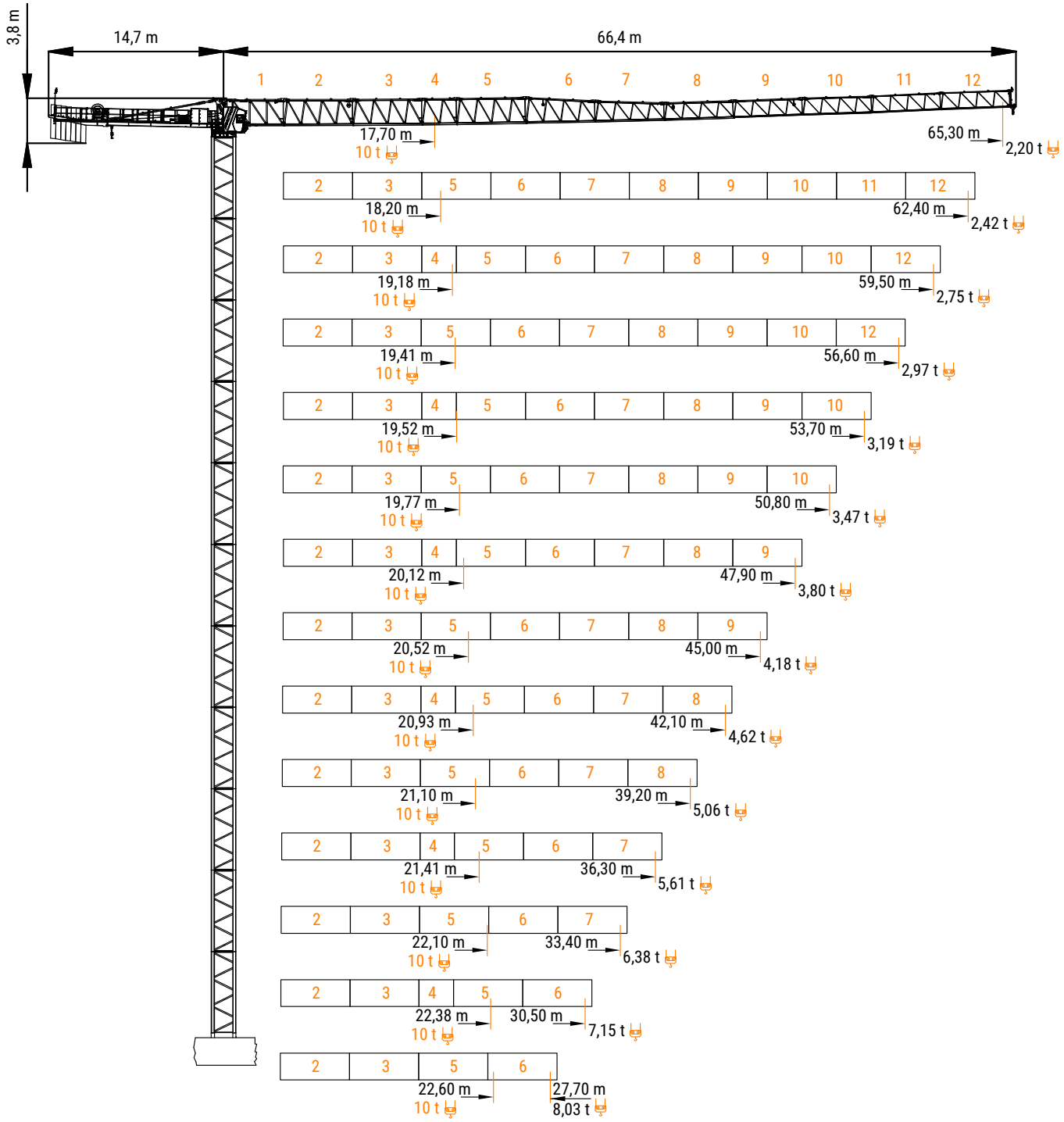
FLAT TOP TOWER CRANE

ABRAMS® KRANE

RTM 200 L - 10



EN 14439
FEM1001
FEM1005

MORITSCH 1962

MORITSCH 1962

ABRAMS® KRANE

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

RTM 200 L - 10 NORMAL

(t)	m	27,70	30,50	33,40	36,30	39,20	42,10	45,00	47,90	50,80	53,70	56,60	59,50	62,40	65,30
10	**16,48**	5,66	5,08	4,58	4,16	3,80	3,49	3,22	2,98	2,77	2,58	2,42	2,26	2,13	**2,00**
10	**16,91**	5,83	5,23	4,72	4,29	3,92	3,60	3,32	3,08	2,86	2,67	2,50	2,34	**2,20**	
10	**17,79**	6,17	5,54	5,00	4,55	4,16	3,82	3,53	3,27	3,05	2,85	2,66	**2,50**		
10	**17,99**	6,25	5,61	5,06	4,60	4,21	3,87	3,58	3,32	3,09	2,88	**2,70**			
10	**18,07**	6,28	5,64	5,09	4,63	4,23	3,89	3,60	3,34	3,11	**2,90**				
10	**18,28**	6,36	5,71	5,16	4,69	4,29	3,95	3,65	3,38	**3,15**					
10	**18,58**	6,48	5,82	5,25	4,78	4,37	4,02	3,72	**3,45**						
10	**18,93**	6,61	5,94	5,36	4,88	4,47	4,11	**3,80**							
10	**19,28**	6,75	6,06	5,48	4,98	4,56	**4,20**								
10	**19,42**	6,80	6,11	5,52	5,02	**4,60**									
10	**19,68**	6,90	6,20	5,60	**5,10**										
10	**20,29**	7,14	6,42	**5,80**											
