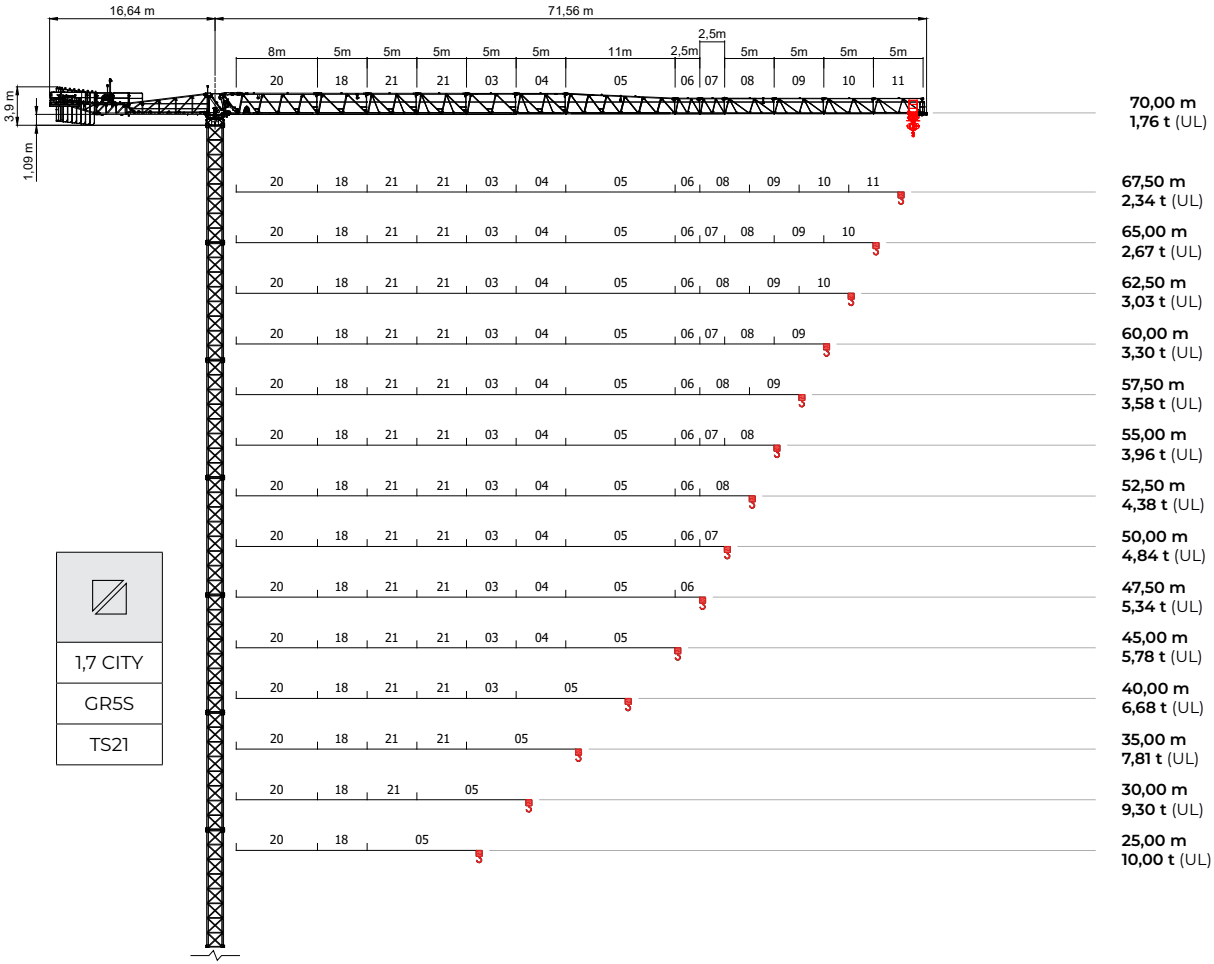
Raimondi

T207-10

10 t - 70 m

TECHNICAL DATA SHEET

Configurations	Configurazioni	Configurations	Konfigurationen	Конфигурация



CLASS					
110	ULTRALIFT	CONCORE	ANTICOLLISION	LUMINA	CE

Mechanisms	Azionamenti	Actionnements	Antriebe	Приводы

10 t	5 t
2 x 7,5 kW	
0-0,8 min	
30 kW - 30 Hz	
Ø 12 - 510 m	
6,6 kW - 50 Hz	
Ø 8	
13 - 74 m/min	

10 t
2 x 7,5 kW
0-0,8 min
37 kW - 25 Hz
Ø 16 - 225 m
6,6 kW - 50 Hz
Ø 8
13 - 74 m/min

Counterweighting	Contrappesatura	Contrepoids	Gegenauslegerballast	балласт контр-стрелы

(m)	Q.ty x (kg 3000)	Q.ty x (kg 1500)	Tot. (kg)
70	7	3	25500
67,5	7	3	25500
65	7	2	24000
62,5	7	2	24000
60	7	2	24000
57,5	7	2	24000
55	7	2	24000
52,5	7	2	24000
50	7	2	24000
47,5	7	2	24000
45	7	1	22500
40	6	2	21000
35	6	1	19500
30	5	1	16500
25	4	1	13500

