

**COMANSA****LCL Series****LCL 165****17,640 lb**

RCM				
R (max) ft	H1 ft	R (min) ft	H2 ft	Rfs ft
164.0	57.7	17.1	177.8	64.0
147.6	53.5	15.7	161.1	61.0
131.2	49.5	14.8	144.7	53.1
114.8	44.9	13.5	128.0	45.9
98.4	32.8	12.1	107.9	47.6

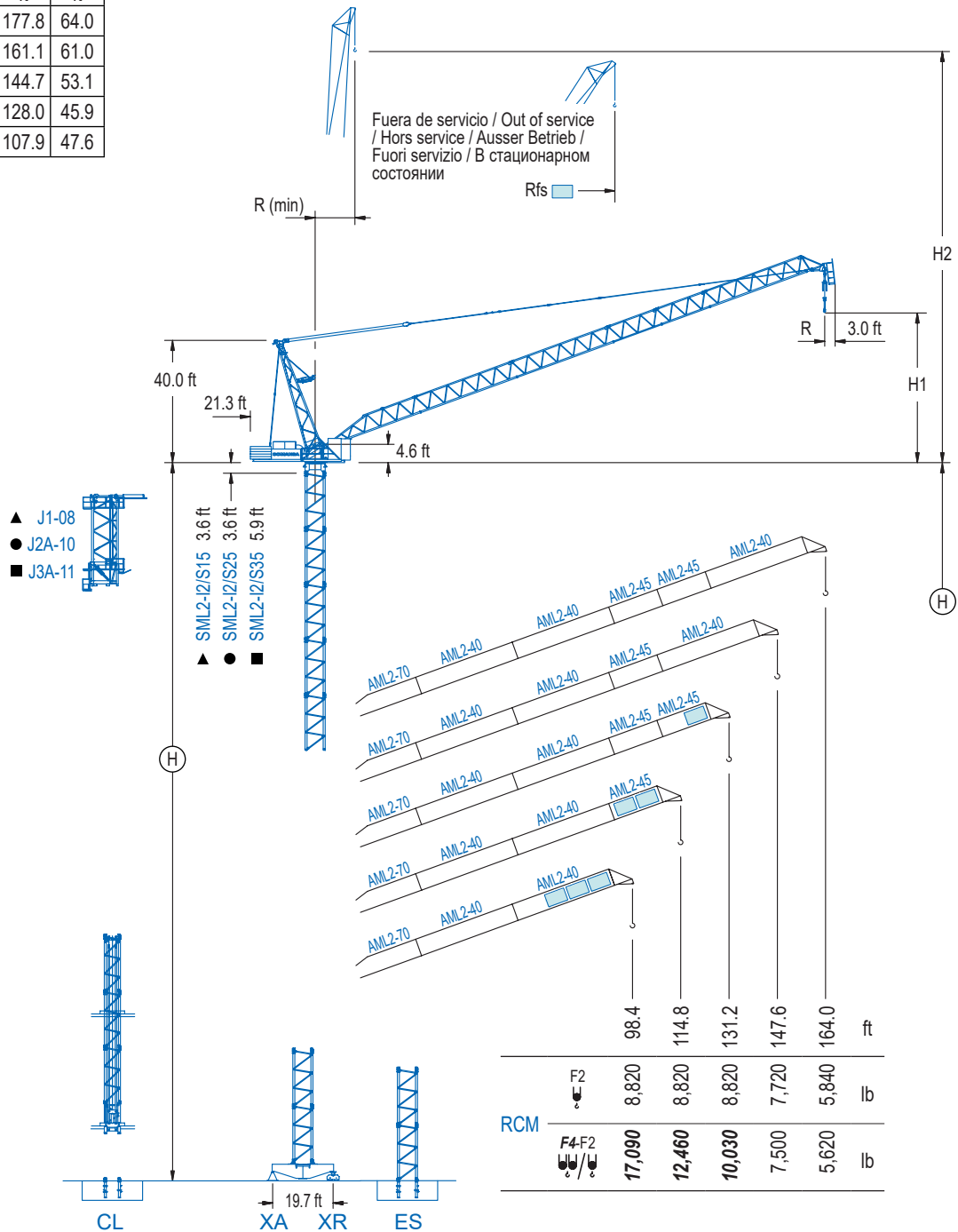
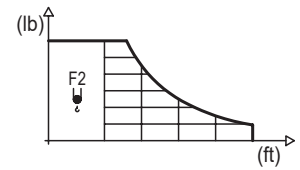


