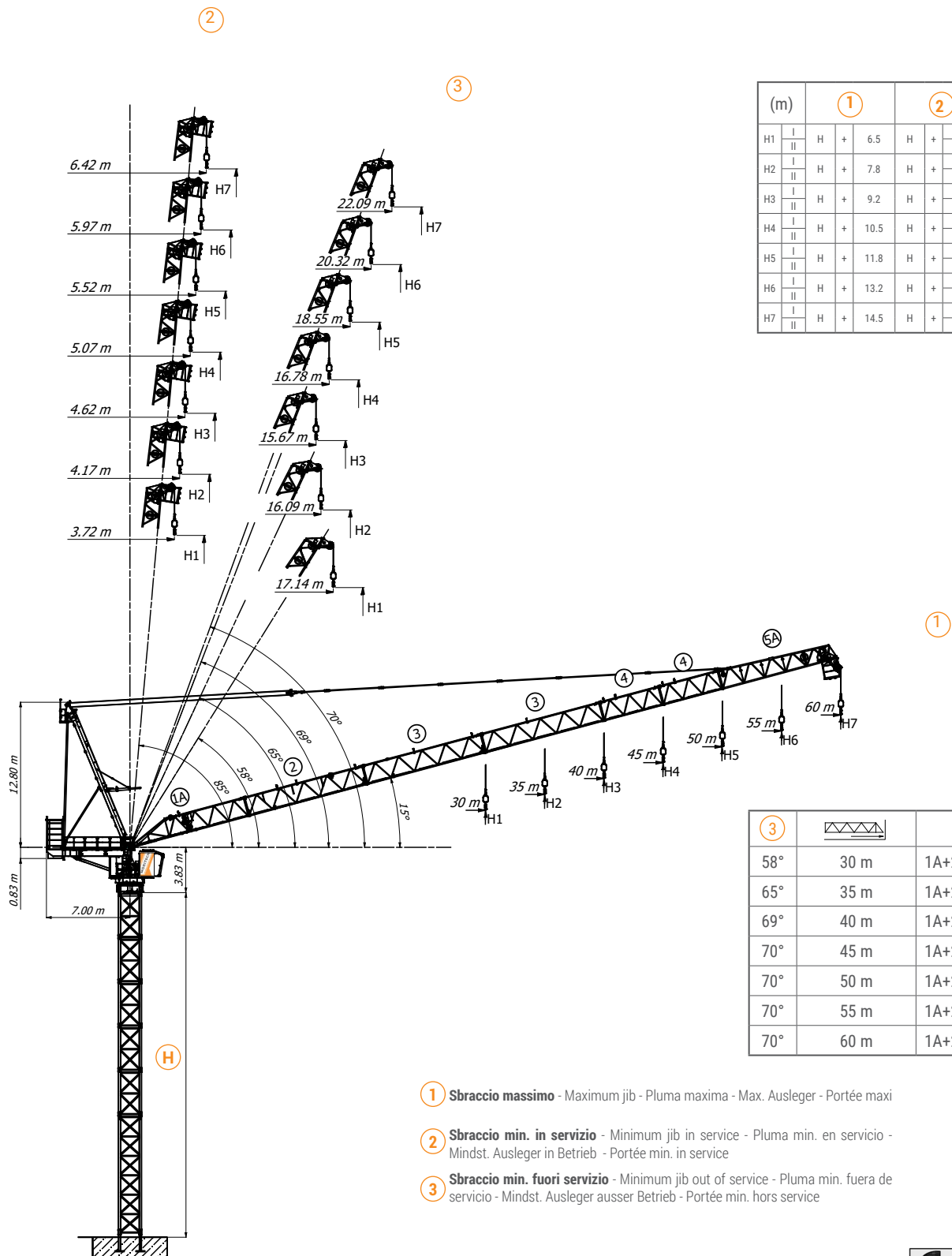




(m)	①	②	③
H1	$\frac{I}{II}$ H + 6.5	H + $\frac{26.2}{24.2}$	H + $\frac{22.7}{21.5}$
H2	$\frac{I}{II}$ H + 7.8	H + $\frac{31.4}{29.4}$	H + $\frac{28.9}{27.5}$
H3	$\frac{I}{II}$ H + 9.2	H + $\frac{36.6}{34.6}$	H + $\frac{34.6}{33.0}$
H4	$\frac{I}{II}$ H + 10.5	H + $\frac{41.7}{39.7}$	H + $\frac{39.6}{38.1}$
H5	$\frac{I}{II}$ H + 11.8	H + $\frac{46.9}{44.9}$	H + $\frac{44.5}{42.9}$
H6	$\frac{I}{II}$ H + 13.2	H + $\frac{52.0}{50.0}$	H + $\frac{49.4}{47.8}$
H7	$\frac{I}{II}$ H + 14.5	H + $\frac{57.2}{55.2}$	H + $\frac{54.2}{52.7}$

③		
58°	30 m	1A+2+5A
65°	35 m	1A+2+4+5A
69°	40 m	1A+2+3+5A
70°	45 m	1A+2+3+4+5A
70°	50 m	1A+2+3+3+5A
70°	55 m	1A+2+3+3+4+5A
70°	60 m	1A+2+3+3+4+4+5A

- 1 **Sbraccio massimo** - Maximum jib - Pluma maxima - Max. Ausleger - Portée maxi
- 2 **Sbraccio min. in servizio** - Minimum jib in service - Pluma min. en servicio - Mindst. Ausleger in Betrieb - Portée min. in service
- 3 **Sbraccio min. fuori servizio** - Minimum jib out of service - Pluma min. fuera de servicio - Mindst. Ausleger ausser Betrieb - Portée min. hors service