Load curves	Curve di carico	Courbes de charges	Lastkurven	Кривые нагрузок

	(m)	17,50	20,00	22,50	25,00	30,00	35,00	40,00	45,00	47,50	50,00	52,50	55,00	57,50	60,00	62,50	65,00	67,50	70,00
	MAX	10 t				5 t													
70,0 STD	15,89	8,96	7,68	6,70	5,92	4,76	3,93	3,32	2,85	2,65	2,47	2,31	2,16	2,02	1,90	1,79	1,69	1,59	1,50
70,0 UL	16,85	9,58	8,22	7,18	6,35	5,11	4,24	3,59	3,08	2,87	2,68	2,51	2,35	2,21	2,08	1,96	1,85	1,74	1,65
67,5 STD	18,41	10,00	9,10	7,96	7,05	5,69	4,73	4,02	3,47	3,23	3,02	2,84	2,66	2,51	2,36	2,23	2,11	2,00	
67,5 UL	19,64	10,00	9,80	8,57	7,60	6,15	5,12	4,36	3,77	3,52	3,30	3,09	2,91	2,74	2,59	2,45	2,32	2,20	
65,0 STD	19,52	10,00	9,73	8,51	7,54	6,11	5,09	4,33	3,74	3,49	3,27	3,07	2,89	2,72	2,57	2,43	2,30		
65,0 UL	20,88	10,00	10,00	9,19	8,15	6,61	5,52	4,70	4,07	3,81	3,57	3,35	3,16	2,98	2,82	2,67	2,53		
62,5 STD	19,92	10,00	9,96	8,71	7,73	6,26	5,21	4,44	3,84	3,58	3,36	3,15	2,97	2,80	2,64	2,50			
62,5 UL	21,34	10,00	10,00	9,42	8,36	6,78	5,66	4,83	4,19	3,92	3,67	3,45	3,25	3,07	2,90	2,75			
60,0 STD	20,51	10,00	10,00	9,01	7,99	6,47	5,40	4,60	3,98	3,72	3,49	3,28	3,08	2,91	2,75				
60,0 UL	22,01	10,00	10,00	9,75	8,66	7,03	5,88	5,02	4,35	4,07	3,82	3,59	3,39	3,20	3,03				
57,5 STD	20,98	10,00	10,00	9,24	8,20	6,65	5,55	4,73	4,10	3,83	3,59	3,38	3,18	3,00					
57,5 UL	22,54	10,00	10,00	10,00	8,90	7,23	6,05	5,16	4,48	4,19	3,94	3,70	3,49	3,30					
55,0 STD	21,83	10,00	10,00	9,67	8,58	6,96	5,82	4,97	4,31	4,03	3,78	3,55	3,35						
55,0 UL	23,50	10,00	10,00	10,00	9,33	7,59	6,35	5,43	4,72	4,42	4,15	3,91	3,69						
52,5 STD	22,67	10,00	10,00	10,00	8,95	7,27	6,09	5,20	4,51	4,22	3,96	3,73							
52,5 UL	24,44	10,00	10,00	10,00	9,75	7,93	6,65	5,69	4,95	4,64	4,36	4,10							
50,0 STD	23,51	10,00	10,00	10,00	9,33	7,59	6,35	5,43	4,72	4,42	4,15								
50,0 UL	25,39	10,00	10,00	10,00	10,00	8,29	6,95	5,95	5,18	4,86	4,57								
47,5 STD	24,29	10,00	10,00	10,00	9,68	7,88	6,60	5,65	4,91	4,60									
47,5 UL	26,27	10,00	10,00	10,00	10,00	8,61	7,23	6,19	5,40	5,06									
45,0 STD	24,66	10,00	10,00	10,00	9,85	8,01	6,72	5,75	5,00										
45,0 UL	26,69	10,00	10,00	10,00	10,00	8,77	7,36	6,31	5,50										
40,0 STD	24,91	10,00	10,00	10,00	9,96	8,11	6,80	5,82											
40,0 UL	27,01	10,00	10,00	10,00	10,00	8,89	7,46	6,40											
35,0 STD	25,08	10,00	10,00	10,00	10,00	8,17	6,85												
35,0 UL	27,24	10,00	10,00	10,00	10,00	8,97	7,54												
30,0 STD	25,16	10,00	10,00	10,00	10,00	8,20													
30,0 UL	26,70	10,00	10,00	10,00	10,00	8,77													
25,0 STD	25,00	10,00	10,00	10,00	10,00														
25,0 UL	25,00	10,00	10,00	10,00	10,00														

