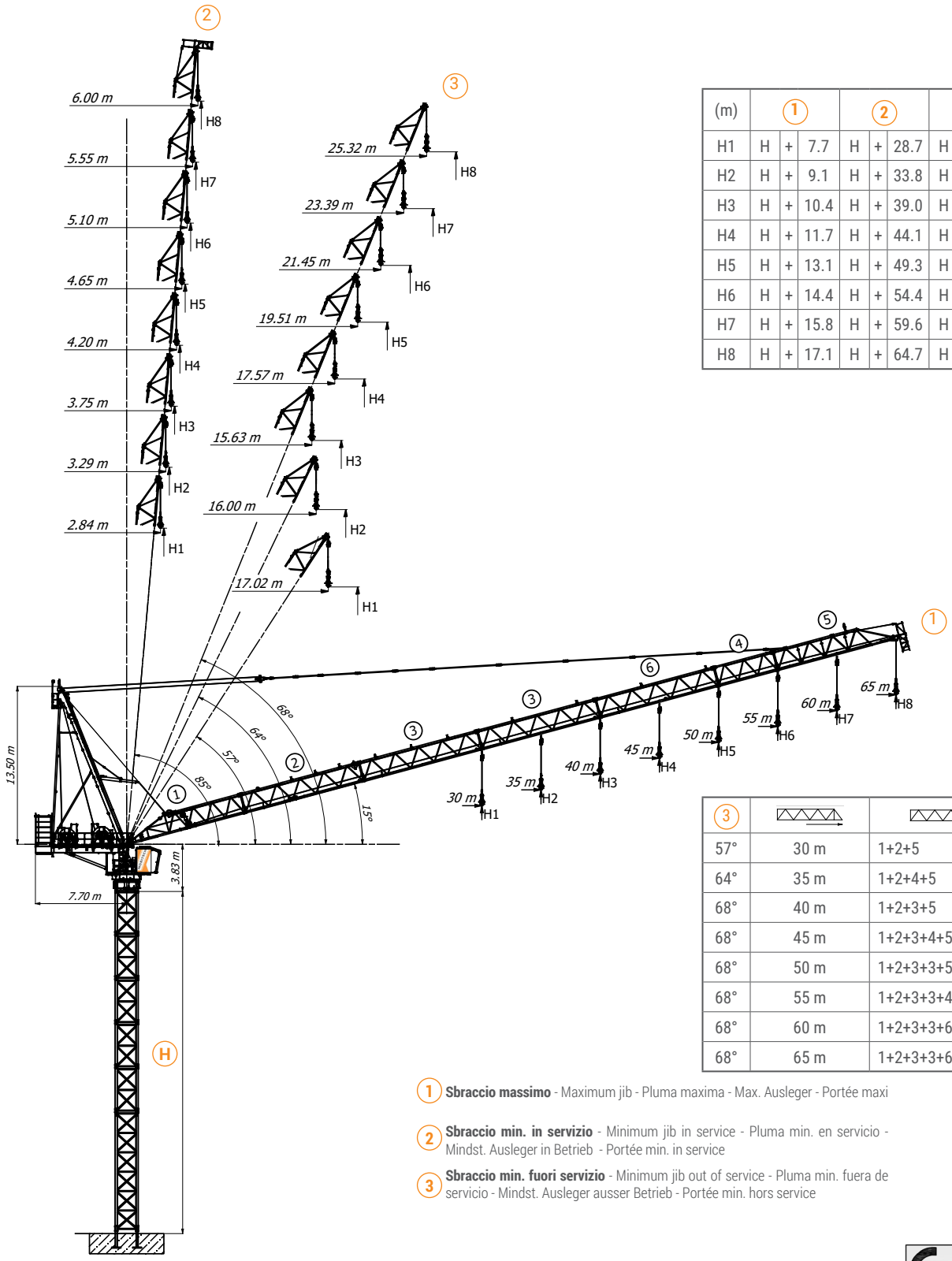
LUFFING JIB TOWER CRANE

RTL 325 B - 20



(m)	1			2			3		
H1	H	+	7.7	H	+	28.7	H	+	24.5
H2	H	+	9.1	H	+	33.8	H	+	30.9
H3	H	+	10.4	H	+	39.0	H	+	36.6
H4	H	+	11.7	H	+	44.1	H	+	41.4
H5	H	+	13.1	H	+	49.3	H	+	46.2
H6	H	+	14.4	H	+	54.4	H	+	51.0
H7	H	+	15.8	H	+	59.6	H	+	55.8
H8	H	+	17.1	H	+	64.7	H	+	60.6