H **Altezza torre** - Tower height - Altura torre - Turmhohe - Hauteur de la tour



Diagramma di portata - Load diagrams - Curvas de cargas - Lastkurven - Courbes de charges - Грузоподъёмные характеристики

RTL 285 A - 18 NORMAL

	(t)	m	15	20	25	30	35	40	45	50	55	60	
	9	32,06	9,00	9,00	9,00	9,00	7,90	6,40	5,23	4,30	3,54	2,90	
	13,5	22,50	13,50	13,50	11,74	9,10	7,21	5,80	4,70	3,82	3,10	2,50	59,30 m*
	9	32,75	9,00	9,00	9,00	9,00	8,16	6,63	5,43	4,48	3,70		
	16	20,25	16,00	16,00	12,18	9,47	7,53	6,08	4,94	4,04	3,30		54,30 m*
	9	34,73	9,00	9,00	9,00	9,00	8,90	7,28	6,01	5,00			
	18	19,91	18,00	17,90	13,50	10,57	8,47	6,90	5,68	4,70			49,30 m*
	9	35,73	9,00	9,00	9,00	9,00	9,00	7,60	6,30				
	18	20,36	18,00	18,00	13,90	10,90	8,76	7,15	5,90				44,30 m*
	9	35,73	9,00	9,00	9,00	9,00	9,00	7,60	6,30				
	18	20,63	18,00	18,00	14,14	11,10	8,93	7,30					39,30 m*
	9	34,49	9,00	9,00	9,00	9,00	8,80						
	18	21,34	18,00	18,00	14,66	11,42	9,10						34,30 m*
	9	30,00	9,00	9,00	9,00	9,00	9,00						
	18	21,02	18,00	18,00	14,12	10,70							29,30 m*

Diagramma di portata - Load diagrams - Curvas de cargas - Lastkurven - Courbes de charges - Грузоподъёмные характеристики

