

R (max) ft	H1 ft	R (min) ft	H2 ft	Rfs ft
196,9	67,9	18,7	217,5	78,7
180,4	64,0	16,4	201,1	72,2
164,0	60,0	17,1	184,1	65,6
147,6	56,1	14,1	167,7	62,3
131,2	52,2	13,5	150,9	62,3
114,8	48,2	13,5	134,2	62,3
98,4	35,1	10,8	114,2	62,3

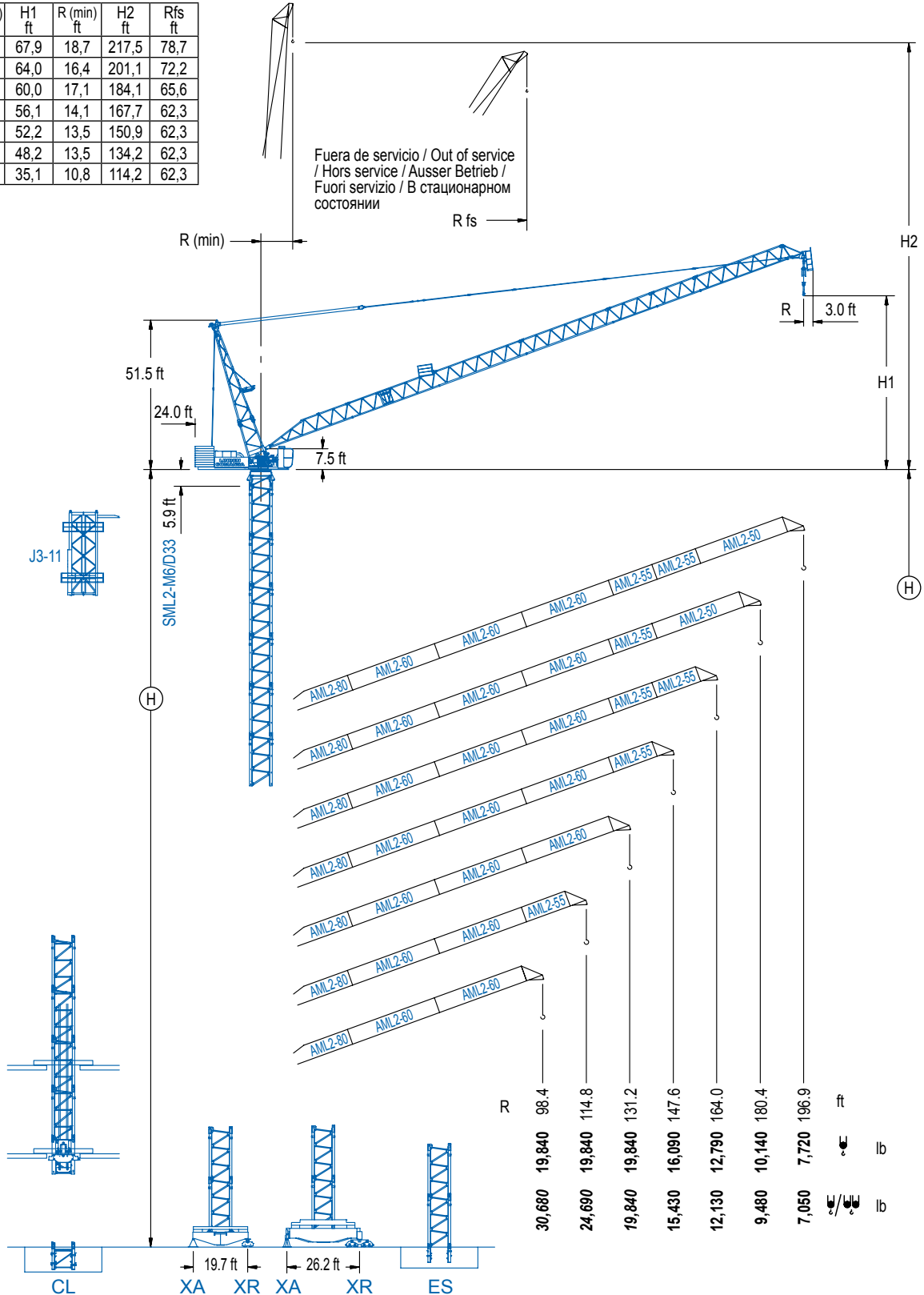
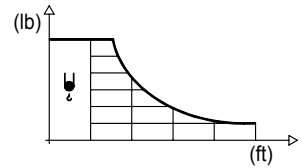


