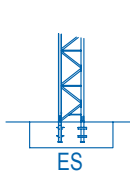
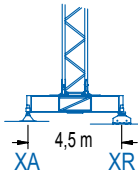
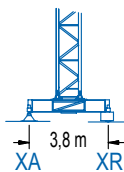
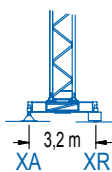
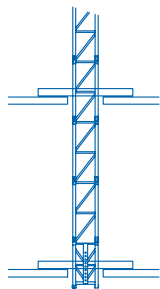
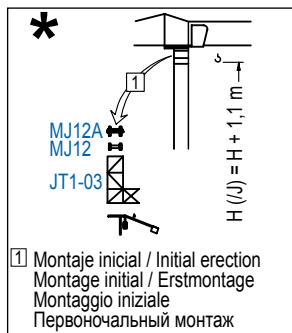
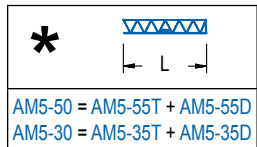
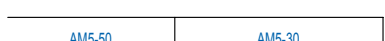
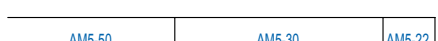
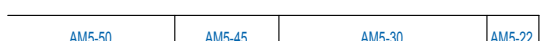
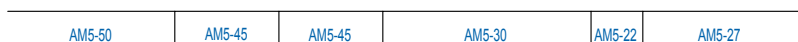
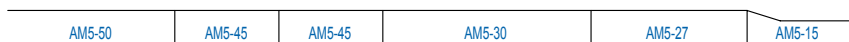
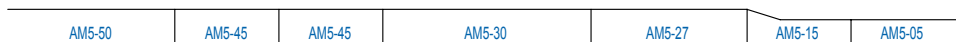
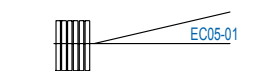
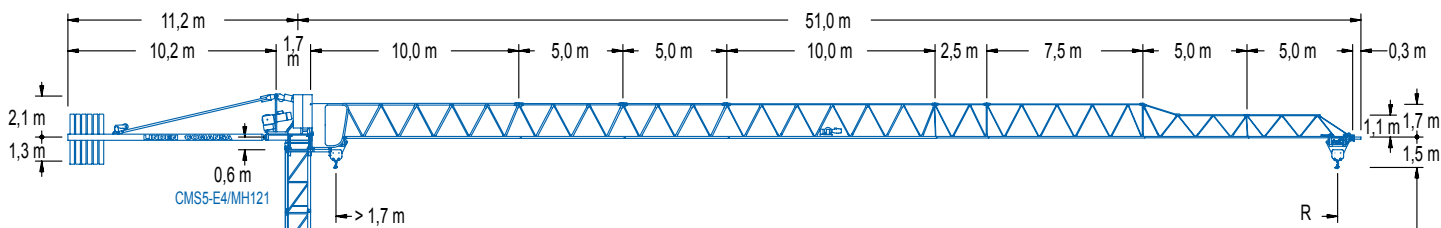


5 LC 5010

LC 500

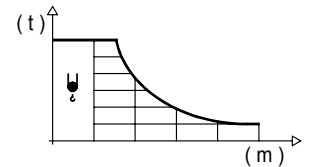
[illegible]

CE EN 14439
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DIAGRAMA DE CARGAS

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

R (m)	ψ	RC _{max} (m)	12,5	15,0	17,5	20,0	22,5	25,0	27,5	30,0	32,5	35,0	37,5	40,0	42,5	45,0	47,5	50,0	↔(m) ↓(kg)
50,0		27,8							2000	1830	1670	1530	1410	1310	1220	1140	1060	1000	
47,5		28,5							2000	1890	1720	1580	1460	1350	1260	1170	1100		
45,0		29,0							2000	1930	1760	1610	1490	1380	1280	1200			
42,5		33,1									2000	1880	1730	1610	1500				
40,0		32,9									2000	1860	1720	1600					
37,5		33,4									2000	1890	1750						
35,0		35,0										2000							
32,5		32,5									2000								
30,0		30,0								2000									
27,5		27,5							2000										
25,0		25,0						2000											
22,5		22,5				2000													
20,0		20,0			2000														