10	**20,52**	7,23	**6,50**												
10	**20,71**	**7,30**													

V.11 - 10/22 - Subject to change without notice

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

RTM 200 L -10 M-LIFT

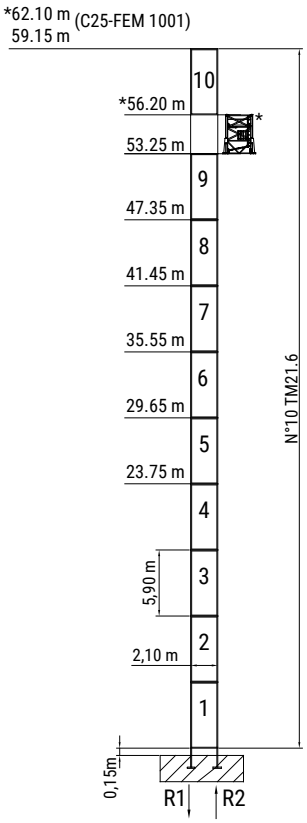
(t)	m	27,70	30,50	33,40	36,30	39,20	42,10	45,00	47,90	50,80	53,70	56,60	59,50	62,40	65,30
10	17,70	6,14	5,51	4,97	4,52	4,13	3,80	3,51	3,25	3,03	2,83	2,65	2,48	2,33	**2,20**
10	18,20	6,33	5,68	5,13	4,66	4,27	3,92	3,63	3,36	3,13	2,93	2,74	2,57	**2,42**	
10	19,18	6,71	6,03	5,45	4,95	4,54	4,18	3,86	3,59	3,34	3,12	2,93	**2,75**		
10	19,41	6,80	6,11	5,52	5,02	4,60	4,23	3,92	3,64	3,39	3,17	**2,97**			
10	19,52	6,84	6,15	5,55	5,05	4,63	4,26	3,94	3,66	3,41	**3,19**				
10	19,77	6,94	6,24	5,63	5,13	4,70	4,33	4,00	3,72	**3,47**					
10	20,12	7,07	6,36	5,75	5,23	4,79	4,41	4,08	**3,80**						
10	20,52	7,23	6,50	5,87	5,35	4,90	4,52	**4,18**							
10	20,93	7,39	6,64	6,01	5,47	5,01	**4,62**								
10	21,10	7,45	6,70	6,06	5,52	**5,06**									
10	21,41	7,57	6,81	6,16	**5,61**										
10	22,10	7,84	7,05	**6,38**											
10	22,38	7,94	**7,15**												
10	22,60	**8,03**													

