

LCL

LCL 190

26,460 lb

R (max) ft	H1 ft	R (min) ft	H2 ft	Rfs ft
196,9	59,7	18,4	210,0	78,7
180,4	58,4	16,1	193,2	72,2
164,0	54,5	16,4	176,5	65,6
147,6	50,5	13,8	160,1	62,3
131,2	46,6	13,1	143,4	62,3
114,8	42,7	12,8	126,3	62,3
98,4	38,4	10,5	109,9	62,3

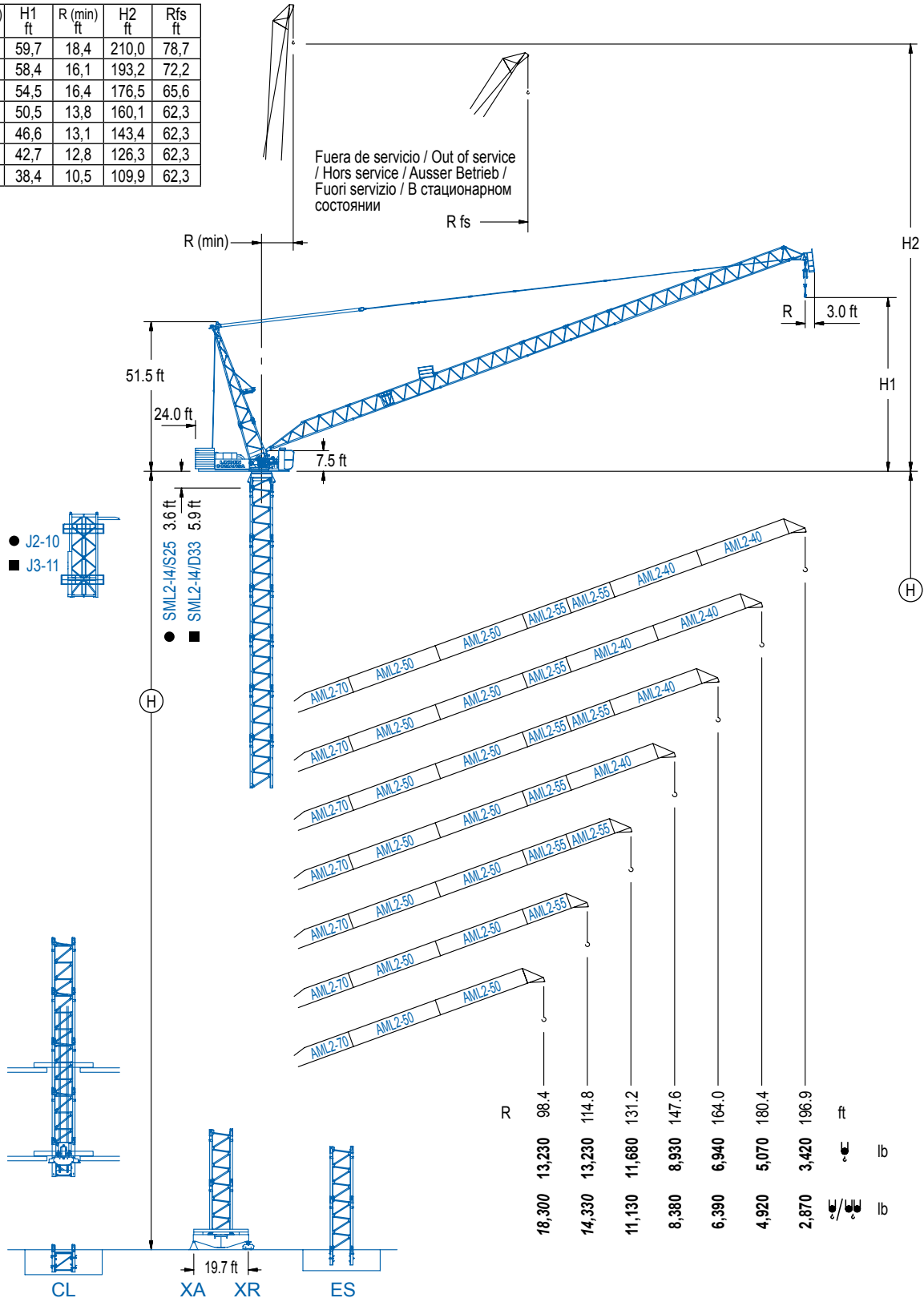
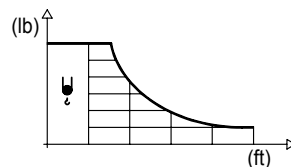