R (m)	ψ/ψ	RC _{max} (m)	12,5	15,0	17,5	20,0	22,5	25,0	27,5	30,0	32,5	35,0	37,5	40,0	42,5	45,0	47,5	50,0	↔(m) ↓(kg)
50,0		14,9	4000	3970	3330	2850	2480	2190	1950	1760	1590	1450	1330	1220	1120	1040	970	900	
47,5		15,3		4000	3420	2930	2550	2260	2010	1810	1640	1490	1370	1260	1160	1080	1000		
45,0		15,5		4000	3480	2980	2600	2300	2050	1840	1670	1520	1400	1280	1190	1100			
42,5		17,5			4000	3450	3010	2660	2380	2150	1950	1780	1640	1510	1400				
40,0		17,4		4000	3980	3420	2990	2640	2360	2130	1940	1770	1630	1500					
37,5		17,6			4000	3470	3030	2680	2400	2160	1960	1800	1650						
35,0		18,5			4000	3650	3190	2830	2530	2280	2080	1900							
32,5		18,6			4000	3690	3230	2860	2560	2310	2100								
30,0		18,9			4000	3750	3280	2910	2600	2350									
27,5		18,9			4000	3750	3280	2900	2600										
25,0		18,9			4000	3740	3270	2900											
22,5		19,0			4000	3770	3300												
20,0		18,9			4000	3750													

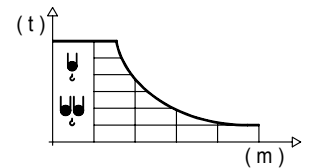
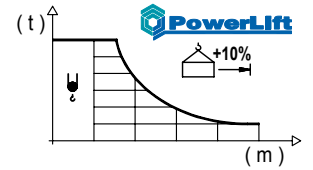


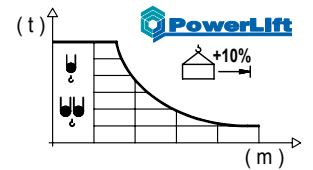
DIAGRAMA DE CARGAS POWERLIFT

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

R (m)	ψ	RC _{max} (m)	12,5	15,0	17,5	20,0	22,5	25,0	27,5	30,0	32,5	35,0	37,5	40,0	42,5	45,0	47,5	50,0	↔(m) ↓(kg)
50,0		30,0								2000	1830	1680	1550	1440	1340	1250	1170	1100	
47,5		30,9								2000	1880	1730	1600	1480	1380	1290	1210		
45,0		31,4								2000	1920	1770	1630	1520	1410	1320			
42,5		35,9										2000	1900	1770	1650				
40,0		35,8										2000	1900	1760					
37,5		36,2										2000	1920						
35,0		35,0										2000							
32,5		32,5								2000									
30,0		30,0							2000										
27,5		27,5						2000											
25,0		25,0					2000												
22,5		22,5				2000													
20,0		20,0			2000														