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

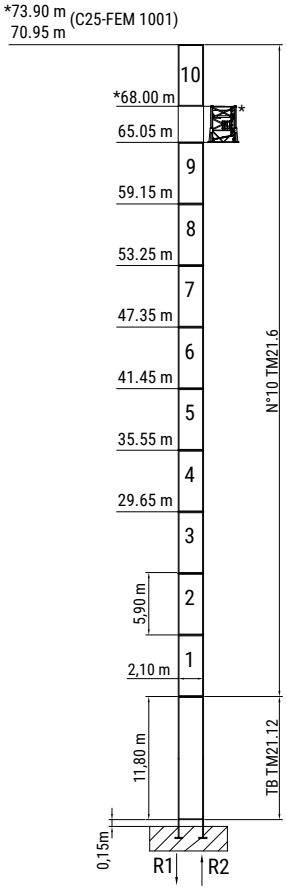
TM21

RT1 RAP1	SERVICE	OUT OF SERVICE
R1	- 1200 kN	- 1700 kN
R2	760 kN	1310 kN
V	875 kN	

RTB	SERVICE	OUT OF SERVICE
R1	- 1450 kN	- 2400 kN
R2	980 kN	2000 kN
V	940 kN	



RT1 RAP1



RTB

MAX H (m)		
	FEM 1001	C 25
27,70 ->65,30	59,15	59,15

MAX H (m)		
	FEM 1001	C 25
27,70 ->65,30	70,95	70,95

*** Traliccio per sopraelevazione** - Section for external climbing - Treillis pour l'élévation externe - Sección para elevación externa - внешней секцией для подъема

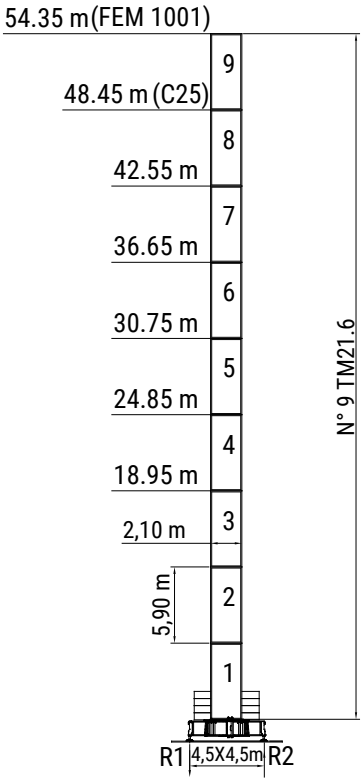
Altezze diverse e combinazioni di torre sono disponibili; consultateci - Different height and tower combinations are available; please consult us
Hay diferentes alturas y combinaciones de torre disponibles. Consúltenos - Andere Höhen und Turmkombinationen auf Anfrage
Différentes hauteurs et combinaisons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

V.11 - 10/22 - Subject to change without notice

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

TM21

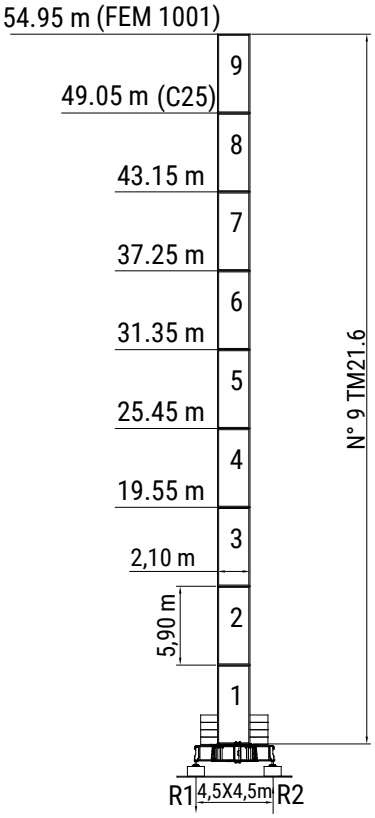
F4	SERVICE	OUT OF SERVICE
R1	- 910 kN	- 1110 kN
R2	- 80 kN	0 kN
V	765 kN	