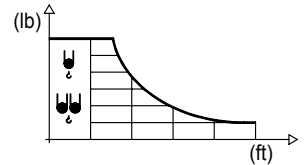
DIAGRAMA DE CARGAS

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

R (ft)	↕	RCmax (ft)	49.2	65.6	82.0	98.4	114.8	131.2	147.6	164.0	180.4	196.9	↔(ft) ↕(lb)
196.9		118.1					19,840	16,310	13,210	10,930	9,170	7,720	
180.4		121.4					19,840	17,440	14,350	12,040	10,140		
164.0		124.7					19,840	18,320	15,230	12,790			
147.6		129.6					19,840	19,470	16,090				
131.2		131.2						19,840					
114.8		114.8					19,840						
98.4		98.4				19,840							

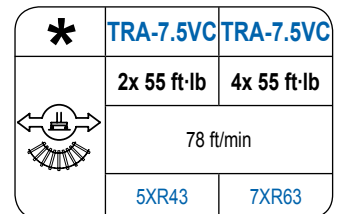
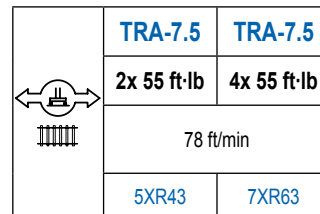
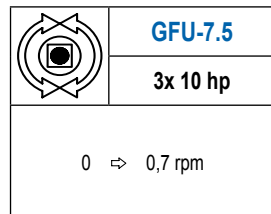
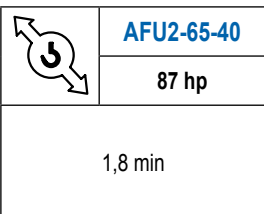
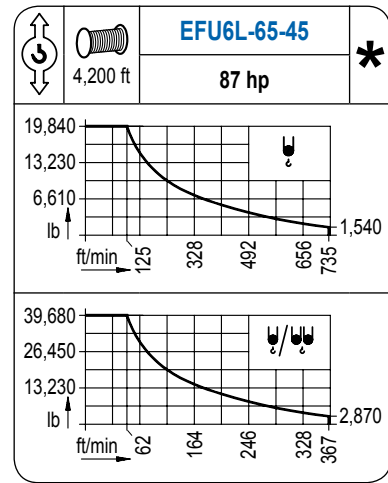
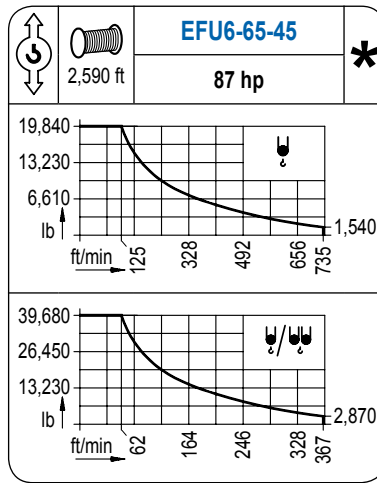
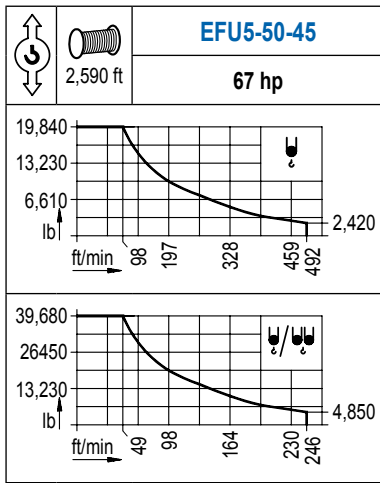