R (m)	ψ/ψ	RC _{max} (m)	12,5	15,0	17,5	20,0	22,5	25,0	27,5	30,0	32,5	35,0	37,5	40,0	42,5	45,0	47,5	50,0	↔(m) ↓(kg)
50,0		15,9		4000	3590	3080	2690	2370	2120	1910	1730	1580	1450	1330	1230	1140	1060	990	
47,5		16,3		4000	3700	3170	2770	2450	2190	1970	1790	1630	1500	1380	1270	1180	1100		
45,0		16,6		4000	3770	3240	2820	2500	2230	2010	1820	1670	1530	1410	1300	1210			
42,5		18,9			4000	3750	3280	2900	2600	2350	2140	1950	1800	1660	1540				
40,0		18,8			4000	3730	3260	2890	2580	2330	2120	1940	1790	1650					
37,5		19,0			4000	3770	3300	2920	2620	2360	2150	1970	1810						
35,0		20,0			4000	3990	3490	3100	2770	2510	2280	2090							
32,5		20,2			4000	3530	3130	2810	2540	2310									
30,0		20,5			4000	3590	3180	2850	2580										
27,5		20,5			4000	3600	3190	2860											
25,0		20,5			4000	3600	3190												
22,5		20,7			4000	3630													
20,0		20,0			4000														



MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

↑	225 m	ES3-13-10		
↓		13,2 kW		
		I	II	III
ψ	m/min	7,5	30	60
	kg	2000	2000	1100

↑	250 m	ES3-18-10		
↓		18 kW		
		I	II	III
ψ	m/min	10	38	76
	kg	2000	2000	1100

↑	225 m	EFU2-11-10		
↓		11 kW		
		I	II	III
ψ	m/min	10	38	76
	kg	2000	2000	1100

↑	250 m	EFU2-18-10		
↓		18 kW		
		I	II	III
ψ	m/min	10	38	76
	kg	2000	2000	1100

MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

	CS2-1.9
	1,9 kW
16 m/min 48 m/min	

	CFU-2.2	*
	2,2 kW	
0 ⇔ 80 m/min		

	GR-9.0
	90 Nm
0 ⇔ 0,8 rpm	

	TS2-3.0	TS2-4.5	TS2-5.5
	2 x 30 Nm	2 x 45 Nm	2 x 55 Nm
20 m/min			
	XR0H	XR2H	XR3H XR3H-A

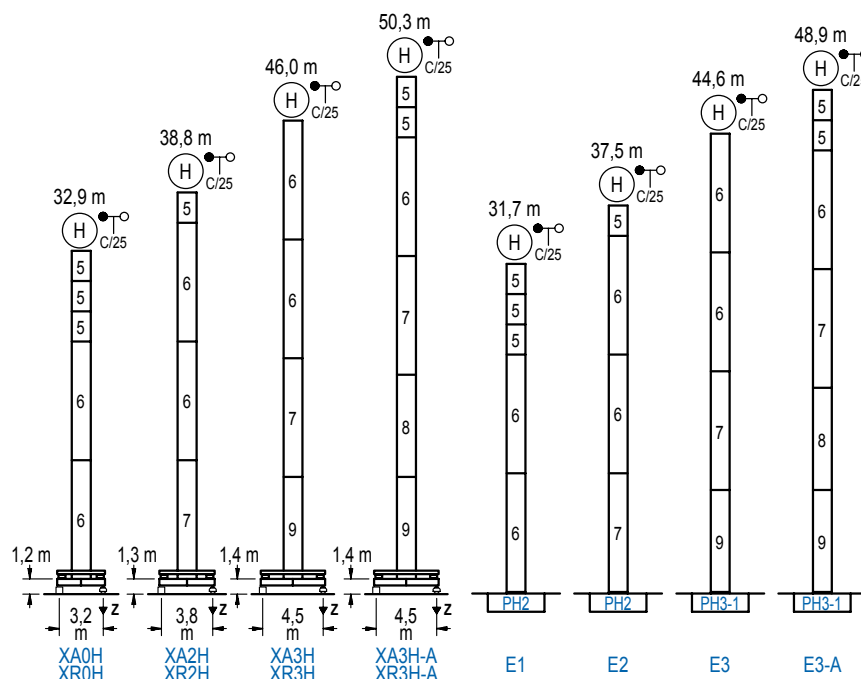
POTENCIA / POWER / PUISSANCE / LEISTUNG / POTENZA / МОЩНОСТЬ				Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Tensione di alimentazione / Напряжение источника питания	Generador / Generator Générateur / Generator Generatore / Генератор	
Elevación / Hoist / Levage / Hub / Sollevamento / Тип механизма (подъем)	Carro / Trolley / Chariot / Laufkatze / Carrello / Грузовая тележка	Giro / Slewing / Rotation / Drehbewegung / Rotazione / Поворот	Traslación / Travel / Translation / Verfahrbewegung / Traslazione / Ход			
ES3-13-10	CS2-1.9	GR-9.0	(2x) TS2-3.0	400 V	90 kVA	
ES3-18-10			(2x) TS2-4.5	3ph	107 kVA	
EFU2-11-10	CFU-2.2		(2x) TS2-5.5	50 Hz	48 kVA	
EFU2-18-10					60 kVA	