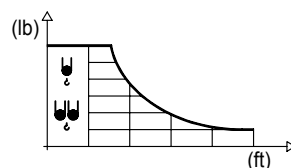
DIAGRAMA DE CARGAS

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

R (ft)	μ	RCmax (ft)	32.8	49.2	65.6	82.0	98.4	114.8	131.2	147.6	164.0	180.4	196.9	↔ (ft) ↓ (lb)
196.9		93.5				13,230	12,040	9,130	7,230	5,890	4,870	4,080	3,420	
180.4		106.6					13,230	11,570	9,130	7,410	6,130	5,070		
164.0		116.5						13,230	10,630	8,550	6,940			
147.6		119.8						13,230	11,200	8,930				
131.2		123.4						13,230	11,680					
114.8		114.8						13,230						
98.4		98.4						13,230						

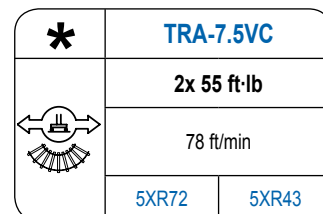
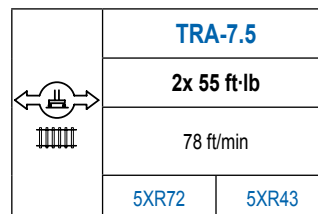
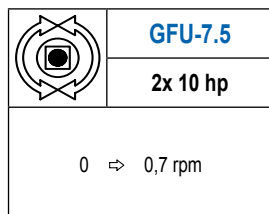
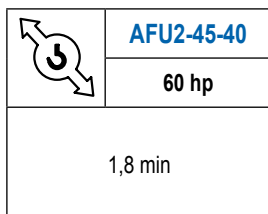
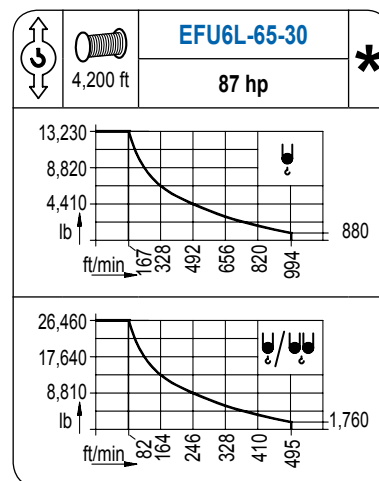
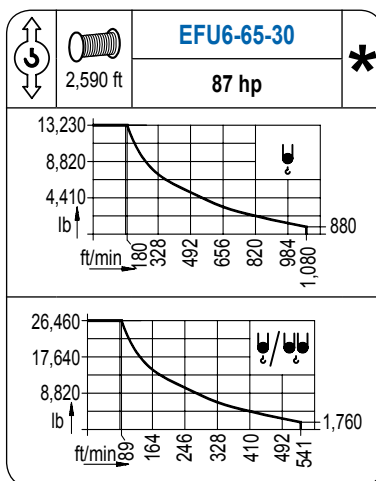
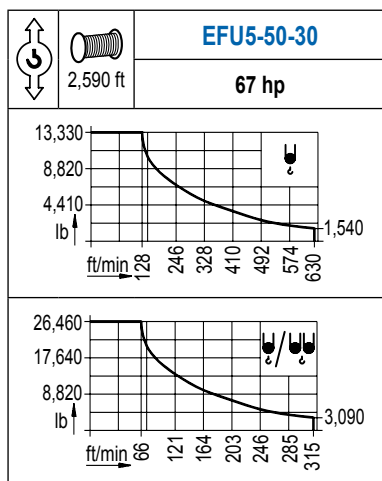


R (ft)	μ/μμ	RCmax (ft)	32.8	49.2	65.6	82.0	98.4	114.8	131.2	147.6	164.0	180.4	196.9	↔ (ft) ↓ (lb)
196.9		44.3	26,460	22,350	14,530	10,580	8,180	6,570	5,420	4,560	3,880	3,330	2,870	
180.4		66.3			26,460	17,530	12,740	9,830	7,890	6,480	5,400	4,520		
164.0		68.9			26,460	19,550	14,550	11,400	9,260	7,650	6,390			
147.6		70.2			26,460	20,660	15,630	12,390	10,120	8,380				
131.2		73.2			26,460	22,310	17,090	13,650	11,130					
114.8		76.8			26,460	23,920	18,210	14,330						
98.4		77.1			26,460	24,140	18,300							