F4

MAX H (m)		
	FEM 1001	C 25
27,70 ->36,30	54,35	48,45
39,20 ->65,30	48,45	42,55

FP4	SERVICE	OUT OF SERVICE
R1	- 910 kN	- 1110 kN
R2	- 80 kN	0 kN
V	765 kN	



FP4

MAX H (m)		
	FEM 1001	C 25
27,70 ->36,30	54,95	49,05
39,20 ->65,30	49,05	43,15

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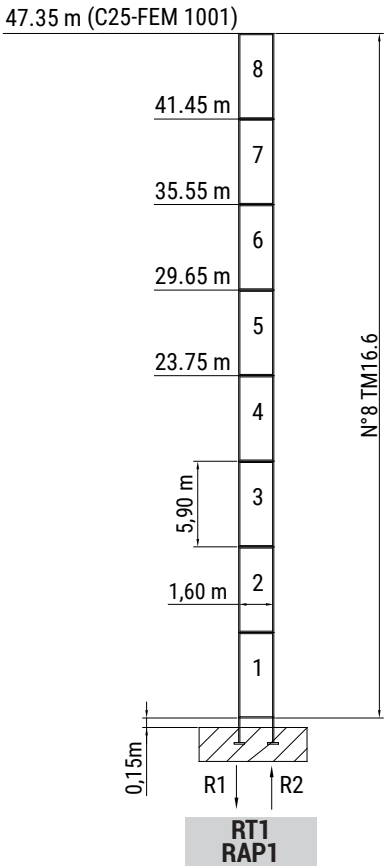
Altezza torre - Tower height - Altura torre - Turmhohe - Hauteur de la tour - ИСПОЛНЕНИЯ БАШНИ

TM16

RT1 RAP1	SERVICE	OUT OF SERVICE
R1	- 1500 kN	- 1500 kN
R2	1110 kN	1600 kN
V	790 kN	



MAX H (m)		
	FEM 1001	C 25
27,70 ->65,30	47,35	47,35

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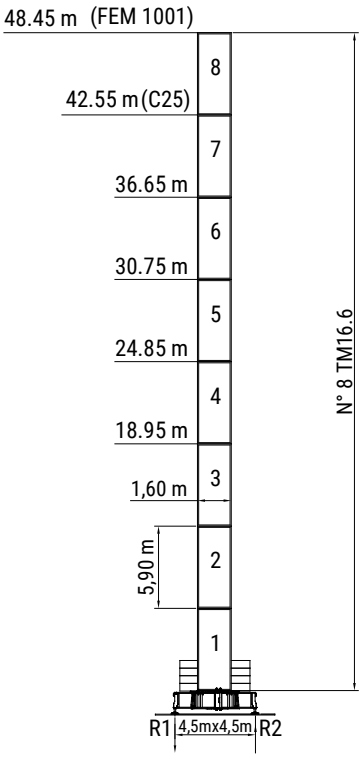
Altezza torre - Tower height - Altura torre - Turmhohe - Hauteur de la tour - ИСПОЛНЕНИЯ БАШНИ