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

ALTURAS BAJO GANCHO

Heights under hook / Hauteurs sous crochet / Hakenhöhen / Altezza sotto gancio / Высота под крюком

∅ 12 m



n°	Ref.	∅	h
5	MH121	1,2	3,0
6	MH124-1	1,2	11,8
7	MH124A	1,2	11,8
8	MT123A	1,2	10,1
9	MT123	1,2	10,1

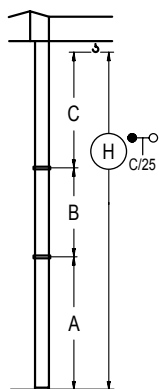
MH124-1 = 4x MH121 - 0,2 m

	H = H + 0,2 m
	H = H
	H = H
	H = H - 0,2 m

Z máx.	En servicio / In operation / En service / In Betrieb / In servizio / При работе	XR0H.....43 t XR2H.....42 t XR3H.....43 t XR3H-A.....48 t
	Fuera de servicio / Out of service / Hors service / Ausser Betrieb / Fuori servizio / В стационарном состоянии	XR0H.....42 t XR2H.....49 t XR3H.....64 t XR3H-A.....76 t

GRÚA ARRIOSTRADA

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

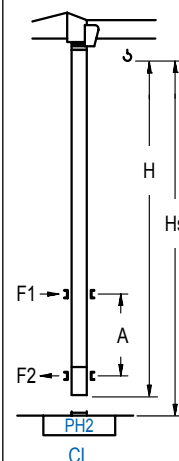


	XA0H	XA2H	XA3H	XA3H-A
A max	27,8	33,9	41,1	45,2
A min	16,0	16,1	23,3	33,4
B max	-	21,0	21,0	21,0
B min	-	12,0	12,0	12,0
C max	27,2	27,2	27,2	27,2
H max	55,0	76,0	61,1	82,1

	E1	E2	E3	E3-A
A max	26,6	32,6	39,7	43,8
A min	14,8	14,8	21,9	32,0
B max	-	21,0	21,0	21,0
B min	-	12,0	12,0	12,0
C max	27,2	27,2	27,2	27,2
H max	53,8	74,8	59,8	80,8