Load curves	Curve di carico	Courbes de charges	Lastkurven	Кривые нагрузок

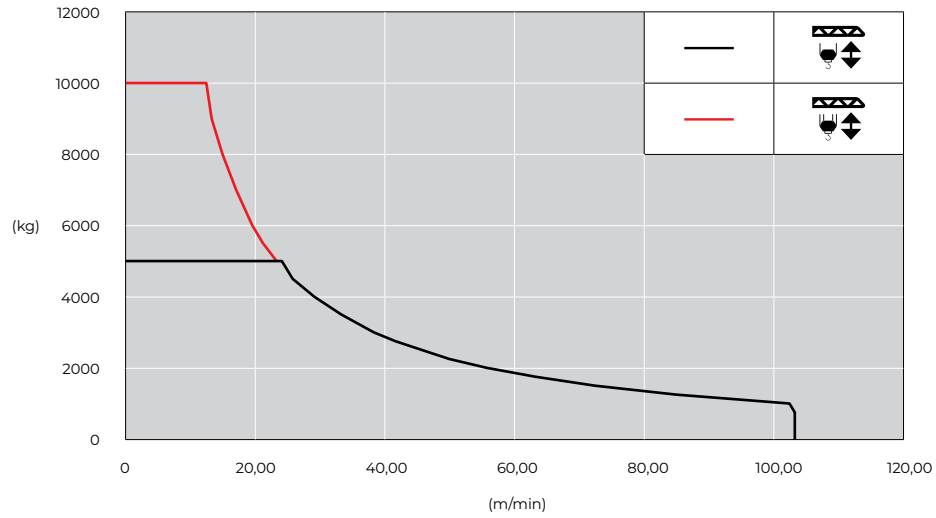
	(m)	17,50	20,00	22,50	25,00	30,00	35,00	40,00	45,00	47,50	50,00	52,50	55,00	57,50	60,00	62,50	65,00	67,50	70,00
	MAX	10 t																	
70,0 STD	15,79	8,90	7,65	6,69	5,93	4,79	3,98	3,38	2,92	2,72	2,55	2,39	2,25	2,11	1,99	1,88	1,78	1,69	1,60
70,0 UL	16,82	9,56	8,23	7,20	6,38	5,17	4,31	3,67	3,17	2,96	2,77	2,60	2,45	2,31	2,18	2,06	1,95	1,85	1,76
67,5 STD	18,54	10,00	9,19	8,05	7,14	5,80	4,85	4,14	3,59	3,35	3,15	2,96	2,79	2,63	2,49	2,36	2,24	2,13	
67,5 UL	19,86	10,00	9,92	8,70	7,73	6,28	5,26	4,50	3,91	3,66	3,44	3,23	3,05	2,89	2,73	2,59	2,46	2,34	
65,0 STD	19,67	10,00	9,82	8,60	7,64	6,21	5,20	4,44	3,86	3,61	3,39	3,19	3,01	2,85	2,70	2,56	2,43		
65,0 UL	21,12	10,00	10,00	9,32	8,29	6,75	5,66	4,84	4,21	3,95	3,71	3,50	3,30	3,12	2,96	2,81	2,67		
62,5 STD	20,77	10,00	10,00	9,15	8,13	6,62	5,55	4,75	4,13	3,87	3,63	3,42	3,23	3,06	2,90	2,75			
62,5 UL	22,36	10,00	10,00	9,93	8,83	7,20	6,04	5,18	4,51	4,23	3,98	3,75	3,54	3,36	3,18	3,03			
60,0 STD	21,34	10,00	10,00	9,43	8,38	6,83	5,72	4,90	4,27	4,00	3,76	3,54	3,34	3,16	3,00				
60,0 UL	23,00	10,00	10,00	10,00	9,12	7,43	6,24	5,35	4,67	4,38	4,12	3,88	3,67	3,48	3,30				
57,5 STD	21,79	10,00	10,00	9,65	8,58	6,99	5,87	5,03	4,37	4,10	3,86	3,63	3,43	3,25					
57,5 UL	23,51	10,00	10,00	10,00	9,34	7,62	6,40	5,49	4,79	4,50	4,23	3,99	3,77	3,58					
55,0 STD	22,64	10,00	10,00	10,00	8,96	7,30	6,13	5,26	4,58	4,29	4,04	3,81	3,60						
55,0 UL	24,46	10,00	10,00	10,00	9,76	7,97	6,70	5,75	5,02	4,71	4,44	4,19	3,96						
52,5 STD	23,46	10,00	10,00	10,00	9,32	7,60	6,39	5,48	4,78	4,48	4,22	3,98							
52,5 UL	25,38	10,00	10,00	10,00	10,00	8,31	6,99	6,00	5,24	4,92	4,64	4,38							
50,0 STD	24,29	10,00	10,00	10,00	9,69	7,91	6,65	5,71	4,98	4,67	4,40								
50,0 UL	26,31	10,00	10,00	10,00	10,00	8,65	7,28	6,26	5,47	5,14	4,84								
47,5 STD	25,06	10,00	10,00	10,00	10,00	8,19	6,89	5,92	5,17	4,85									
47,5 UL	27,17	10,00	10,00	10,00	10,00	8,96	7,55	6,49	5,68	5,34									
45,0 STD	25,40	10,00	10,00	10,00	10,00	8,32	7,00	6,01	5,25										
45,0 UL	27,57	10,00	10,00	10,00	10,00	9,11	7,67	6,60	5,78										
40,0 STD	25,62	10,00	10,00	10,00	10,00	8,39	7,06	6,07											
40,0 UL	27,84	10,00	10,00	10,00	10,00	9,21	7,76	6,68											
35,0 STD	25,74	10,00	10,00	10,00	10,00	8,44	7,10												
35,0 UL	28,01	10,00	10,00	10,00	10,00	9,27	7,81												
30,0 STD	25,77	10,00	10,00	10,00	10,00	8,45													
30,0 UL	28,08	10,00	10,00	10,00	10,00	9,30													
25,0 STD	25,00	10,00	10,00	10,00	10,00														
25,0 UL	25,00	10,00	10,00	10,00	10,00														

