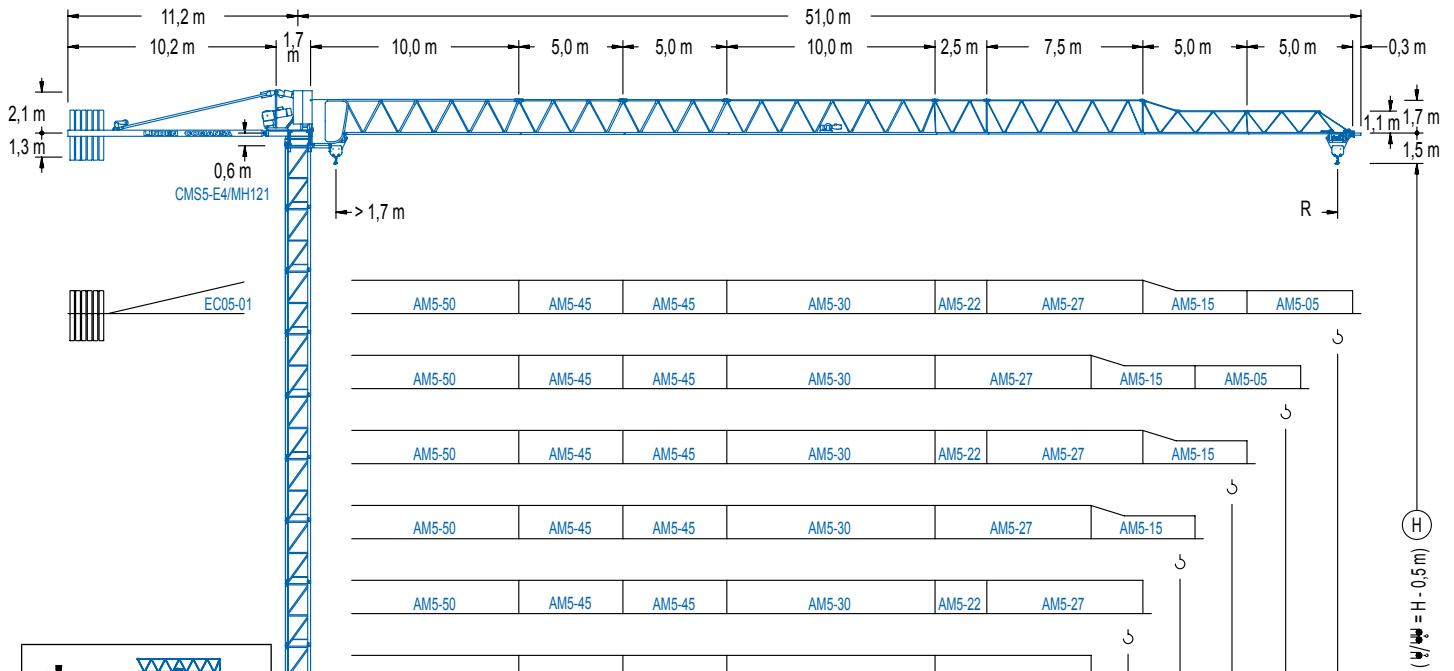



LC 500

5 LC 5010

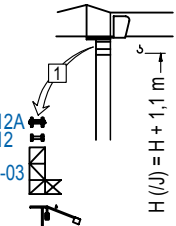
5 t



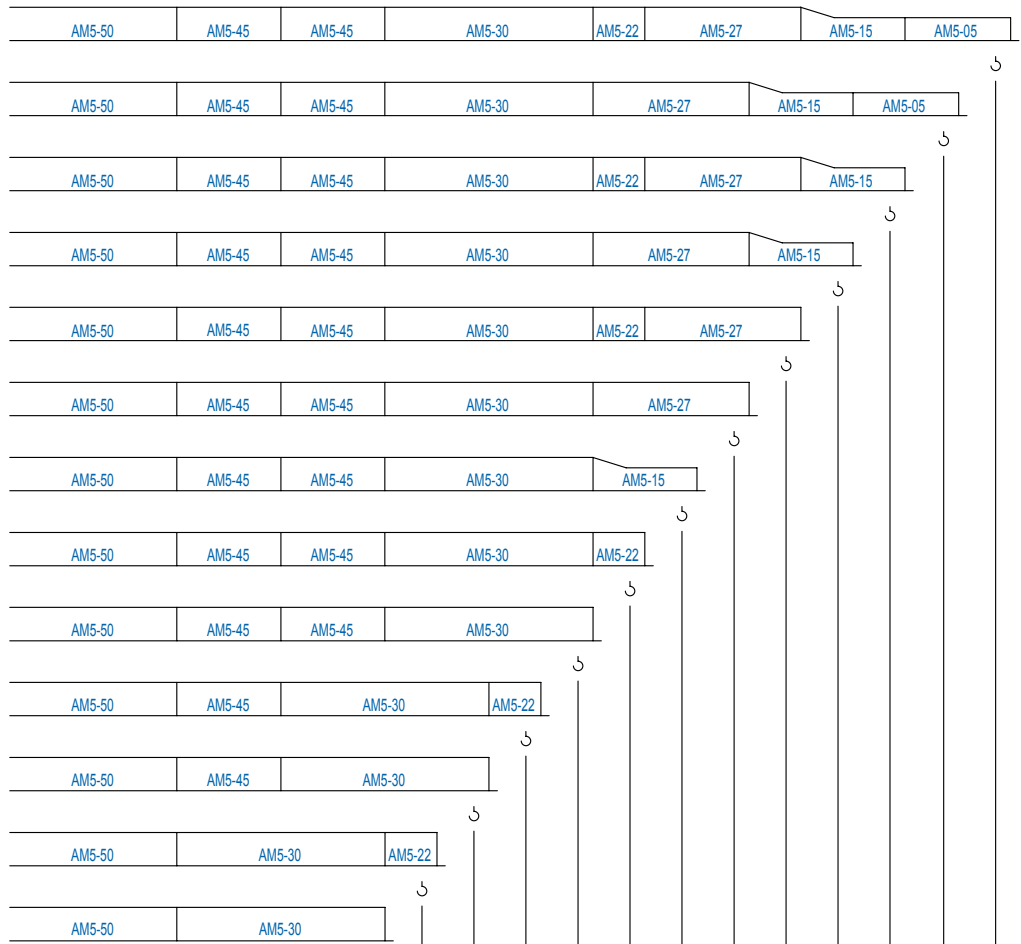
LC 500



*  L

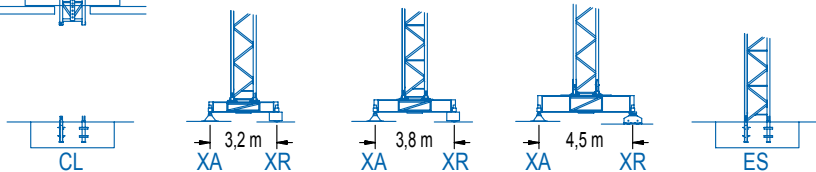
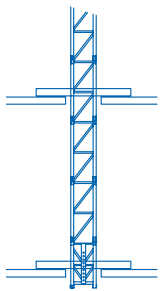
AM5-50 = AM5-55T + AM5-55D
 AM5-30 = AM5-35T + AM5-35D

*  H (J) = H + 1,1 m

1 Montaje inicial / Initial erection
 Montage initial / Erstmontage
 Montaggio iniziale
 Первоначальный монтаж



R	2500 20,0	2500 22,5	2500 25,0	2500 27,5	2500 30,0	2420 32,5	2200 35,0	1920 37,5	1600 40,0	1500 42,5	1200 45,0	1100 47,5	1000 50,0	m	kg
	2500	2500	2500	2500	2500	2420	2200	1920	1760	1650	1320	1210	1100	1100	1000
	4120	3630	3190	2860	2580	2310	2090	1810	1650	1540	1210	1100	990	990	900



 EN 14439 (C/25)

DIAGRAMA DE CARGAS

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

R (m)	ψ	RC _{max} (m)	10,0	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	22,8							2500	2260	2020	1830	1670	1530	1410	1310	1220	1140	1070	1000	
47,5	23,4							2500	2320	2090	1890	1720	1580	1460	1350	1260	1170	1100		
45,0	23,8							2500	2370	2130	1930	1760	1610	1490	1380	1280	1200			
42,5	27,1								2500	2460	2230	2040	1880	1730	1610	1500				
40,0	27,0								2500	2450	220	2030	1870	1720	1600					
37,5	27,4								2500	2490	2250	2060	1890	1750						
35,0	28,7								2500	2380	2170	2000								
32,5	29,0								2500	2410	2200									
30,0	29,5								2500	2450										
27,5	27,5								2500											
25,0	25,0								2500											
22,5	22,5						2500													
20,0	20,0					2500														

