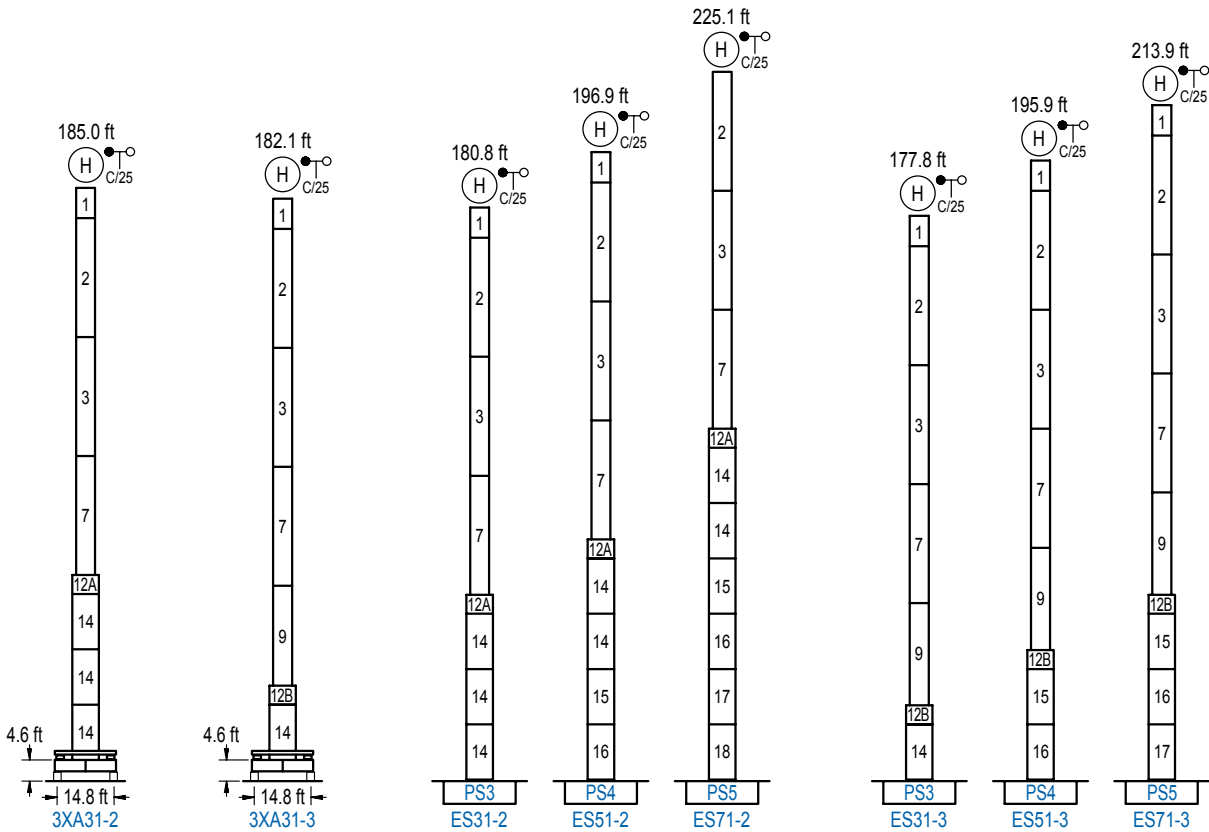


ALTURAS ESPECIALES

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
	1	MH111	3.9	9.8	12A	TMS13/PMH12	5.2	3.3	14	S13	5.2	18.0
	2	MH114	3.9	38.7	12B	TMS13/PMH13	5.2	3.3	15	TS14	5.2	18.0
	3	MH114A	3.9	38.7					16	S14	5.2	18.0
	7	MH124A	3.9	38.7					17	TS15	5.2	18.0
	9	MT123	3.9	33.1					18	S15	5.2	18.0
	MH114 = 4x MH111 - 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.

Tel.: (34) 948 335 020 / Fax: (34) 948 330 810 / e-mail: info@comansa.com
Polígono Urbizkain E-31620 HUARTE-PAMPLONA.- SPAIN

DS.1307.04.IA	02/14	5LC4010/1 1,020 lb