Hoisting	Sollevamento	Levage	Heben	Подъем

30 kW - 30 Hz

Ø 12 - 510 m

(kg)	(kg)	(m/min)	(m/min)
5000	10000	0,83	0,42
5000	10000	25,04	12,52
4500	9000	26,71	13,35
4000	8000	30,04	15,02
3500	7000	34,22	17,11
3000	6000	39,22	19,61
2750	5500	42,56	21,28
2500	5000	46,74	23,37
2250	4500	50,91	25,45
2000	4000	56,75	28,38
1750	3500	64,26	32,13
1500	3000	73,44	36,72
1250	2500	85,96	42,98
1000	2000	103,49	51,74
750	1500	104,32	52,16
500	1000	104,32	52,16
0	0	104,32	52,16

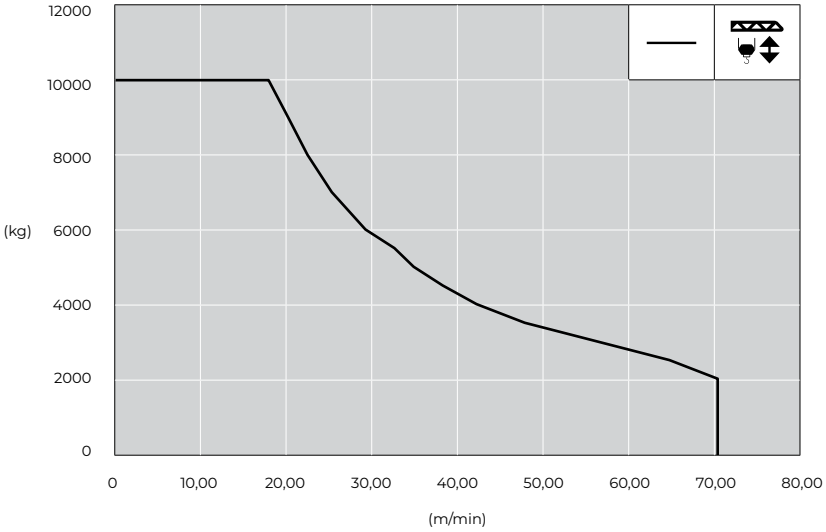


Hoisting	Sollevamento	Levage	Heben	Подъем

37 kW - 25 Hz

Ø 16 - 225 m

(kg)	(m/min)
10000	0,56
10000	18,00
9000	20,29
8000	22,54
7000	25,36
6000	29,31
5500	32,69
5000	34,94
4500	38,32
4000	42,27
3500	47,91
3000	56,36
2500	64,81
2000	70,45
1500	70,45
1000	70,45
0	70,45



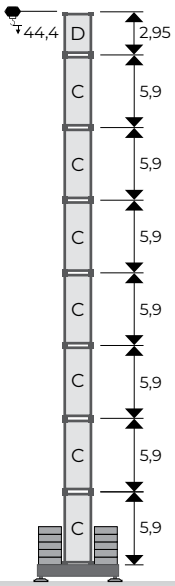
Height under hook	Altezza sotto gancio	Hauteur sous crochet	Höhe unter dem Haken	Высота под крюком

(m)	(type)	EN 14439 C25
1,7	CITY	

E	---
D	1,7 CITY Standard (2,95 m)
C	1,7 CITY Standard (5,9 m)
B	---

		max
(m)	(m)	(t)
70	44,4	112,2

(type)	(type)	(type)	(t)
---	---	Base 4,5 m HEB900 (1,7 CITY)	5,100



(m)		(t) max	(m)														
			70	67,5	65	62,5	60	57,5	55	52,5	50	47,5	45	40	35	30	25
			(t)														
44,4	7xC + 1xD	91,8	81,6	91,8	81,6	91,8	91,8	/	/	/	/	/	/	/	/	/	/
41,5	7xC	91,8	71,4	81,6	71,4	81,6	81,6	91,8	91,8	/	/	/	/	/	/	/	/
38,5	6xC + 1xD	102	71,4	71,4	71,4	71,4	71,4	81,6	81,6	91,8	102	/	/	/	/	/	102
35,6	6xC	112,2	71,4	71,4	71,4	71,4	71,4	71,4	81,6	81,6	91,8	102	91,8	102	112,2	102	102
29,7	5xC	91,8	71,4	71,4	71,4	71,4	71,4	61,2	61,2	71,4	71,4	81,6	81,6	91,8	91,8	91,8	81,6
23,8	4xC	81,6	71,4	71,4	71,4	71,4	71,4	61,2	61,2	61,2	61,2	71,4	71,4	71,4	81,6	81,6	71,4
17,9	3xC	81,6	71,4	71,4	71,4	71,4	71,4	61,2	61,2	61,2	61,2	71,4	71,4	71,4	81,6	81,6	71,4