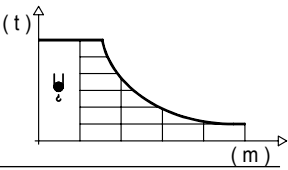
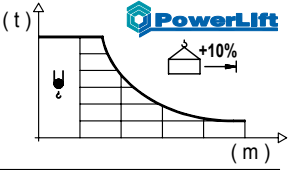


DIAGRAMA DE CARGAS POWERLIFT

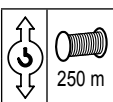
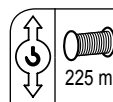
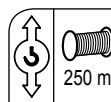
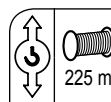
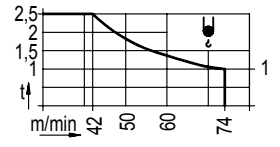
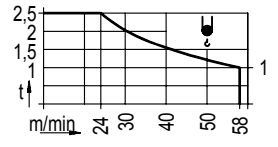
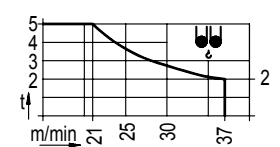
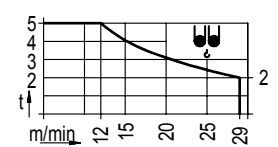
Load chart PowerLift / Diagramme de charges PowerLift / Lastdiagramm PowerLift / Diagramma di carico PowerLift / Диаграмма распределения нагрузки PowerLift

R (m)	ψ	RC _{max} (m)	10,0	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	24,6							2500	2460	2210	2000	1830	1680	1550	1440	1340	1250	1170	1100	
47,5	25,3								2500	2280	2060	1880	1730	1600	1480	1380	1290	1210		
45,0	25,8								2500	2330	2110	1920	1770	1630	1520	1410	1320			
42,5	29,4									2500	2450	2240	2060	1900	1770	1650				
40,0	29,3									2500	2440	2230	2050	1900	1760					
37,5	29,6									2500	2470	2260	2080	1920						
35,0	31,2										2500	2390	2200							
32,5	31,6										2500	2420								
30,0	30,0										2500									
27,5	27,5									2500										
25,0	25,0									2500										
22,5	22,5						2500													
20,0	20,0					2500														



MECANISMOS

Mechanisms / Mécanismes / Antriebe / Meccanismi / Механизмы

 <p>ES3-18-12 250 m 18 kW</p>	 <p>ES3-13-12 225 m 13,2 kW</p>	 <p>EFU2-18-12 250 m 18 kW</p>	 <p>EFU2-11-12 225 m 11 kW</p>																								
<table border="1"> <tr><th></th><th>I</th><th>II</th><th>III</th></tr> <tr><td>m/min</td><td>8</td><td>32</td><td>64</td></tr> <tr><td>kg</td><td>2500</td><td>2500</td><td>1300</td></tr> </table>		I	II	III	m/min	8	32	64	kg	2500	2500	1300	<table border="1"> <tr><th></th><th>I</th><th>II</th><th>III</th></tr> <tr><td>m/min</td><td>6</td><td>24</td><td>48</td></tr> <tr><td>kg</td><td>2500</td><td>2500</td><td>1300</td></tr> </table>		I	II	III	m/min	6	24	48	kg	2500	2500	1300		
	I	II	III																								
m/min	8	32	64																								
kg	2500	2500	1300																								
	I	II	III																								
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kg	2500	2500	1300																								
<table border="1"> <tr><th></th><th>I</th><th>II</th><th>III</th></tr> <tr><td>m/min</td><td>4</td><td>16</td><td>32</td></tr> <tr><td>kg</td><td>5000</td><td>5000</td><td>2600</td></tr> </table>		I	II	III	m/min	4	16	32	kg	5000	5000	2600	<table border="1"> <tr><th></th><th>I</th><th>II</th><th>III</th></tr> <tr><td>m/min</td><td>3</td><td>12</td><td>24</td></tr> <tr><td>kg</td><td>5000</td><td>5000</td><td>2600</td></tr> </table>		I	II	III	m/min	3	12	24	kg	5000	5000	2600		
	I	II	III																								
m/min	4	16	32																								
kg	5000	5000	2600																								
	I	II	III																								
m/min	3	12	24																								
kg	5000	5000	2600																								