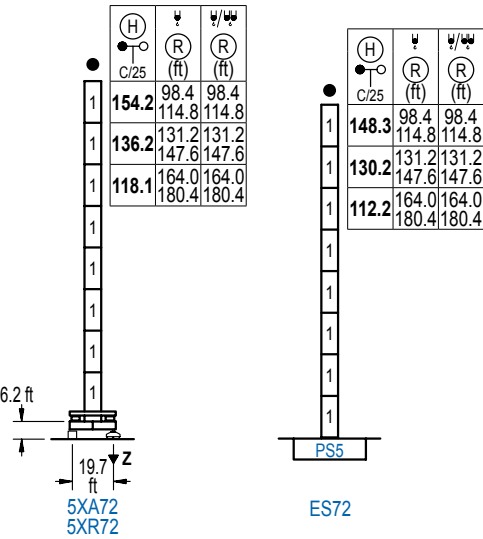
MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы



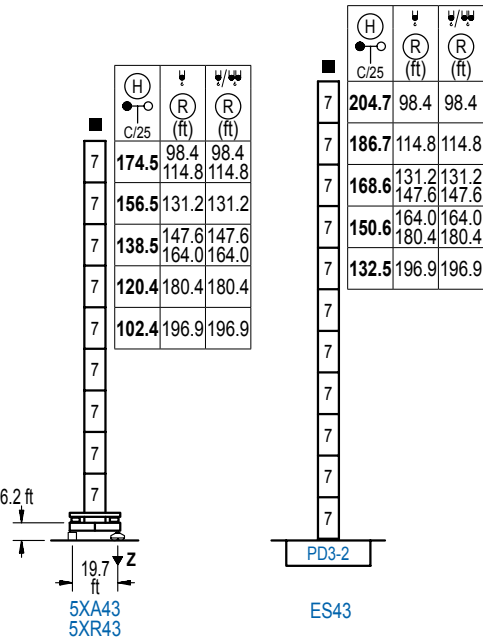
POTENCIA / POWER / PUISSANCE / LEISTUNG / POTENZA / МОЩНОСТЬ				Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Tensione di alimentazione / Напряжение источника питания		Generador / Generator / Générateur / Generator / Generatore / Генератор	
Elevación / Hoist / Levage / Hub / Sollevamento / Тип механизма (подъем)	Abatimiento / Luffing / Relevage / Einziehen / Brandeggio / Складывание	Giro / Slewing / Rotation / Drehbewegung / Rotazione / Поворот	Traslación / Travel / Translation / Verfahrbewegung / Traslazione / Ход				
EFU5-50-30	AFU2-45-40	(2x) GFU-7.5	(2x) TRA-7.5	480 V		215 kVA	
EFU6-65-30				3ph		240 kVA	
EFU6L-65-30				60 Hz		240 kVA	

Opcional / Optional / En option / Kaufoption / Opzionale / Опционально
*



	n°	Ref.	∅	h
	1	S25	6.6	18.0
	1x S25 = 1x S25M			

Z máx.	En servicio / In operation / En service / In Betrieb / In servizio / При работе	5XR72.. 245 kip
	Fuera de servicio / Out of service / Hors service / Ausser Betrieb / Fuori servizio / В стационарном состоянии	5XR72.. 317 kip



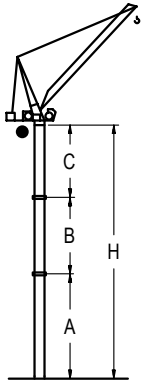
	n°	Ref.	∅	h
	7	D33	8.2	18.0

Z máx.	En servicio / In operation / En service / In Betrieb / In servizio / При работе	5XR43.. 262 kip
	Fuera de servicio / Out of service / Hors service / Ausser Betrieb / Fuori servizio / В стационарном состоянии	5XR43.. 368 kip