3		
57°	30 m	1+2+5
64°	35 m	1+2+4+5
68°	40 m	1+2+3+5
68°	45 m	1+2+3+4+5
68°	50 m	1+2+3+3+5
68°	55 m	1+2+3+3+4+5
68°	60 m	1+2+3+3+6+5
68°	65 m	1+2+3+3+6+4+5

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

EN 14439
FEM1001
FEM1005

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RTL 325 B - 20

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

RTL 325 B - 20 NORMAL

(t)	m	15	20	25	30	35	40	45	50	55	60	65
10	**27,93**	10,00	10,00	10,00	9,12	7,41	6,14	5,14	4,35	3,70	3,16	**2,70**
10	**34,47**	10,00	10,00	10,00	10,00	9,79	8,05	6,70	5,62	4,74	**4,00**	
15	**25,13**	15,00	15,00	15,00	11,90	9,61	7,90	6,57	5,50	4,63	**3,90**	
10	**36,28**	10,00	10,00	10,00	10,00	10,00	8,69	7,27	6,13	**5,20**		
15	**25,92**	15,00	15,00	15,00	12,40	10,04	8,28	6,90	5,80	**4,90**	*	
18	**22,40**	18,00	18,00	15,70	12,40	10,04	8,28	6,90	5,80	**4,90**		
10	**37,59**	10,00	10,00	10,00	10,00	10,00	9,15	7,68	**6,50**			
15	**26,96**	15,00	15,00	15,00	13,07	10,61	8,78	7,34	**6,20**	*		
20	**21,37**	20,00	20,00	16,50	13,07	10,61	8,78	7,34	**6,20**			
10	**38,62**	10,00	10,00	10,00	10,00	10,00	9,51	**8,00**				
15	**27,80**	15,00	15,00	15,00	13,60	11,07	9,18	**7,70**	*			
20	**22,03**	20,00	20,00	17,14	13,60	11,07	9,18	**7,70**				
10	**38,87**	10,00	10,00	10,00	10,00	10,00	**9,60**					
15	**28,06**	15,00	15,00	15,00	13,77	11,21	**9,30**	*				
20	**22,24**	20,00	20,00	17,34	13,77	11,21	**9,30**					
10	**35,00**	10,00	10,00	10,00	10,00	**10,00**						
15	**28,11**	15,00	15,00	15,00	13,75	**11,10**	*					
20	**22,44**	20,00	20,00	17,46	13,75	**11,10**						
10	**30,00**	10,00	10,00	10,00	**10,00**							
15	**27,90**	15,00	15,00	15,00	**13,50**	*						
20	**22,61**	20,00	20,00	17,48	**13,50**							

(*) + 200 kg
utilizzando bozzello singolo - using single hoist block - usando un solo bloque - verwenden eines einzelnen Block - utilisation d'un seul moufle - с помощью одного блока

V.4 - 10/22 - Subject to change without notice

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

RTL 325 B-20 M-LIFT

(t)	m	15	20	25	30	35	40	45	50	55	60	65
10	**29,30**	10,00	10,00	10,00	9,70	7,92	6,58	5,53	4,70	4,02	3,45	**2,97**
10	**36,17**	10,00	10,00	10,00	10,00	10,00	8,65	7,23	6,10	5,17	**4,40**	
15	**26,36**	15,00	15,00	15,00	12,68	10,28	8,49	7,09	5,97	5,05	**4,29**	
10	**38,30**	10,00	10,00	10,00	10,00	10,00	9,40	7,90	6,70	**5,72**		
15	**27,33**	15,00	15,00	15,00	13,30	10,81	8,95	7,50	6,34	**5,39**	*	
18	**23,62**	18,00	18,00	16,78	13,30	10,81	8,95	7,50	6,34	**5,39**		
10	**39,89**	10,00	10,00	10,00	10,00	10,00	9,96	8,40	**7,15**			
15	**28,59**	15,00	15,00	15,00	14,10	11,50	9,55	8,03	**6,82**	*		
20	**22,66**	20,00	20,00	17,74	14,10	11,50	9,55	8,03	**6,82**			
10	**41,17**	10,00	10,00	10,00	10,00	10,00	10,00	**8,80**				
15	**29,62**	15,00	15,00	15,00	14,76	12,06	10,04	**8,47**	*			
20	**23,47**	20,00	20,00	18,53	14,76	12,06	10,04	**8,47**				
10	**40,00**	10,00	10,00	10,00	10,00	10,00	**10,00**					
15	**30,01**	15,00	15,00	15,00	15,00	12,28	**10,23**	*				
20	**23,78**	20,00	20,00	18,83	15,01	12,28	**10,23**					
10	**35,00**	10,00	10,00	10,00	10,00	**10,00**						
15	**30,07**	15,00	15,00	15,00	15,00	**12,21**	*					
20	**24,01**	20,00	20,00	19,01	15,05	**12,21**						
10	**30,00**	10,00	10,00	10,00	**10,00**							
15	**29,79**	15,00	15,00	15,00	**14,85**	*						
20	**24,15**	20,00	20,00	19,10	**14,85**							