RTL 285 A - 18 M-LIFT

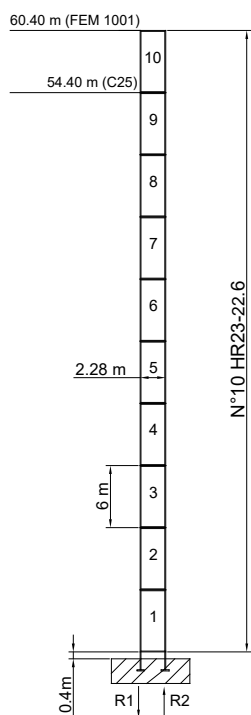
	(t)	m	15	20	25	30	35	40	45	50	55	60	
	9	33,39	9,00	9,00	9,00	9,00	8,40	6,84	5,62	4,65	3,85	3,19	
	13,5	23,35	13,50	13,50	12,34	9,60	7,64	6,18	5,03	4,12	3,37	2,75	59,30 m*
	9	34,30	9,00	9,00	9,00	9,00	8,74	7,13	5,89	4,89	4,07		
	16	21,15	16,00	16,00	12,91	10,07	8,05	6,53	5,35	4,40	3,63		54,30 m*
	9	36,64	9,00	9,00	9,00	9,00	9,00	7,90	6,57	5,50			
	18	20,97	18,00	18,00	14,44	11,35	9,14	7,49	6,20	5,17			49,30 m*
	9	37,89	9,00	9,00	9,00	9,00	9,00	8,31	6,93				
	18	21,56	18,00	18,00	14,96	11,79	9,52	7,81	6,49				44,30 m*
	9	38,05	9,00	9,00	9,00	9,00	9,00	8,36					
	18	21,95	18,00	18,00	15,31	12,07	9,76	8,03					39,30 m*
	9	35,00	9,00	9,00	9,00	9,00	9,00	9,00					
	18	22,73	18,00	18,00	15,93	12,48	10,01						34,30 m*
	9	30,00	9,00	9,00	9,00	9,00	9,00						
	18	22,34	18,00	18,00	15,40	11,77							29,30 m*

(*) Distanza del bozzello per configurazione tiro II - Distance of hoisting block for configuration II fall - Distancia de bloqueo para configuración II - Blockdistanz für Pull-Konfiguration II - Distance du bloc de levage pour II brins - Блок-дистанция для конфигурации тяги II

Altezza torre - Tower height - Altura torre - Turmhohe - Hauteur de la tour - ИСПОЛНЕНИЯ БАШНИ

HR23

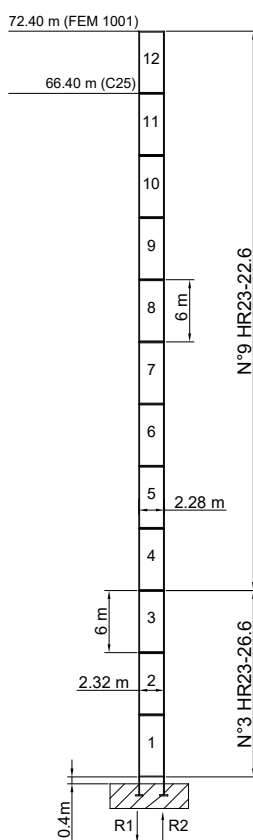
RT1	SERVICE	OUT OF SERVICE
R1	- 2440 kN	- 3920 kN
R2	1790 kN	3350 kN
V	1310 kN	



RT1

MAX H (m)		
	FEM 1001	C 25
30	60.40	54.40
35	60.40	54.40
40	54.40	48.40
45	54.40	48.40
50	54.40	48.40
55	48.40	42.40
60	48.40	42.40