GRÚA ARRIOSTRADA

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

∅ 6.6 ft



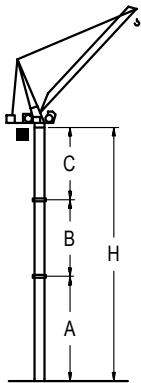
5XA72					
R	180.4 / 164.0	147.6 / 131.2	114.8 / 98.4		
(ft)	180.4 / 164.0	147.6 / 131.2	114.8 / 98.4		
A max	78.4	96.5	114.5		
A min	78.4	96.5	78.4		
B max	-	54.1	-	72.2	72.2
B min	-	54.1	-	54.1	54.1
C max	93.8	93.8	111.9	111.9	111.9
H max	172.2	226.4	208.3	280.5	226.4

ES72					
R	180.4 / 164.0	147.6 / 131.2	114.8 / 98.4		
(ft)	180.4 / 164.0	147.6 / 131.2	114.8 / 98.4		
A max	72.5	90.6	108.6		
A min	72.5	90.6	72.5		
B max	-	54.1	-	72.2	72.2
B min	-	54.1	-	54.1	54.1
C max	93.8	93.8	111.9	111.9	111.9
H max	166.3	220.5	202.4	274.6	220.5

GRÚA ARRIOSTRADA

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

∅ 8.2 ft



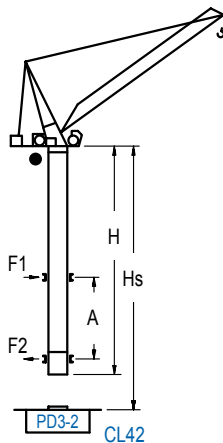
5XA43									
R	196.9	180.4	164.0 / 147.6	131.2	114.8 / 98.4				
(ft)	196.9	180.4	164.0 / 147.6	131.2	114.8 / 98.4				
A max	60.4	78.4	96.5	114.5	132.5				
A min	60.4	78.4	78.4	78.4	78.4				
B max	-	54.1	-	72.2	-	90.2	-	90.2	108.3
B min	-	54.1	-	54.1	-	54.1	-	54.1	54.1
C max	96.1	96.1	114.2	114.2	132.2	132.2	132.2	45.8	132.2
H max	156.5	210.6	192.6	264.8	228.7	318.9	246.7	336.9	283.0

ES43									
R	196.9	180.4 / 164.0	147.6 / 131.2	114.8	98.4				
(ft)	196.9	180.4 / 164.0	147.6 / 131.2	114.8	98.4				
A max	90.6	108.6	126.6	144.7	162.7				
A min	72.5	72.5	72.5	72.5	72.5				
B max	-	54.1	-	72.2	-	108.3	-	108.3	54.1
B min	-	54.1	-	54.1	-	54.1	-	54.1	54.1
C max	96.1	96.1	114.2	114.2	150.3	132.2	150.3	150.3	150.3
H max	186.9	241.0	223.0	294.9	258.9	331.0	294.9	385.2	313.1

GRÚA TREPADORA

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

∅ 6.6 ft



(H) C/25	Ψ (ft)	Ψ/Ψ (ft)	Hs < 985 ft	A max (ft)	A min (ft)
177.2 ft (4x S25 + TD23A + 4x D23A + CLD23A-1)	98.4 114.8	98.4 114.8	82.0	36.1	
159.1 ft (3x S25 + TD23A + 4x D23A + CLD23A-1)	131.2	131.2	73.2	36.1	
141.1 ft (2x S25 + TD23A + 4x D23A + CLD23A-1)	147.6 164.0	147.6 164.0	64.3	36.1	
123.0 ft (S25 + TD23A + 4x D23A + CLD23A-1)	180.4	180.4	55.1	32.8	
105.0 ft (TD23A + 4x D23A + CLD23A-1)	196.9	196.9	46.3	32.8	

nº	Ref.	∅	h
1	S25	6.6	18.0
2	TD23A	6.6	18.0
4	D23A	6.6	18.0
14	CLD23A-1	6.6	11.2
1x S25 = 1x S25M			

Otras zonas de viento, alturas superiores, arriostamientos 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

LINDEN COMANSA
Construcciones Metálicas COMANSA S. A.

Tel.: (+34) 948 335 020 / Fax: (+34) 948 330 810 / E-mail: info@comansa.com
Polígono Urbizkain, Ctra. Aoiz nº1 31620, Huarte (Navarra), SPAIN

DS.1539.06.IA 11/16 LCL 190/26,460 lb

Reserva de modificaciones. Subject to modifications. Modifications réservées. Konstruktionsänderungen vorbehalten.
Il Fabbricante si riserva la facoltà di apportare modifiche. Возможны изменения.

Courtesy of Crane.Market