(*) + 200 kg
utilizzando bozzello singolo - using single hoist block - usando un solo bloque - verwenden eines einzelnen Block - utilisation d'un seul moufle - с помощью одного блока

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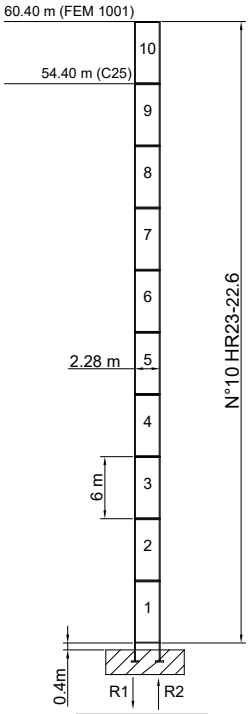
Altezza torre - Tower height - Altura torre - Turmhohe - Hauteur de la tour - ИСПОЛНЕНИЯ БАШНИ

HR23

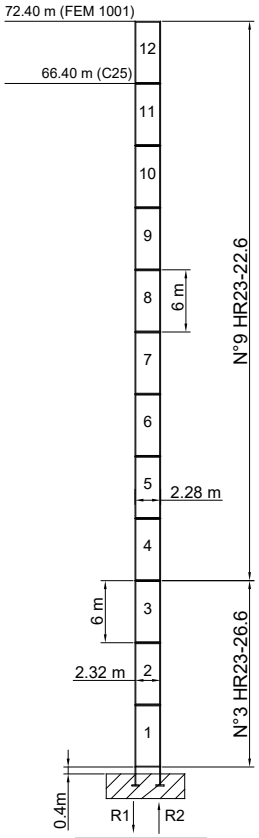
RT1	SERVICE	OUT OF SERVICE
R1	- 2240 kN	- 4120 kN
R2	1620 kN	3570 kN
V	1260 kN	

RT2	SERVICE	OUT OF SERVICE
R1	- 2640 kN	- 4930 kN
R2	1940 kN	4330 kN
V	1390 kN	

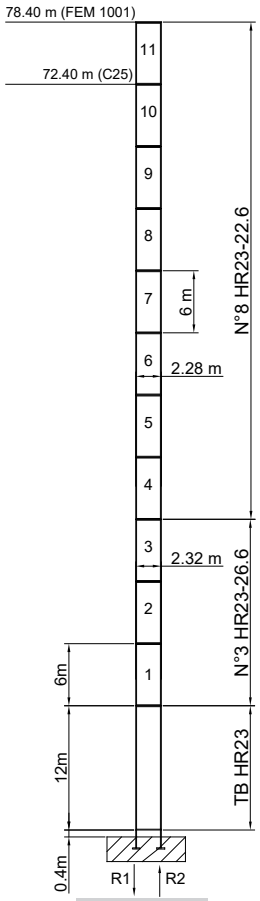
RTB	SERVICE	OUT OF SERVICE
R1	- 3090 kN	- 6800 kN
R2	2320 kN	6130 kN
V	1540 kN	



RT1



RT2



RTB

MAX H (m)		
	FEM 1001	C 25
30	60.40	54.40
35	54.40	54.40
40	54.40	48.40
45	54.40	48.40
50	48.40	48.40
55	48.40	42.40
60	48.40	42.40
65	42.40	42.40

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	54.40
65	54.40	48.40

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
65	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

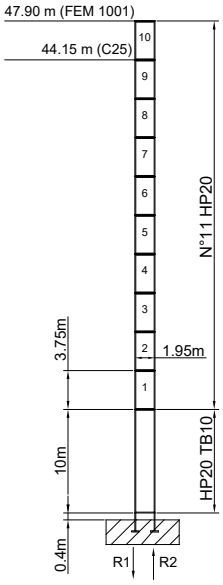
V.4 - 10/22 - Subject to change without notice