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

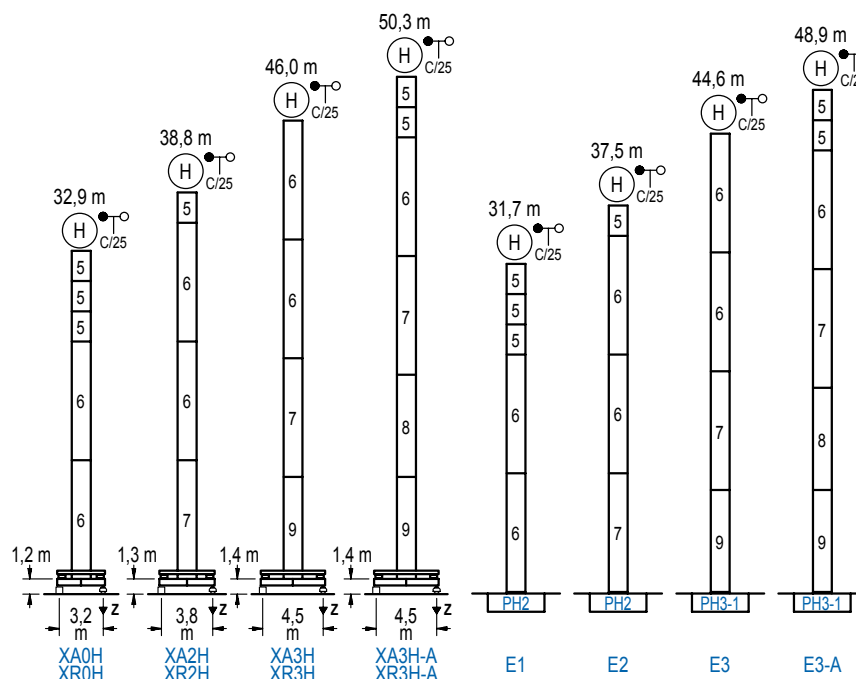
POTENCIA / POWER / PUISSANCE / LEISTUNG / POTENZA / МОЩНОСТЬ				Tensión de alimentación / Operating voltage / Tension de service / Betriebsspannung / Tensione di alimentazione / Напряжение источника питания	Generador / Generator / Générateur / Generator / Generatore / Генератор
Elevación / Hoist / Levage / Hub / Sollevamento / Тип механизма (подъем)	Carro / Trolley / Chariot / Laufkatze / Carrelo / Грузовая тележка	Giro / Slewing / Rotation / Drehbewegung / Rotazione / Поворот	Traslación / Travel / Translation / Verfahrbewegung / Traslazione / Ход	400 V 3ph 50 Hz	107 kVA 90 kVA 60 kVA 48 kVA
ES3-18-12	CS2-1.9	GR-9.0	(2x) TS2-3.0		107 kVA
ES3-13-12			(2x) TS2-4.5		90 kVA
EFU2-18-12	CFU-2.2	GR-9.0	(2x) TS2-5.5		60 kVA
EFU2-11-12					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

∅ 12 m



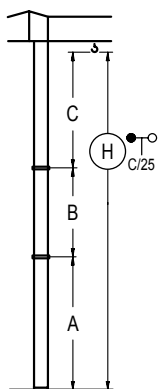
	n°	Ref.	∅	h
	5	MH121	1,2	3,0
	6	MH124-1	1,2	11,8
	7	MH124A	1,2	11,8
	8	MT123A	1,2	10,1
9	MT123	1,2	10,1	
MH124-1 = 4x MH121 - 0,2 m				

	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 / Нарастиваемый кран

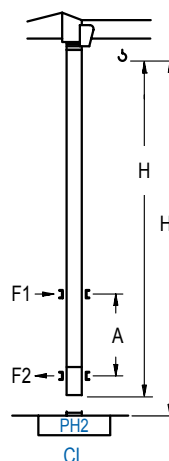


	XA0H	XA2H	XA3H	XA3H-A
A max	27,8	33,9	41,1	45,2
A min	16,0	16,1	23,3	33,4
B max	-	21,0	-	21,0
B min	-	12,0	-	12,0
C max	27,2	27,2	27,2	27,2
H max	55,0	76,0	61,1	82,1
	68,3	89,3	72,4	93,4