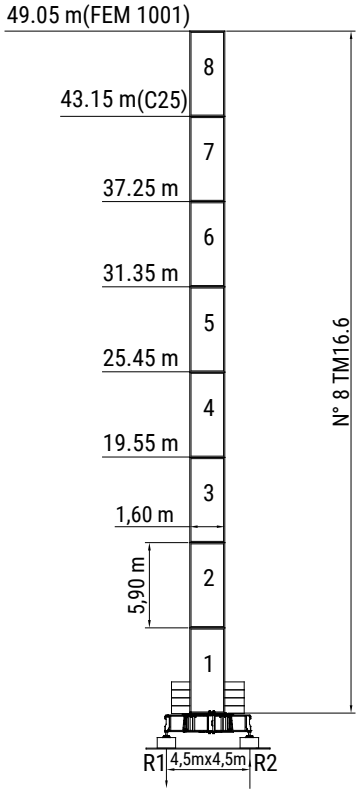
TM16

F4	SERVICE	OUT OF SERVICE
R1	- 870 kN	- 880 kN
R2	- 95 kN	- 20 kN
V	730 kN	

FP4	SERVICE	OUT OF SERVICE
R1	- 870 kN	- 880 kN
R2	- 95 kN	- 20 kN
V	730 kN	



F4



FP4

MAX H (m)		
	FEM 1001	C 25
27,70 ->36,30	48,45	42,55
39,20 ->65,30	42,55	36,65

MAX H (m)		
	FEM 1001	C 25
27,70 ->36,30	49,05	43,15
39,20 ->65,30	43,15	37,25

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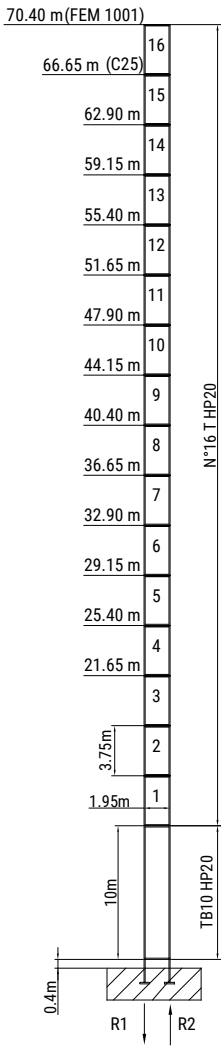
Altezza torre - Tower height - Altura torre - Turmhohe - Hauteur de la tour - ИСПОЛНЕНИЯ БАШНИ

HP20

RTB1 RAP1	SERVICE	OUT OF SERVICE
R1	- 1740 kN	- 3100 kN
R2	1180 kN	2580 kN
V	1130 kN	



RT1 RAP1

MAX H (m)		
	FEM 1001	C 25
27,70 ->65,30	70,40	66,65

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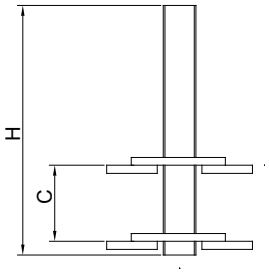
Zavorramento - Counterweight - Bloque de contrapeso - Gegengewichtsblöcke - Bloc de contrepoid - Плиты противовеса

	65,30m 62,40m/59,50m		56,60m/53,70m		50,80m/47,90m		45,00m 42,10m/ 39,20m		36,30m 33,40m/30,50m		27,70m	
	A	B	A	B	A	B	A	B	A	B	A	B
	6	2	6	1	6	0	5	1	5	0	4	1
	23100 kg		21450 kg		19800 kg		18150 kg		16500 kg		14850 kg	

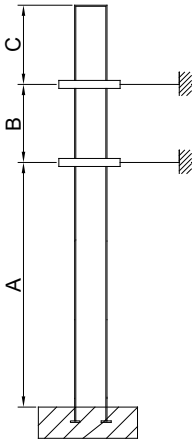
Altre Installazioni - Other configurations - Otras Implantaciones - Aufstellmöglichkeiten - Autres Im-plantations - Другие варианты компоновки башни