GRÚA TREPADORA

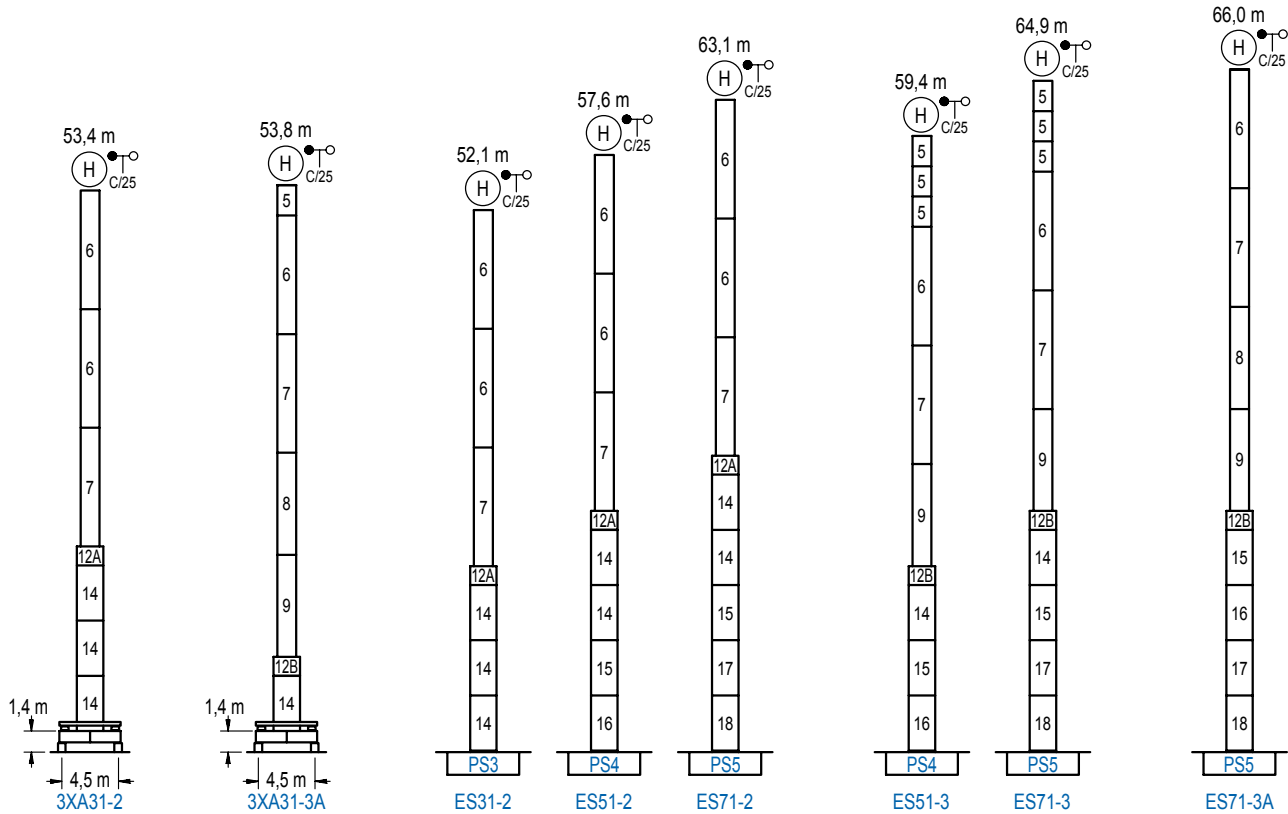
Internal climbing crane / Grue avec cage de télescopage intérieure / Kran
mit klettern im Gebäude / Gru in rampante in cavedio / Кран с самоподъемом



	Hs < 300 m	A max (m)	A min (m)
43,3 m 10x MH121 + 4x MT12-3A + CL20A	12,0	9,0	
40,3 m 9x MH121 + 4x MT12-3A + CL20A	12,0	8,0	
37,3 m 8x MH121 + 4x MT12-3A + CL20A	12,0	7,0	

n°	Ref.	∅	h
5	MH121	1,2	3
10	MT12-3A	1,2	2,9
11	CL20A	1,2	2,6

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



n°	Ref.	Ø	h	n°	Ref.	Ø	h	n°	Ref.	Ø	h
5	MH121	1,2	3,0	12A	TMS13/PMH12	1,6	1,0	16	S14	1,6	5,5
6	MH124-1	1,2	11,8	12B	TMS13/PMH13	1,6	1,0	17	TS15	1,6	5,5
7	MH124A	1,2	11,8	14	S13	1,6	5,5	18	S15	1,6	5,5
8	MT123A	1,2	10,1	15	TS14	1,6	5,5				
9	MT123	1,2	10,1								
MH124-1 = 4x MH121 - 0,2 m				1x S13 = 1x S13M				1x S15 = 1x S15M			

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