R (ft)	↕/↕	RCmax (ft)	49.2	65.6	82.0	98.4	114.8	131.2	147.6	164.0	180.4	196.9	↔(ft) ↕(lb)
196.9		59.1	39,680	33,640	24,180	18,700	15,100	12,570	10,690	9,240	8,050	7,050	
180.4		60.7	39,680	35,650	26,480	20,920	17,150	14,460	12,410	10,800	9,480		
164.0		62.7	39,680	37,460	28,440	22,770	18,870	16,050	13,870	12,130			
147.6		65.6	39,680	39,680	30,620	24,800	20,750	17,750	15,430				
131.2		69.2	39,680	39,680	33,070	27,140	22,970	19,840					
114.8		73.5	39,680	39,680	35,320	29,100	24,690						
98.4		78.7	39,680	39,680	37,920	30,860							



MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

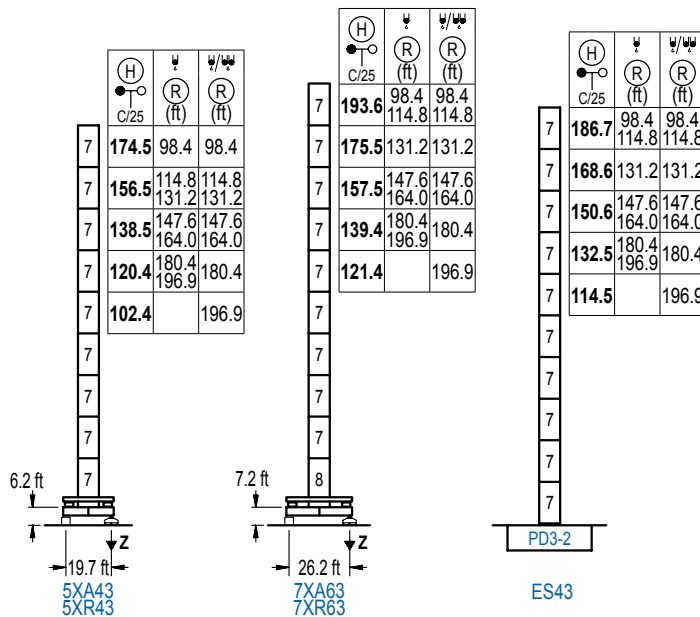


POTENCIA / POWER / PUISSANCE / LEISTUNG / POTENZA / МОЩНОСТЬ				Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Tensione di alimentazione / Напряжение источника питания	
Elevación / Hoist / Levage / Hub / Sollevamento / Тип механизма (подъем)	Abatimiento / Luffing / Releage / Einziehen / Brandeggio / Складывание	Giro / Slewing / Rotation / Drehbewegung / Rotazione / Поворот	Traslación / Travel / Translation / Verfahrbewegung / Traslazione / Ход	480 V	Generador / Generator / Générateur / Generator / Generatore / Генератор
EFU5-50-45	AFU2-65-40	(3x) GFU-7.5	(2x) TRA-7.5	260 kVA	Opcional / Optional / En option / Kaufoption / Opzionale / Опционально *
EFU6-65-45			(4x) TRA-7.5	280 kVA	
EFU6L-65-45				280 kVA	

ALTURAS DE TORRE

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

∅ 8.2 ft



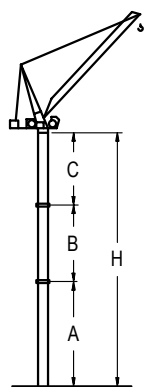
n°	Ref.	∅	h
7	D33	8.2	18.0
8	TD34	8.2	18.0

Z máx.	En servicio / In operation / En service / In Betrieb / In servizio / При работе	5XR43.. 300 kip 7XR63.. 262 kip
	Fuera de servicio / Out of service / Hors service / Ausser Betrieb / Fuori servizio / В стационарном состоянии	5XR43.. 370 kip 7XR63.. 337 kip

GRÚA ARRIOSTRADA

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

∅ 8.2 ft



5XA43						
R (ft)		196.9 / 180.4	164.0 / 147.6	131.2 / 114.8	98.4	
A max		78.4	96.5	114.5	132.5	
A min		78.4	78.4	78.4	78.4	
B max		-	54.1	-	108.3	
B min		-	54.1	-	54.1	
C max		96.1	114.2	132.2	150.3	132.2
H max		174.5	228.7	210.6	282.8	373.0