/	Not allowed configuration

For different heights contact the technical department / Per altezze diverse contattare l'ufficio tecnico / Pour des hauteurs différentes contact le département technique / Für unterschiedliche Höhen Kontakt zum Technischen / Недопустимо увеличение высоты крана без согласования с технической службой производителя

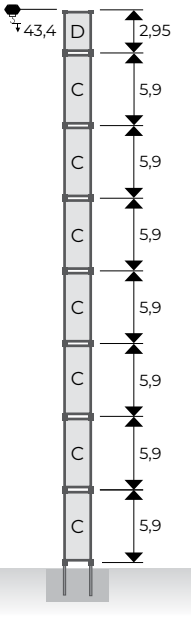
Height under hook	Altezza sotto gancio	Hauteur sous crochet	Höhe unter dem Haken	Высота под крюком

(m)	(type)	EN 14439 C25
1,7	CITY	

E	---
D	1,7 CITY Standard (2,95 m)
C	1,7 CITY Standard (5,9 m)
B	---

		max
(m)	(m)	(t)
70	43,4	---

(type)	(type)	(type)	(t)
---	1,7 CITY	---	---



(m)		(m)													
		70	67,5	65	62,5	60	57,5	55	52,5	50	47,5	45	40	35	30	25
43,4	7xC + 1xD	X	X	X	X	X	/	/	/	/	/	/	/	/	/	/
40,5	7xC	X	X	X	X	X	X	X	/	/	/	/	/	/	/	/
37,5	6xC + 1xD	X	X	X	X	X	X	X	X	X	/	/	/	/	/	X
34,6	6xC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28,7	5xC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22,8	4xC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16,9	3xC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

/	Not allowed configuration	X	Allowed configuration	1	Achievable without Booster element

For different heights contact the technical department / Per altezze diverse contattare l'ufficio tecnico / Pour des hauteurs différentes contact le département technique / Für unterschiedliche Höhen Kontakt zum Technischen / Недопустимо увеличение высоты крана без согласования с технической службой производителя

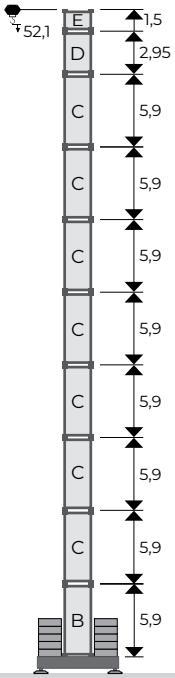
Height under hook	Altezza sotto gancio	Hauteur sous crochet	Höhe unter dem Haken	Высота под крюком

(m)	(type)	EN 14439 C25
2,1	TS21	

E	TS21 22/1,7 CITY Connecting el. (1,5 m)
D	TS21 22.3 (2,95 m)
C	TS21 22.6 (5,9 m)
B	TS21 22.6 C1 (5,9 m)

		max
(m)	(m)	(t)
70	52,1	110

(type)	(type)	(type)	(t)
---	---	C45 F (TS21)	5,000



(m)		(t) max	(m)														
			70	67,5	65	62,5	60	57,5	55	52,5	50	47,5	45	40	35	30	25
			(t)														
52,1	1xB + 7xC + 1xD + 1XE	110	110	/	110	/	/	/	/	/	/	/	/	/	/	/	/
49,1	1xB + 7xC + 1xE	110	100	110	100	110	110	/	/	/	/	/	/	/	/	/	/
46,2	7xC + 1xD + 1xE	110	90	90	90	100	100	110	/	/	/	/	/	/	/	/	/
43,2	7xC + 1xE	110	80	80	80	90	90	100	100	110	110	/	/	/	/	/	/
37,3	6xC + 1xE	110	70	70	70	70	70	80	80	90	90	100	100	110	110	110	100
31,4	5xC + 1xE	100	70	70	70	70	70	60	60	70	80	80	80	90	100	90	90
25,5	4xC + 1xE	80	70	70	70	70	70	60	60	60	60	70	70	80	80	80	80
19,6	3xC + 1xE	80	70	70	70	70	70	60	60	60	60	70	60	70	80	80	70

/	Not allowed configuration

For different heights contact the technical department / Per altezze diverse contattare l'ufficio tecnico / Pour des hauteurs différentes contact le département technique / Für unterschiedliche Höhen Kontakt zum Technischen / Недопустимо увеличение высоты крана без согласования с технической службой производителя

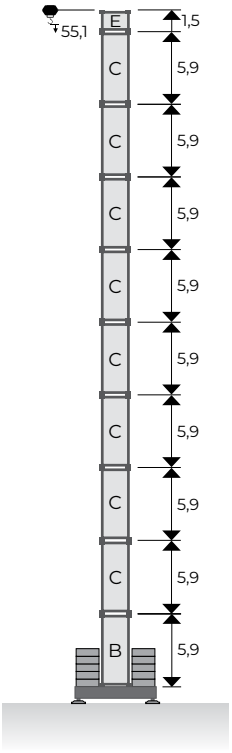
Height under hook	Altezza sotto gancio	Hauteur sous crochet	Höhe unter dem Haken	Высота под крюком