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

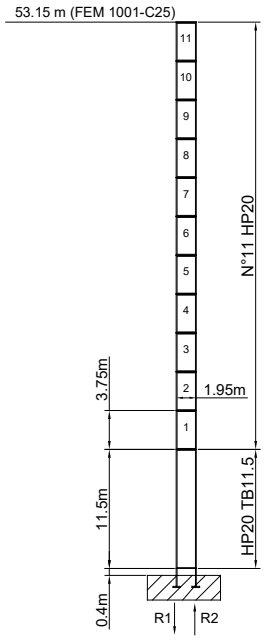
HP20

RTB1 RAP1	SERVICE	OUT OF SERVICE
R1	- 2860 kN	- 3240 kN
R2	2200 kN	2710 kN
V	1320 kN	

RTB RAP	SERVICE	OUT OF SERVICE
R1	- 3020 kN	- 3920 kN
R2	2330 kN	3380 kN
V	1370 kN	



RTB1 RAP1



RTB RAP

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
65	32.90	29.15

MAX H (m)		
	FEM 1001	C 25
30	53.15	53.15
35	49.40	49.40
40	49.40	49.40
45	45.65	45.65
50	45.65	45.65
55	41.90	41.90
60	41.90	41.90
65	38.15	38.15

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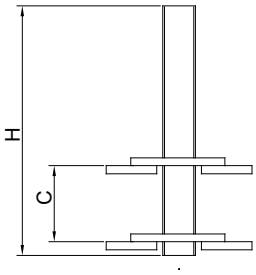
Zavorramento - Counterweight - Bloque de contrapeso - Gegengewichtsblöcke - Bloc de contrepoid - Плиты противовеса

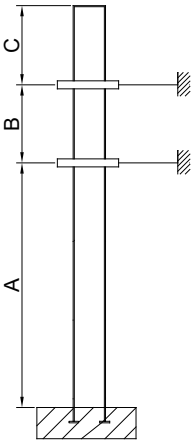
	65m			60m			55m			50m			45m			40m			35m			30m		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
	1	5	0	1	5	0	1	5	0	1	5	0	1	5	0	1	5	0	1	4	1	1	4	1
	30000 kg			30000 kg			30000 kg			30000 kg			30000 kg			30000 kg			27000 kg			27000 kg		

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	20/26	34
55m	22/28	18/24	32
60m	22/28	16/22	30
65m	22/28	14/20	28

HP20		
	H (m)	C (m)
ⓘ		

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

ⓘ **Altezze diverse e combinazioni di torre sono disponibili; consultateci** - Different height and tower combinations are available; please consult us
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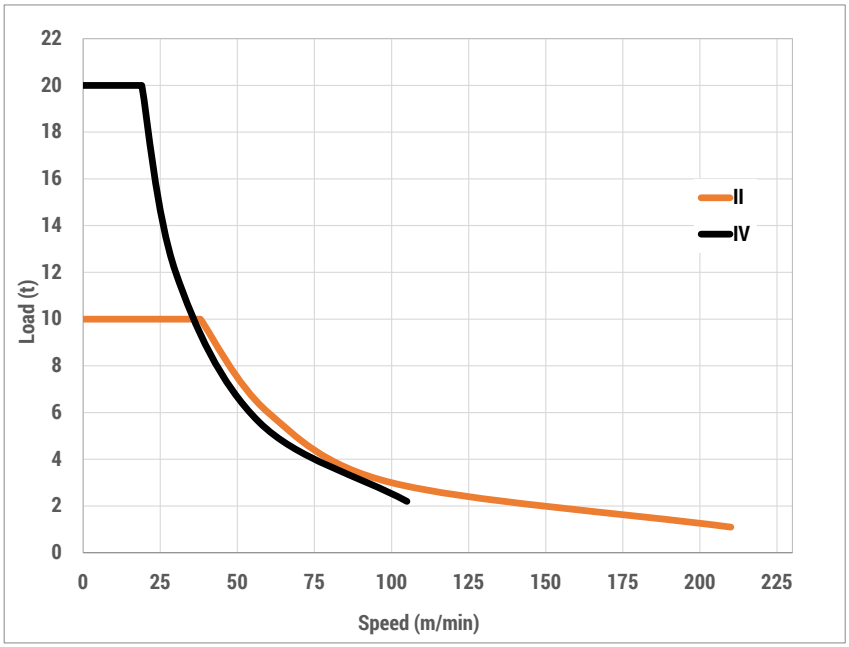
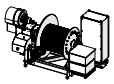
V.4 - 10/22 - Subject to change without notice