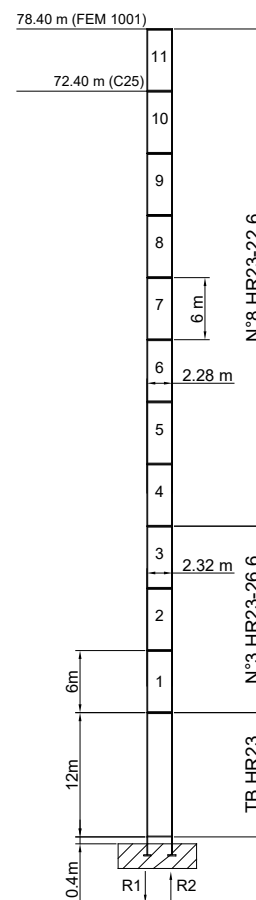
RT2	SERVICE	OUT OF SERVICE
R1	- 2650 kN	- 5260 kN
R2	1950 kN	4640 kN
V	1400 kN	



RT2

MAX H (m)		
	FEM 1001	C 25
30	72.40	66.40
35	66.40	60.40
40	66.40	60.40
45	66.40	60.40
50	60.40	54.40
55	60.40	54.40
60	54.40	48.40

RTB	SERVICE	OUT OF SERVICE
R1	- 3100 kN	- 7200 kN
R2	2320 kN	6500 kN
V	1550 kN	



RTB

MAX H (m)		
	FEM 1001	C 25
30	78.40	72.40
35	78.40	72.40
40	78.40	72.40
45	72.40	66.40
50	72.40	66.40
55	66.40	60.40
60	66.40	60.40

Altezze diverse e combinazioni di torre sono disponibili; consultateci - Different height and tower combinations are available; please consult us

Hay diferentes alturas y combinaciones de torre disponibles. Consúltenos - Andere Höhen und Turmkombinationen auf Anfrage

Différentes hauteurs et combinaisons de tour sont disponibles; nous consulter

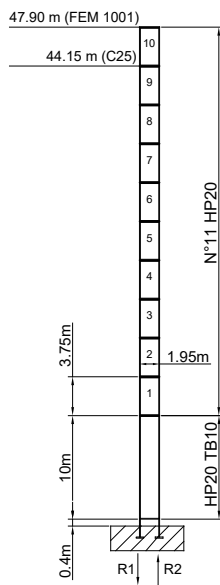
Возможны другие сочетания высоты и конфигурации башни; проконсультируйтесь с нами

Altezza torre - Tower height - Altura torre - Turmhohe - Hauteur de la tour - ИСПОЛНЕНИЯ БАШНИ

HP20

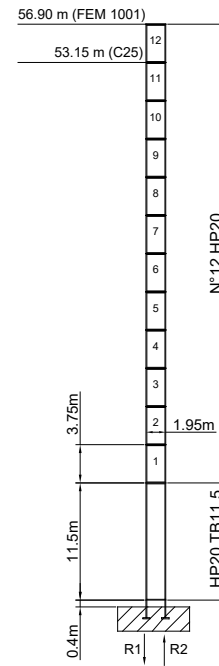
RTB1 RAP1	SERVICE	OUT OF SERVICE
R1	- 2400 kN	- 2970 kN
R2	1800 kN	2450 kN
V	1200 kN	

RTB RAP	SERVICE	OUT OF SERVICE
R1	- 2670 kN	- 4340 kN
R2	2030 kN	3770 kN
V	1300 kN	



RTB1
RAP1

	MAX H (m)	
	FEM 1001	C 25
30	47.90	44.15
35	44.15	40.40
40	44.15	40.40
45	40.40	36.65
50	40.40	36.65
55	36.65	32.90
60	36.65	32.90



RTB
RAP

	MAX H (m)	
	FEM 1001	C 25
30	56.90	53.15
35	53.15	49.40
40	53.15	49.40
45	49.40	45.65
50	49.40	45.65
55	45.65	41.90
60	41.90	41.90

Altezze diverse e combinazioni di torre sono disponibili; consultateci - Different height and tower combinations are available; please consult us

Hay diferentes alturas y combinaciones de torre disponibles. Consúltenos - Andere Höhen und Turmkombinationen auf Anfrage