	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
B min	-	12,0	-	12,0
C max	27,2	27,2	27,2	27,2
H max	53,8	74,8	59,8	80,8
	66,9	87,9	71,0	92,0

GRÚA TREPADORA

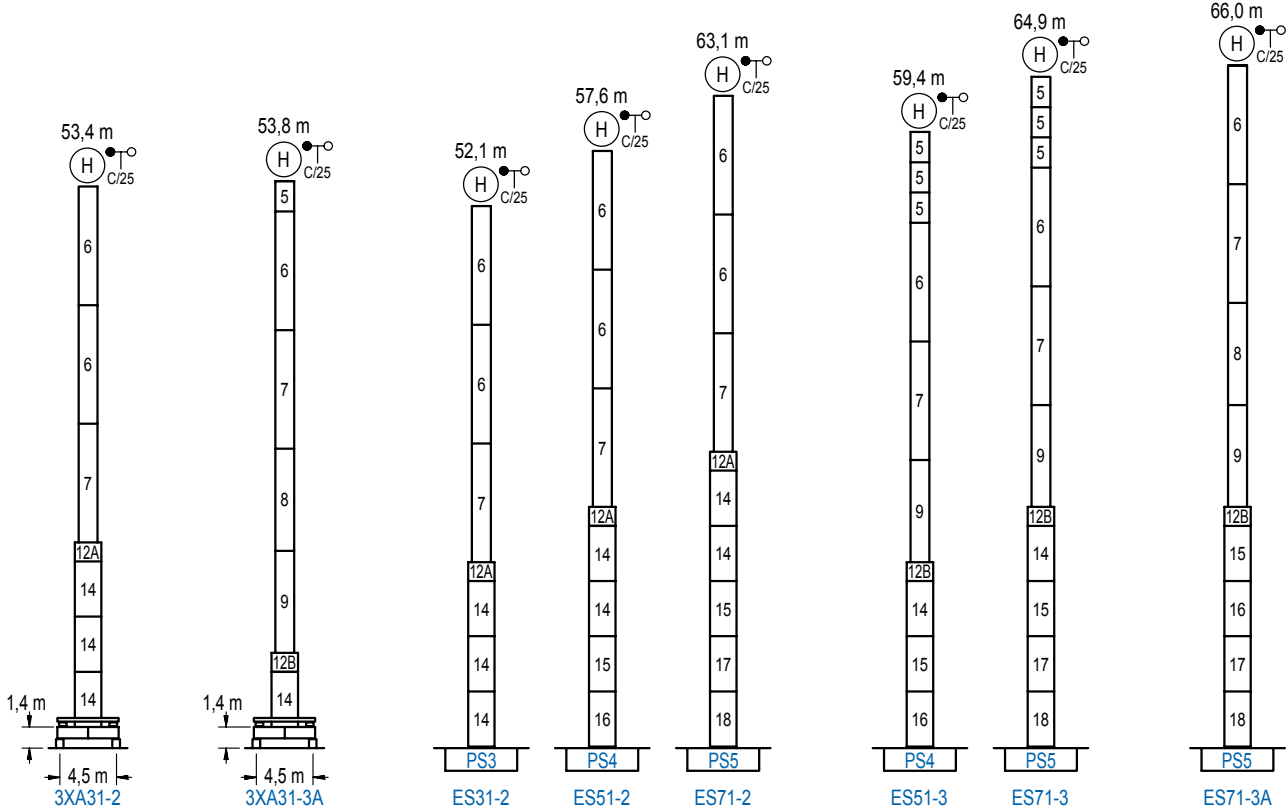
Internal climbing crane / Grue avec cage de télescopage intérieure / Kran mit klettern im Gebäude / Gru in rampante in cavedio / Кран с самоподъемом



	Hs < 300 m	A max	A min
		(m)	(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.	∅	h	n°	Ref.	∅	h	n°	Ref.	∅	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



Construcciones Metálicas COMANSA S. A.

Tel.: (+34) 948 335 020 / Fax: (+34) 948 330 810 / E-mail: info@comansa.com
 Polígono Urbizkain, Crta. Aoiz Nº1 31620 Huarte (Navarra)- SPAIN

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