Meccanismi - Mechanisms- Mecanismos - Antriebe - Mécanismes - Приводы



80 HVF 100		t	m/min
 80 kW		10	0 → 38
		6	0 → 60
		3	0 → 100
		1.1	0 → 210
		15	0 → 25
		11.2	0 → 33
		8	0 → 44
		1.65	0 → 140
max 970 m		20	0 → 19
		12	0 → 30
		5.6	0 → 57
		2.2	0 → 105

	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	Imax=	320	A	Fuse=	350	A	MACHINE RATING	MAX GENERATOR
		460 V	60Hz	Imax=	278	A	Fuse=	300	A	212 kVA	339 kVA

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RTL 325 B - 20

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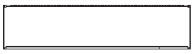
Ingombri e pesi - Dimensions and weight - Dimensões e pesos - Abmessungen und Gewicht - Encombrement et poids - Габариты, размеры и вес

(*) 65 m - 80HVF100

X7

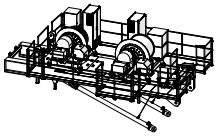
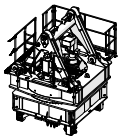
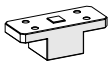
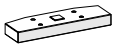
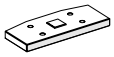
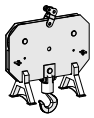
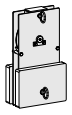


X8

(*) **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	1,84 m	2,00 m	1	2380 kg
	2		10,52 m	1,79 m	1,79 m	1	1345 kg
	3		10,52 m	1,79 m	1,79 m	2	1155 kg
	4		5,35 m	1,79 m	1,79 m	1	586 kg
	5		10,61 m	1,80 m	1,90 m	1	1525 kg
	6		10,52 m	1,79 m	1,79 m	1	1155 kg

V.4 - 10/22 - Subject to change without notice

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

(*) **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
Controbraccio - Counterjib - Contraflecha - Gegenausleger - Contre-flèche - Контрстрела			8,28 m	4,77 m	2,85 m	1	18300 kg
Cuspide - A-Frame - Caballette de pluma - Porte-flèche - портал стрелы			7,39 m	2,46 m	14,04 m	1	6300 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	11900 kg
Rotazione - Slewing unit - Rotacion - Drehen - Orientation - вращение **HP20**			2,82 m	2,59 m	3,36 m	1	11350 kg
Zavorramento - Counterweight - Bloque de contrapeso - Gegengewichtsblöcke - Bloc de contrepoid - Плиты противовеса	A		2,95 m	1,20 m	1,02 m	1	5000 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			1,25 m	0,53 m	1,47 m	1	480 kg
Bozzellino - Auxiliary hoist block - Gancio superior - Block - Moufle auxiliaire - Полиспаст			0,57 m	0,42 m	1,02 m	1	360 kg

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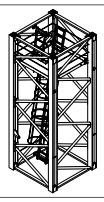
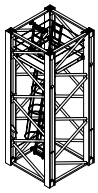
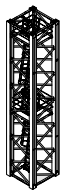
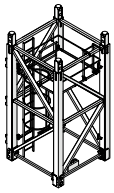
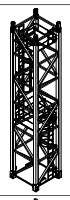
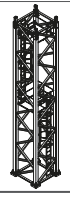
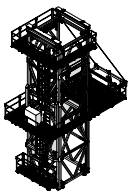
Ingombri e pesi - Dimensions and weight - Dimensões e pesos - Abmessungen und Gewicht - Encombrement et poids - Габариты, размеры и вес

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

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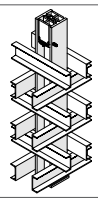
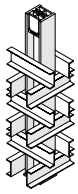
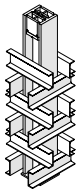
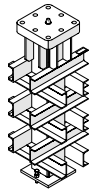
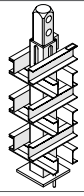
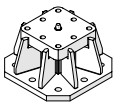
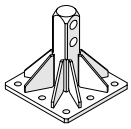
Ingombri e pesi - Dimensions and weight - Dimensões e pesos - Abmessungen und Gewicht - Encombrement et poids - Габариты, размеры и вес

Ancoraggi - Anchors - Anclajes - Verankerungen - Anchorages - Анкера		**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

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