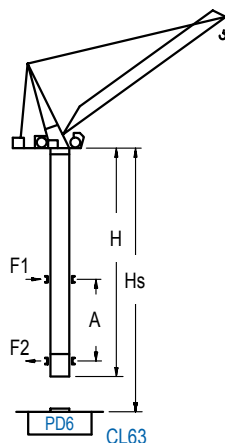
7XA63						
R (ft)		196.9 / 180.4	164.0 / 147.6	131.2	114.8 / 98.4	
A max		79.4	97.4	115.5	133.5	151.6
A min		79.4	79.4	79.4	79.4	79.4
B max		54.1	54.1	72.2	90.2	108.3
B min		54.1	54.1	54.1	54.1	54.1
C max		96.1	96.1	114.2	132.2	150.3
H max		175.5	229.7	193.6	247.7	392.1

ES43						
R (ft)		196.9 / 180.4	164.0 / 147.6	131.2	114.8 / 98.4	
A max		72.5	90.6	108.6	126.6	144.7
A min		72.5	72.5	72.5	72.5	72.5
B max		54.1	54.1	72.2	90.2	108.3
B min		54.1	54.1	54.1	54.1	54.1
C max		96.1	96.1	114.2	132.2	150.3
H max		168.6	222.8	186.7	240.8	385.2

GRÚA TREPADORA

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

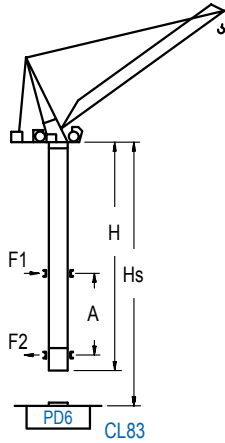
∅ 8.2 ft



(H) C/25	(R) (ft)	(R) (ft)	A max (ft)	A min (ft)
216.9 ft (6x D33 + TD34 + 4x D34A + CLD34A)	98.4 114.8	98.4 114.8	80.7	49.2
198.8 ft (5x D33 + TD34 + 4x D34A + CLD34A)	131.2	131.2	80.7	45.9
180.8 ft (4x D33 + TD34 + 4x D34A + CLD34A)	147.6 164.0	147.6 164.0	71.9	45.9
162.7 ft (3x D33 + TD34 + 4x D34A + CLD34A)	180.4 196.9		62.7	49.2
144.7 ft (2x D33 + TD34 + 4x D34A + CLD34A)		180.4	53.8	39.4
126.6 ft (D33 + TD34 + 4x D34A + CLD34A)		196.9	44.6	39.4

n°	Ref.	∅	h
7	D33	8.2	18.0
8	TD34	8.2	18.0
20	D34A	8.2	18.0
21	CLD34A	8.2	12.5

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



	Hs < 1,310 ft		A max (ft)	A min (ft)
	(R) (ft)	(R) (ft)		
216.9 ft (5x D33 + TD34 + TD36B + 4x D36A + CLD36)	98.4 114.8	98.4 114.8	80.7	32.8
198.8 ft (4x D33 + TD34 + TD36B + 4x D36A + CLD36)	131.2	131.2	71.9	32.8
180.8 ft (3x D33 + TD34 + TD36B + 4x D36A + CLD36)	147.6 164.0	147.6 164.0	62.7	32.8
162.7 ft (2x D33 + TD34 + TD36B + 4x D36A + CLD36)	180.4 196.9	180.4	53.8	32.8
144.7 ft (D33 + TD34 + TD36B + 4x D36A + CLD36)		196.9	44.6	32.8

nº	Ref.	h (ft)	h (ft)
7	D33	8.2	18.0
8	TD34	8.2	18.0
10	TD36B	8.2	18.0
12	D36A	8.2	18.0
13	CLD36	8.2	12.5

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

LCL



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.1539.12.IA 11/16 LCL 310/39,680 lb

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