Différentes hauteurs et combinaisons de tour sont disponibles; nous consulter

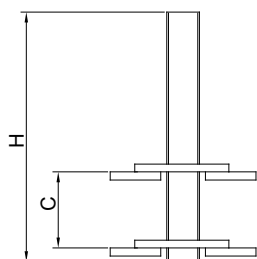
Возможны другие сочетания высоты и конфигурации башни; проконсультируйтесь с нами

Zavorramento - Counterweight - Bloque de contrapeso - Gegengewichtsblöcke - Bloc de contrepoid - Плиты противовеса

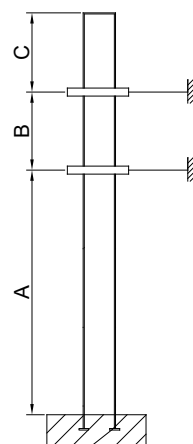
	60m			55m			50m			45m			40m			35m			30m		
	D	B	C	D	B	C	D	B	C	D	B	C	D	B	C	D	B	C	D	B	C
	1	5	0	1	5	0	1	5	0	1	5	0	1	5	0	1	4	1	1	4	1
	29500 kg			29500 kg			29500 kg			29500 kg			29500 kg			26500 kg			26500 kg		

Altre Installazioni - Other configurations - Otras Implantaciones - Aufstellmöglichkeiten - Autres Im-plantations -
Другие варианты компоновки башни

INTERNAL CLIMBING



EXTERNAL CLIMBING



C25 - H<120m

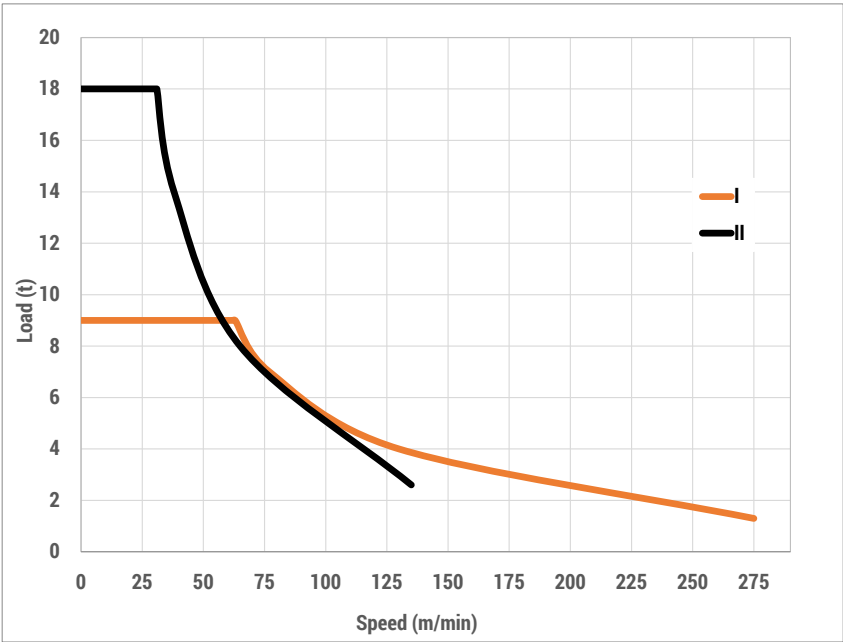
HR23 22.6			
	A min/max (m)	B min/max (m)	C max (m)
30m	28/40	24/36	44
35m	28/40	22/34	42
40m	22/34	20/32	40
45m	22/34	20/30	38
50m	22/34	20/28	36
55m	22/28	20/26	32
60m	22/28	18/24	30

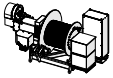
HP20			
	A min/max (m)	B min/max (m)	C max (m)
i			

HP20		
	H (m)	C (m)
i		

i Altezze diverse e combinazioni di torre sono disponibili; consultateci - Different height and tower combinations are available; please consult us
 Hay diferentes alturas y combinaciones de torre disponibles. Consúltenos - Andere Höhen und Turmkombinationen auf Anfrage
 Différentes hauteurs et combinaisons de tour sont disponibles; nous consulter
 Возможны другие сочетания высоты и конфигурации башни; проконсультируйтесь с нами