DIAGRAMA DE CARGAS

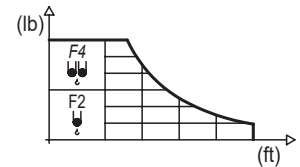
Load chart / Diagramme de charges / Lastdiagramm / Diagramma di carico / Диаграмма распределения нагрузки

RCM

R	8,820 lb ⬇	32.8	49.2	65.6	82.0	98.4	114.8	131.2	147.6	164.0	↔ (ft) ⬇ (lb)
164.0	126.6							8,820	8,360	6,940	5,840
147.6	130.2							8,820	8,750	7,720	
131.2	131.2							8,820			
114.8	114.8										
98.4	98.4					8,820					



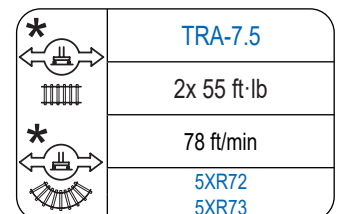
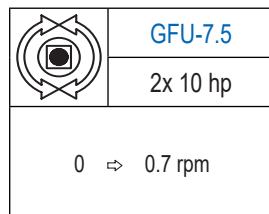
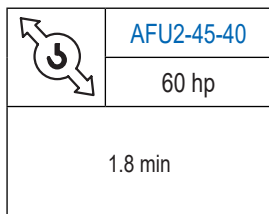
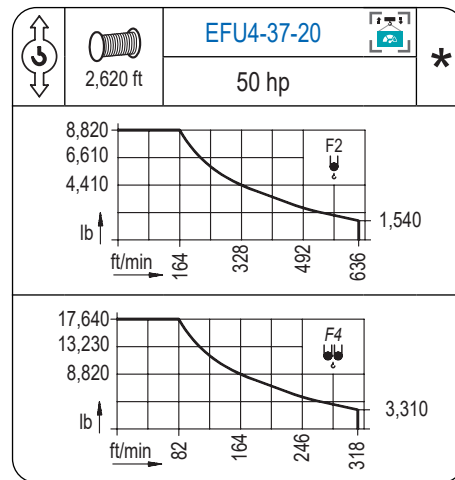
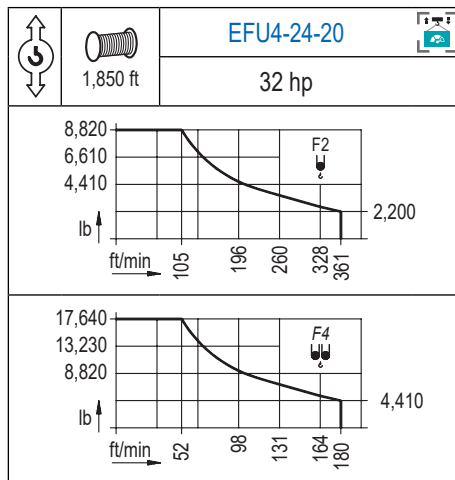
R	17,640 lb ⬇	8,820 lb ⬇	32.8	49.2	65.6	82.0	98.4	114.8	131.2	147.6	164.0	↔ (ft) ⬇ (lb)
164.0	80.1	123.7			17,640	16,930	12,570	9,880	8,020	6,680	5,620	
147.6	83.3	132.9				17,640	13,730	10,960	8,990	7,500		
131.2	87.3					17,640	14,970	12,130	10,030			
114.8	89.9					17,640	15,540	12,460				
98.4	94.2					17,640	17,090					



Datos válidos hasta 262 ft de altura de torre. Para alturas mayores consultar / Valid data up to 262 ft of tower height. Additional heights on request / Données valables jusqu'à 262 ft de la hauteur de tour. Pour des autres hauteurs, merci de nous consulter / Gültige Daten bis zu 262 ft Turmhöhe. Bei mehr Höhe nachfragen / Dati validi per altezza massima 262 ft di torre. Per altezze superiori consultare Comansa / Допустимые данные до 262 фут высоты крана. Для более высоких высот консультируйтесь

MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы



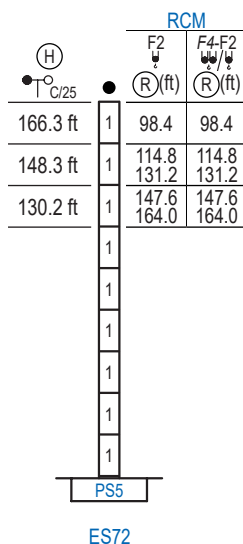
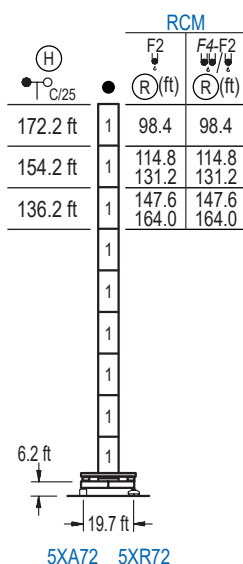
Elevación / Hoist / Levage / Hub / Sollevamento / Тип механизма (подъем)	Abatimiento / Luffing / Relevage / Einziehen / Brandeggio / Складывание	Giro / Slewing / Rotation / Drehbewegung / Rotazione / Поворот	Traslación / Travel / Translation / Verfahrbewegung / Traslazione / Ход	Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Tensione di alimentazione / Напряжение источника питания	Potencia requerida / Required power / Puissance requise / Benötigte Leistung / Potenza richiesta / требуемая мощность
EFU4-24-20	AFU2-45-40	(2x) GFU-7.5	(2x) TRA-7.5	480 V	69 kVA
EFU4-37-20				3 ph 60 Hz	82 kVA

Optional / Optional / En option / Kaufoption / Opzionale / Опционально
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ALTURAS DE TORRE

Tower height / Hauteurs de tour / Turmhöhen / Altezza della torre / Высота башни

∅ 6.6 ft



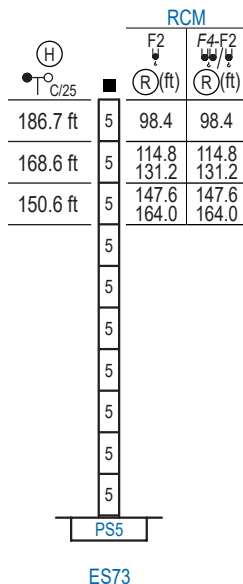
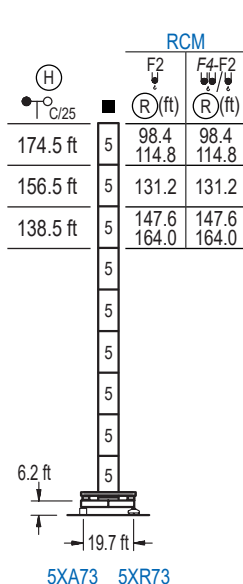
n°	Ref.	∅	h
1	S25	6.6	18.0

1x S25 = 1x S25M

ALTURAS DE TORRE

Tower height / Hauteurs de tour / Turmhöhen / Altezza della torre / Высота башни

∅ 8.2 ft



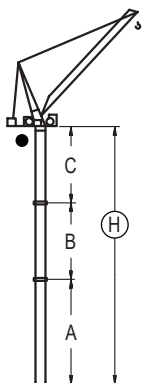
n°	Ref.	∅	h
1	S35	8.2	18.0

1x S35 = 1x S35M

GRÚA ARRIOSTRADA

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

∅ 6.6 ft



RCM	F2	F4-F2
164.0 / 147.6	131.2 / 114.8	98.4
96.5	114.5	132.5
96.5	96.5	114.5

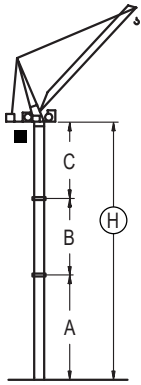
RCM	F2	F4-F2
164.0 / 147.6	131.2 / 114.8	98.4
90.6	108.6	126.6
90.6	90.6	108.6