INTERNAL CLIMBING



HP20		
	H (m)	C (m)
ℹ		

EXTERNAL CLIMBING



TM21			
	A min/max (m)	B min/max (m)	C max (m)
all	33/45	18/30	38

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

ℹ **Altezze diverse e combinazioni di torre sono disponibili; consultateci** - Different height and tower combinations are available; please consult us
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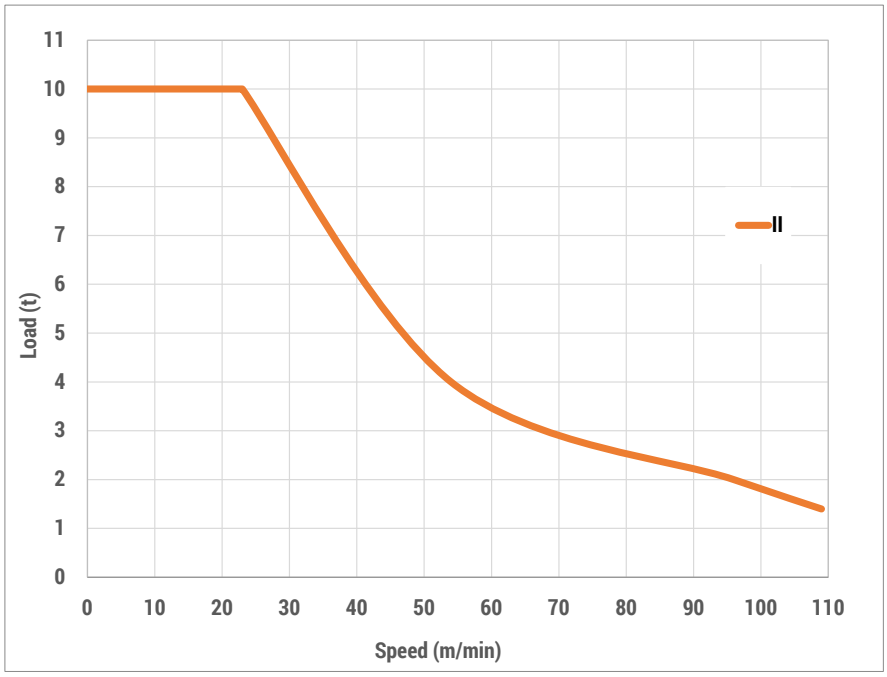
MORITSCH 1962

ABRAMS® KRANE

Meccanismi - Mechanisms- Mecanismos - Antriebe - Mécanismes - Приводы



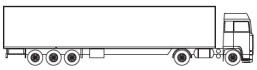
45 HVF 100		t	m/min
45 kW		10	0 → 23
		4	0 → 54
max 430 m		2	0 → 96
		1.4	0 → 109

	5.5	kW	0	→	90	m/min
	2 x 5.5	kW	0	→	0.7	rpm

2000/14/CEE 2005/88/CEE	2006/95/CEE	400 V	50 Hz	Imax=	116	A	Fuse=	125	A	MACHINE RATING	MAX GENERATOR
		460 V	60Hz	Imax=	101	A	Fuse=	100	A	77 kVA	123 kVA

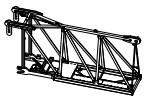
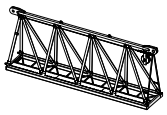
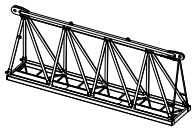
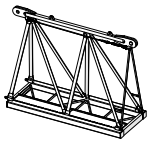
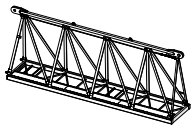
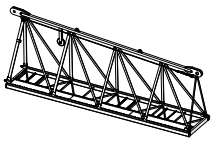
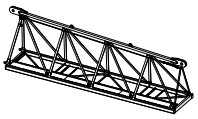
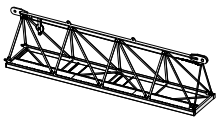
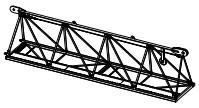
Ingombri e pesi - Dimensions and weight - Dimensões e pesos - Abmessungen und Gewicht - Encombrement et poids - Габариты, размеры и вес