Meccanismi - Mechanisms- Mecanismos - Antriebe - Mécanismes - Приводы



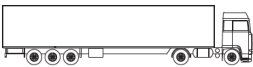
110 HVF 180		t	m/min
 110 kW		9	0 → 62
		7	0 → 77
		4	0 → 130
		1.3	0 → 275
 max 850 m		18	0 → 31
		14	0 → 38
		8	0 → 65
		2.6	0 → 135

	67	kW	15° → 85°	1.8	min
	2 x 11	kW	0 →	0.8	rpm

 2000/14/CEE 2005/88/CEE	 2006/95/CEE	400 V	50 Hz	I _{max} =	377	A	Fuse=	400	A	MACHINE RATING	MAX GENERATOR
		460 V	60Hz	I _{max} =	328	A	Fuse=	350	A	250 kVA	400 kVA

Ingombri e pesi - Dimensions and weight - Dimensões e pesos - Abmessungen und Gewicht - Encombrent et poids - Габариты, размеры и вес

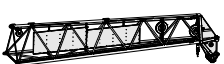
(*)  60 m - 110HVF180



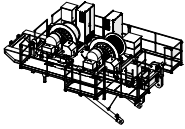
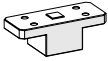
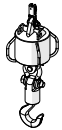
X7



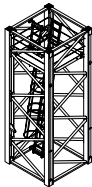
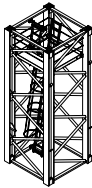
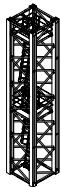
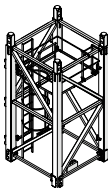
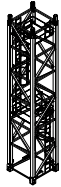
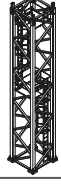
X8

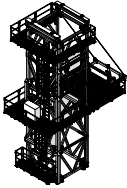
(*) Parte rotante - Slewing crane part - Parte rotativa - Drehender Kranteil - Partie tournante - Поворотная часть			Lunghezza Lenght Longitud Länge Longueur длина	Larghezza Width Anchura Breite Largeur ширина	Altezza Height Altura Höhe Hauteur высота	Quantità Quantity Cantidad Menge Quantité Количество	Peso Weight Peso Gewicht Poids вес
Tronco braccio Jib section Elemento de flecha Auslegerelement Elément de flèche Секция стрелы	1		10,56 m	1,79 m	2,01 m	1	2035 kg
	2		10,53 m	1,79 m	2,00 m	1	1345 kg
	3		10,53 m	1,79 m	2,00 m	2	1155 kg
	4		5,36 m	1,79 m	1,87 m	2	586 kg
	5A		10,28 m	1,79 m	2,85 m	1	1740 kg

Ingombri e pesi - Dimensions and weight - Dimensões e pesos - Abmessungen und Gewicht - Encombrent et poids - Габариты, размеры и вес