(m)	(type)	EN 14439 C25
2,1	TS21	

E	TS21 22/1,7 CITY Connecting el. (1,5 m)
D	TS21 22.3 (2,95 m)
C	TS21 22.6 (5,9 m)
B	TS21 22.6 C1 (5,9 m)

		max
(m)	(m)	(t)
70	55,1	100

(type)	(type)	(type)	(t)
---	---	C60 F (TS21)	5,000



(m)		(t) max	(m)														
			70	67,5	65	62,5	60	57,5	55	52,5	50	47,5	45	40	35	30	25
			(t)														
55,1	1xB + 8xC + 1xE	100	70	70	70	70	70	/	/	/	/	/	/	/	/	/	100
52,2	1xB + 7xC + 1xD + 1xE	100	60	60	60	60	70	70	70	80	80	90	90	90	100	100	90
49,2	1xB + 7xC + 1xE	100	50	50	50	60	60	60	70	70	80	80	80	90	90	100	80
46,3	7xC + 1xD + 1xE	80	50	50	50	50	50	60	60	60	70	70	70	80	80	80	80
43,3	7xC + 1xE	80	40	40	40	40	40	50	50	60	60	70	60	70	80	70	70
37,4	6xC + 1xE	60	40	40	40	40	40	40	40	40	50	50	50	60	60	60	60
31,5	5xC + 1xE	50	40	40	40	40	40	40	40	40	40	40	40	50	50	50	50
25,6	4xC + 1xE	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
19,7	3xC + 1xE	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40

/	Not allowed configuration

For different heights contact the technical department / Per altezze diverse contattare l'ufficio tecnico / Pour des hauteurs différentes contact le département technique / Für unterschiedliche Höhen Kontakt zum Technischen / Недопустимо увеличение высоты крана без согласования с технической службой производителя

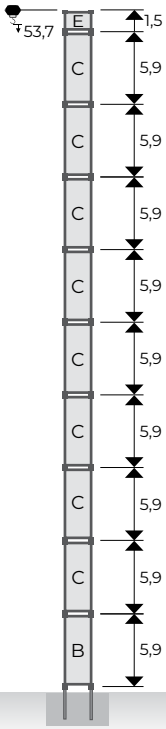
Height under hook	Altezza sotto gancio	Hauteur sous crochet	Höhe unter dem Haken	Высота под крюком

(m)	(type)	EN 14439 C25
2,1	TS21	

E	TS21 22/1,7 CITY Connecting el. (1,5 m)
D	TS21 22.3 (2,95 m)
C	TS21 22.6 (5,9 m)
B	TS21 22.6 C1 (5,9 m)

(m)	(m)	max (t)
70	53,7	---

(type)	(type)	(type)	(t)
TS21	---	---	---

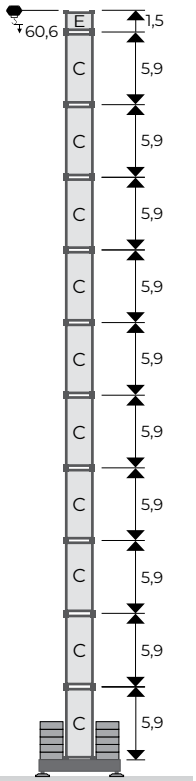


(m)		(m)														
		70	67,5	65	62,5	60	57,5	55	52,5	50	47,5	45	40,0	35	30	25
53,7	1xB + 8xC + 1xE	X	X	X	X	X	/	/	/	/	/	/	/	/	/	X
50,7	1xB + 7xC + 1xD + 1xE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47,8	1xB + 7xC + 1xE	O	O	O	O	O	O	O	X	X	X	X	X	X	X	O
44,8	7xC + 1xD + 1xE	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
41,9	7xC + 1xE	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
36,0	6xC + 1xE	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
30,1	5xC + 1xE	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
24,2	4xC + 1xE	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
18,3	3xC + 1xE	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O

/	Not allowed configuration	X	Allowed configuration	O	Achievable without "B" element

For different heights contact the technical department / Per altezze diverse contattare l'ufficio tecnico / Pour des hauteurs différentes contact le département technique / Für unterschiedliche Höhen Kontakt zum Technischen / Недопустимо увеличение высоты крана без согласования с технической службой производителя

Height under hook	Altezza sotto gancio	Hauteur sous crochet	Höhe unter dem Haken	Высота под крюком



(m)	(type)	EN 14439 C25
2,1	GR5S	

E	GR5S/1,7 CITY Connecting el. (1,5 m)
D	GR5S Standard (2,95 m)
C	GR5S Standard (5,9 m)
B	---

		max
(m)	(m)	(t)
70	60,6	110

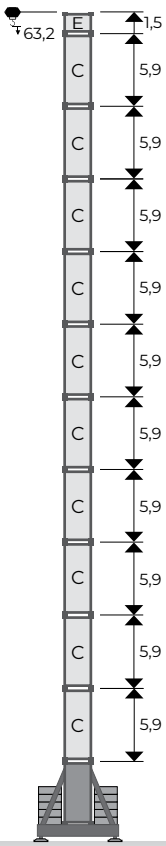
(type)	(type)	(type)	(t)
---	---	Base 6 m HEB900 (GR5S)	5,000