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 cavetto, consultare il fabbricante / При других ветренных зонах, при большой высоте, привязках к зданию или наращивании крана внутри здания проконсультируйтесь с нами

GRÚA ARRIOSTRADA

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

Ø 8.2 ft



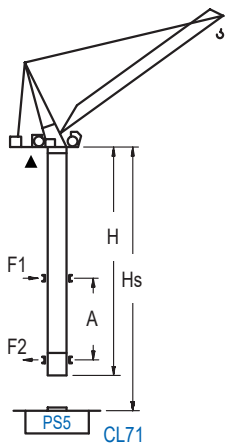
RCM (H) C/25		5XA73					
Ⓡ	F2	164.0 / 147.6	131.2	114.8 / 98.4			
	F4-F2	164.0 / 147.6	131.2	114.8 / 98.4			
A max		96.5	114.5	132.5			
A min		78.4	78.4	78.4			
B max		-	72.2	90.2			
B min		-	54.1	54.1			
C max		114.2	114.2	132.2	114.2	132.2	114.2
H max		210.6	282.8	246.7	318.9	264.8	336.9

RCM (H) C/25		ES73					
Ⓡ	F2	164.0 / 147.6	131.2 / 114.8	98.4			
	F4-F2	164.0 / 147.6	131.2 / 114.8	98.4			
A max		108.6	126.6	144.7			
A min		72.5	72.5	72.5			
B max		-	72.2	90.2			
B min		-	54.1	54.1			
C max		114.2	114.2	132.2	114.2	150.3	132.2
H max		222.8	294.9	258.9	331.0	294.9	385.2

GRÚA TREPADORA

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

Ø 5.2 ft



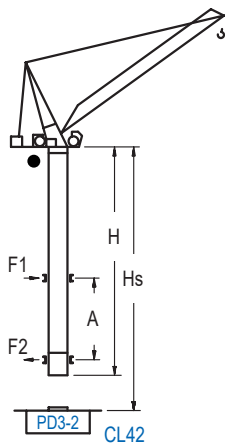
RCM (H) C/25		F2 Ⓡ(ft)	F4-F2 Ⓡ(ft)	Hs < 1,150 ft	
				A max (ft)	A min (ft)
140.1 ft (7x S15 + CLS15-08)		98.4 114.8	98.4 114.8	64.3	45.9
128.6 ft (S15-2 + 6x S15 + CLS15-08)		131.2	131.2	55.1	42.7
122.0 ft (6x S15 + CLS15-08)		147.6		55.1	45.9
117.1 ft (2x S15-2 + 5x S15 + CLS15-08)			147.6	46.3	45.9
104.0 ft (5x S15 + CLS15-08)		164.0	164.0	46.3	42.7

Ref.	Ø	h
S15	5.2	18.0
S15-2	5.2	6.6
CLS15-08	5.2	10.2
1x S15 = 1x S15M		

GRÚA TREPADORA

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

Ø 6.6 ft



RCM (H) C/25		F2 Ⓡ(ft)	F4-F2 Ⓡ(ft)	Hs < 1,150 ft	
				A max (ft)	A min (ft)
190.3 ft (2x S25-2 + 4x S25 + TD23A + 4x D23A + CLD23A-12)		98.4	98.4	82.0	36.1
177.2 ft (4x S25 + TD23A + 4x D23A + CLD23A-12)		114.8	114.8	82.0	32.8
172.2 ft (2x S25-2 + 3x S25 + TD23A + 4x D23A + CLD23A-12)		131.2	131.2	73.2	36.1
159.1 ft (3x S25 + TD23A + 4x D23A + CLD23A-12)		147.6	147.6	73.2	32.8
154.2 ft (2x S25-2 + 2x S25 + TD23A + 4x D23A + CLD23A-12)		164.0	164.0	64.3	36.1

Ref.	Ø	h
S25	6.6	18.0
S25-2	6.6	6.6
TD23A	6.6	18.0
D23A	6.6	18.0
CLD23A-12	6.6	11.2
1x S25 = 1x S25M		

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