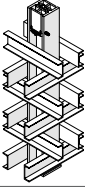
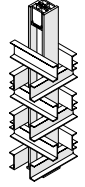
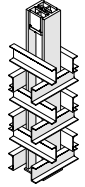
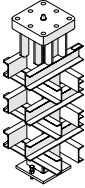
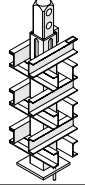
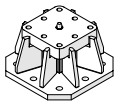
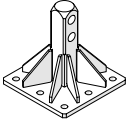
(*) Parte rotante - Slewing crane part - Parte rotativa - Drehender Kranteil - Partie tournante - Поворотная часть		Lunghezza Length Longitud Länge Longueur длина	Larghezza Width Anchura Breite Largeur ширина	Altezza Height Altura Höhe Hauteur высота	Quantità Quantity Cantidad Menge Quantité Количество	Peso Weight Peso Gewicht Poids вес
Controbraccio - Counterjib - Contraflecha - Gegenausleger - Contre-flèche - Контрстрела		7,59 m	4,77 m	4,20 m	1	19200 kg
Cuspide - A-Frame - Caballette de pluma - Porte-flèche - портал стрелы		6,94 m	2,46 m	13,04 m	1	5670 kg
Cabina - Cabin - Cabina - Kabine - Кабина	FM15 	4,62 m	1,92 m	2,53 m	1	2200 kg
Rotazione - Slewing unit - Rotacion - Drehen - Orientation - вращение HR23		3,15 m	2,59 m	2,99 m	1	11800 kg
Rotazione - Slewing unit - Rotacion - Drehen - Orientation - вращение HP20		2,82 m	2,59 m	3,36 m	1	11200 kg
Zavorramento - Counterweight - Bloque de contrapeso - Gegenge- wichtsblöcke - Bloc de contrepoid - Плиты противовеса	D 	2,95 m	1,20 m	0,83 m	1	4500 kg
	B 	4,00 m	1,25 m	0,47 m	5	5000 kg
	C 	2,94 m	1,25 m	0,27 m	1	2000 kg
Bozzello - Block assembly - Gancho inferior - Block - Moufle - Полиспаст I		0,62 m	0,62 m	1,60 m	1	400 kg
Bozzello - Block assembly - Gancho inferior - Block - Moufle - Полиспаст II		1,15 m	0,58 m	1,89 m	1	800 kg

Ingombri e pesi - Dimensions and weight - Dimensões e pesos - Abmessungen und Gewicht - Encombrent et poids - Габариты, размеры и вес

Torre - Tower - Torre - Turm - Tour - Башня		Lunghezza Lenght Longitud Länge Longueur длина	Larghezza Width Anchura Breite Largeur ширина	Altezza Height Altura Höhe Hauteur высота	Peso Weight Peso Gewicht Poids вес
HR23 22.6		6,00 m	2,28 m	2,29 m	4815 kg
HR23 26.6		6,00 m	2,32 m	2,34 m	6266 kg
HR23 TB12		12,00 m	2,36 m	2,39 m	14986 kg
HP20 3.75		3,75 m	1,95 m	2,10 m	2972 kg
HP20 TB10		10,00 m	1,95 m	2,10 m	7000 kg
HP20 TB11.5		11,50 m	1,95 m	2,10 m	9360 kg

Accessori - Accessories - Accesorios - Zubehör - Accessoires - аксессуары		Lunghezza Lenght Longitud Länge Longueur длина	Larghezza Width Anchura Breite Largeur ширина	Altezza Height Altura Höhe Hauteur высота	Peso Weight Peso Gewicht Poids вес
Gabbia di telescopaggio - Telescoping cage - Teleskopkäfig - Cage télescopique HR23		11,98 m	4,14 m	4,16 m	22730 kg

Ingombri e pesi - Dimensions and weight - Dimensões e pesos - Abmessungen und Gewicht - Encombrent et poids - Габариты, размеры и вес

Ancoraggi - Anchors - Anclajes - Verankerungen - Anchorages - Анкеры		Lunghezza Lenght Longitud Länge Longueur длина	Larghezza Width Anchura Breite Largeur ширина	Altezza Height Altura Höhe Hauteur высота	Peso Weight Peso Gewicht Poids вес
HR23-22 RT1		2,02 m	0,80 m	0,80 m	490 kg
HR23-26 RT2		2,62 m	0,80 m	0,80 m	830 kg
HR23-30 RTB		2,62 m	0,80 m	0,80 m	1030 kg
HP20 RTB		1,74 m	0,70 m	0,70 m	565 kg
HP20 RTB1		1,92 m	0,60 m	0,60 m	420 kg
HP20 RAP		0,44 m	0,72 m	0,72 m	470 kg
HP20 RAP1		0,69 m	0,65 m	0,65 m	270 kg

MORITSCH CRANES S.R.L.

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