(m)		(t) max	(m)													
			70	67,5	65	62,5	60	57,5	55	52,5	50	47,5	45	40	35	30	25
			(t)														
60,6	10xC + 1xE	100	80	90	90	90	90	100	100	/	/	/	/	/	/	/	/
57,7	9xC + 1xD + 1xE	110	70	80	70	80	80	90	90	90	90	90	100	110	110	110	110
54,7	9xC + 1xE	100	60	70	60	70	70	80	80	90	90	90	90	100	100	100	100
48,8	8xC + 1xE	90	50	50	50	50	50	60	60	70	70	80	80	80	90	90	80
42,9	7xC + 1xE	70	40	40	40	40	40	40	50	50	60	60	60	70	70	70	70
37,0	6xC + 1xE	60	40	40	40	40	40	40	40	40	40	50	50	50	60	60	50
31,1	5xC + 1xE	50	40	40	40	40	40	40	40	40	40	40	40	40	50	50	40
25,2	4xC + 1xE	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
19,3	3xC + 1xE	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40

/	Not allowed configuration

For different heights contact the technical department / Per altezze diverse contattare l'ufficio tecnico / Pour des hauteurs différentes contact le département technique / Für unterschiedliche Höhen Kontakt zum Technischen / Недопустимо увеличение высоты крана без согласования с технической службой производителя

Height under hook	Altezza sotto gancio	Hauteur sous crochet	Höhe unter dem Haken	Высота под крюком



(m)	(type)	EN 14439 C25
2,1	GR5S	

E	GR5S/1,7 CITY Connecting el. (1,5 m)
D	GR5S Standard (2,95 m)
C	GR5S Standard (5,9 m)
B	---

		max
(m)	(m)	(t)
70	63,2	102,92

(type)	(type)	(type)	(t)
---	---	Base 6 m struts (GR5S)	n° 2 x 6,24 + 3,23

(m)		(t) max	(m)														
			70	67,5	65	62,5	60	57,5	55	52,5	50	47,5	45	40	35	30	25
			(t)														
63,2	10xC + 1xE	109,38	102,92	102,92	109,38	102,92	102,92	109,38	/	/	/	/	/	/	/	/	/
60,2	9xC + 1xD + 1xE	122,3	83,54	83,54	83,54	90	90	96,46	96,46	102,92	109,38	115,84	109,38	115,84	122,3	122,3	115,84
57,3	9xC + 1xE	115,84	70,62	77,08	70,62	77,08	77,08	83,54	90	96,46	96,46	102,92	102,92	109,38	115,84	115,84	109,38
51,4	8xC + 1xE	96,46	51,24	57,7	51,24	57,7	64,16	70,62	70,62	77,08	83,54	83,54	83,54	90	96,46	96,46	90
45,5	7xC + 1xE	77,08	44,78	44,78	44,78	44,78	44,78	51,24	51,24	57,7	64,16	70,62	70,62	77,08	77,08	77,08	77,08
39,6	6xC + 1xE	70,62	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	51,24	57,7	51,24	64,16	64,16	70,62	57,7
33,7	5xC + 1xE	57,7	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	51,24	57,7	51,24	51,24
27,8	4xC + 1xE	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78
21,9	3xC + 1xE	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78	44,78

/	Not allowed configuration

For different heights contact the technical department / Per altezze diverse contattare l'ufficio tecnico / Pour des hauteurs différentes contact le département technique / Für unterschiedliche Höhen Kontakt zum Technischen / Недопустимо увеличение высоты крана без согласования с технической службой производителя

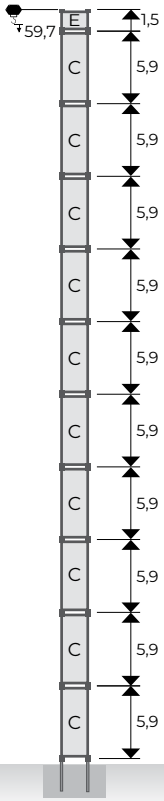
Height under hook	Altezza sotto gancio	Hauteur sous crochet	Höhe unter dem Haken	Высота под крюком

(m)	(type)	EN 14439 C25
2,1	GR5S	

E	GR5S/1,7 CITY Connecting el. (1,5 m)
D	GR5S Standard (2,95 m)
C	GR5S Standard (5,9 m)
B	---