(*) 65,30 m - 45HVF100



X4

X4

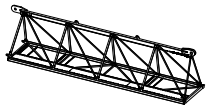
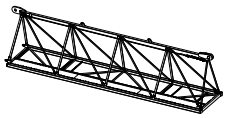
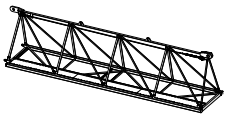
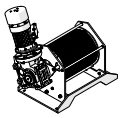
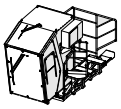
(*) **Parte rotante** - Slewing crane part - Parte rotativa - Drehender Kranteil - Partie tournante - Поворотная часть			**Lunghezza** Lenght Longitud Länge Longueur длина	**Larghezza** Width Anchura Breite Largeur ширина	**Altezza** Height Altura Höhe Hauteur высота	**Quantità** Quantity Cantidad Menge Quantité Количество	**Peso** Weight Peso Gewicht Poids вес
Tronco braccio Jib section Elemento de flecha Auslegerelement Elément de flèche Секция стрелы	1		5,14 m	1,13 m	2,41 m	1	1480 kg
	2		6,07 m	1,13 m	2,30 m	1	1305 kg
	3		6,05 m	1,13 m	2,32 m	1	1145 kg
	4		3,15 m	1,13 m	2,31 m	1	570 kg
	5		6,05 m	1,13 m	2,36 m	1	950 kg
	6		6,06 m	1,13 m	2,24 m	1	850 kg
	7		6,06 m	1,13 m	1,84 m	1	770 kg
	8		6,05 m	1,13 m	1,71 m	1	645 kg
	9		6,05 m	1,13 m	1,71 m	1	530 kg

RTM 200 L - 10

MORITSCH 1962

ABRAMS® KRANE

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
Tronco braccio Jib section Elemento de flecha Auslegerelement Elément de flèche Секция стрелы	10		6,02 m	1,13 m	1,72 m	1	445 kg
	11		6,00 m	1,13 m	1,74 m	1	405 kg
	12		6,00 m	1,13 m	1,77 m	1	385 kg
Punta braccio - Jib point - Tramo punta de pluma - Ausleger - Kopfstück - Pointe de flèche - Концевая секция стрелы			1,16 m	0,73 m	2,27 m	1	95 kg
Argano carrello - Trolley winch - Equipo carro - Windenwagen - Treuil du chariot - лебедка тележка			0,75 m	1,12 m	1,14 m	1	315 kg
Carrello - Trolley - Carro - Laufkatze - Chariot - тележка			1,28 m	1,44 m	0,92 m	1	340 kg
Ballatoio carrello - Trolley platform - Suporte de carro - Laufkatze Podest - Palier du chariot - тележка посадки			0,91 m	0,55 m	1,85 m	1	45 kg
Cabina - Cabin - Cabina - Kabine - Кабина	**FM12**		2,94 m	2,20 m	2,30 m	1	990 kg
Cuspide - A-Frame - Caballette de pluma - Porte-flèche - портал стрелы			1,23 m	1,23 m	2,09 m	1	430 kg

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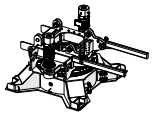
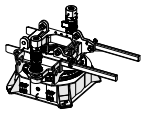
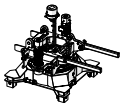
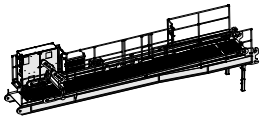
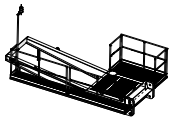
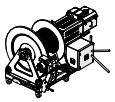
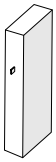
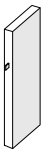
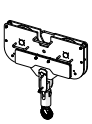
Ingombri e pesi - Dimensions and weight - Dimensões e pesos - Abmessungen und Gewicht - Encombrement et poids - Габариты, размеры и вес

(*) **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
Rotazione - Slewing unit - Rotacion - Drehen - Orientation - вращение **TM21**		3,02 m	2,29 m	1,60 m	1	3545 kg
Rotazione - Slewing unit - Rotacion - Drehen - Orientation - вращение **TM16**		2,99 m	2,02 m	1,66 m		3425 kg
Rotazione - Slewing unit - Rotacion - Drehen - Orientation - вращение **HP20**		3,03 m	2,08 m	2,50 m		3695 kg
Controbraccio - Counterjib - Contraflecha - Gegenausleger - Contre-flèche - Контрстрела		10,33 m	2,03 m	2,53 m	1	3055 kg
Portablocchi - Ballast support - Soporte de bloque de contrapeso - Gegengewicht Blockunterstützung - Support de bloc de contrepoids - Поворотный узел		4,97 m	2,86 m	3,20 m	1	1230 kg
Argano sollevamento - Hoisting winch - Equipo de elevacion - Hubwinde - Treuil de levage - подъемная лебедка **45kW**		2,13 m	1,50 m	1,35 m	1	1720 kg
Zavorramento - Counterweight - Bloque de contrapeso - Gegengewichtsblöcke - Bloc de contrepoid - Плиты противовеса — A		2,85 m	1,42 m	0,42 m	6	3300 kg
B		2,85 m	1,42 m	0,21 m	2	1650 kg
Bozzello - Block assembly - Gancho inferior - Block - Moufle - Полиспаст		1,28 m	0,33 m	1,38 m	1	480 kg

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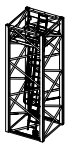
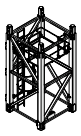
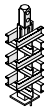
Ingombri e pesi - Dimensions and weight - Dimensões e pesos - Abmessungen und Gewicht - Encombrement et poids - Габариты, размеры и вес

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
TM21.6		5,90 m	2,10 m	2,06 m	2600 kg
TM21 TB12		11,80 m	2,30 m	2,12 m	6470 kg
TM16.6		5,90 m	1,60 m	1,56 m	2300 kg
TM16.12		11,80 m	1,60 m	1,56 m	4430 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

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
TM16 RAP1 TM21 RAP1		0,43 m	0,75 m	0,75 m	240 kg
TM16 RT1 L=1135 TM21 RT1 L=1135		1,19 m	0,60 m	0,60 m	360 kg
TM16 RT1 L=1400 TM21 RT1 L=1400		1,46 m	0,60 m	0,60 m	185 kg
TM21 RTB		1,76 m	0,60 m	0,60 m	315 kg
HP20 RTB1		1,92 m	0,60 m	0,60 m	420 kg
HP20 RAP1		0,69 m	0,65 m	0,65 m	270 kg

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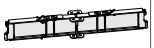
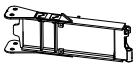
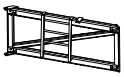
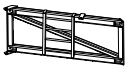
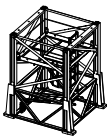
Accessori - Accessories - Accesorios - Zubehör - Accessoires - аксессуары			**Lunghezza** Lenght Longitud Länge Longueur длина	**Larghezza** Width Anchura Breite Largeur ширина	**Altezza** Height Altura Höhe Hauteur высота	**Quantità** Quantity Cantidad Menge Quantité Количество	**Peso** Weight Peso Gewicht Poids вес
Carro - Undercarriage - Carro - Fundamentkreuz - Châssis de base - **4,5mx4,5m** **TM16** **TM21**	**Trave principale di base** - Base main beam - Viga base principal - Fundamentkreuzträger - Poutre de chassis - Главная балка основания		6,52 m	0,95 m	1,00 m	1	2900 kg
	Semitrave di base - Base half beam - Semiviga base - Fundamentkreuzträger - Semipoutre de chassis - Полу-балка основания		3,15 m	0,63 m	1,00 m	2	1315 kg
	Telaio 1 - Frame 1 - Chasis 1 - Chassis 1 - Cadre 1 - Шасси 1		2,03 m	0,20 m	0,88 m	1	145 kg
	Telaio 2 - Frame 2 - Chasis 2 - Chassis 2 - Cadre 2 - Шасси 2		2,03 m	0,20 m	0,88 m	1	145 kg
	Piede di base - Base foot - Pie base - Basisfuß - Pied de base - базовая стопа		0,42 m	0,42 m	0,65 m	4	86 kg
Traliccio per sopraelevazione - Section for external climbing - Treillis pour l'élévation externe - Sección para elevación externa - внешней секцией для подъема **TM21**			2,49 m	2,14 m	2,98 m	1	1815 kg
Gabbia di telescopaggio - Telescoping cage - Teleskopkäfig - Cage télescopique **TM21**			11,92 m	3,80 m	6,60 m	1	8400 kg

ABRAMS® KRANE

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