		max
(m)	(m)	(t)
70	59,7	---

(type)	(type)	(type)	(t)
---	GR5S	---	---

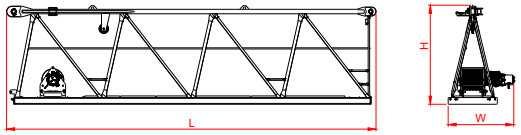
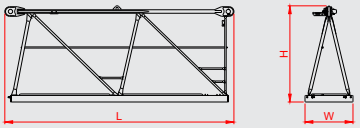
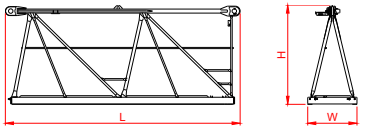
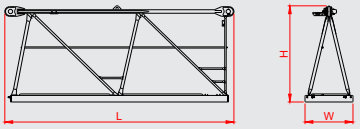
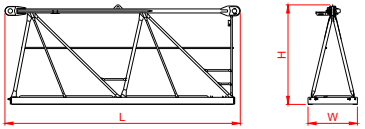
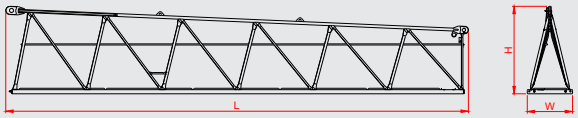
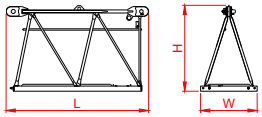
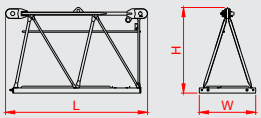


(m)		(m)													
		70	67,5	65	62,5	60	57,5	55	52,5	50	47,5	45	40,0	35	30	25
59,7	10xC + 1xE	X	X	X	X	X	X	X	/	/	/	/	/	/	/	/
56,7	9xC + 1xD + 1xE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
53,8	9xC + 1xE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47,9	8xC + 1xE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42,0	7xC + 1xE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36,1	6xC + 1xE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30,2	5xC + 1xE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24,3	4xC + 1xE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18,4	3xC + 1xE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

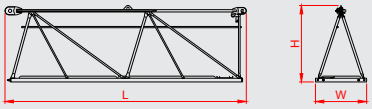
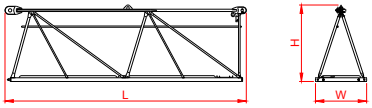
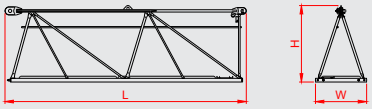
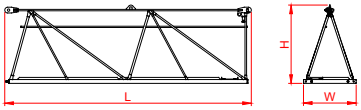
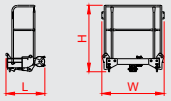
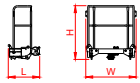
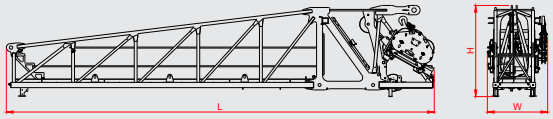
/	Not allowed configuration	X	Allowed configuration	1	Achievable without Booster element

For different heights contact the technical department / Per altezze diverse contattare l'ufficio tecnico / Pour des hauteurs différentes contact le département technique / Für unterschiedliche Höhen Kontakt zum Technischen / Недопустимо увеличение высоты крана без согласования с технической службой производителя

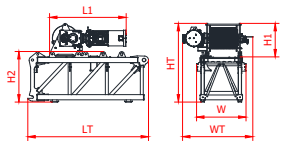
Dimensions	Dimensioni	Encombrement	Abmessungen	Размеры

ELEMENT	COMPOSITION	Q.TY	DIMENSIONS (m)			WEIGHT (kg)		DRAWING
			L	W	H	UNIT	TOTAL	
Jib element 20	Including: trolley winch and accessories	1	8,30	1,10	2,23	3100	3100	
Jib element 18	Including: accessories	1	5,25	1,10	2,22	1400	1400	
Jib element 21	Including: accessories	1	5,24	1,10	2,23	1250	1250	
Jib element 3	Including: accessories	1	5,26	1,10	2,21	950	950	
Jib element 4	Including: accessories	1	5,26	1,10	2,16	850	850	
Jib element 5	Including: accessories	1	11,25	1,10	2,13	1500	1500	
Jib element 6	Including: accessories	1	2,77	1,10	1,67	350	350	
Jib element 7	Including: accessories	1	2,74	1,10	1,67	300	300	

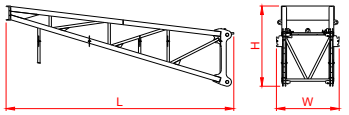
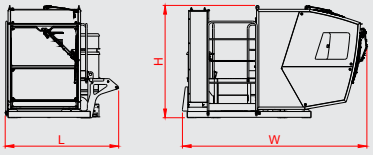
Dimensions	Dimensioni	Encombrement	Abmessungen	Размеры

ELEMENT	COMPOSITION	Q.TY	DIMENSIONS (m)			WEIGHT (kg)		DRAWING
			L	W	H	UNIT	TOTAL	
Jib element 8	Including: accessories	1	5,19	1,10	1,65	480	480	
Jib element 9	Including: accessories	1	5,17	1,10	1,65	400	400	
Jib element 10	Including: accessories	1	5,15	1,10	1,64	350	350	
Jib element 11	Including: accessories	1	5,15	1,10	1,64	300	300	
Tip pull II	Including: rope connection device	1	0,82	1,31	1,40	120	120	
Tip pull IV	Including: rope connection device	1	0,81	1,31	1,40	100	100	
1st counterjib element	Including: gratings, trolley, hook block and accessories	1	11,44	1,61	2,44	5000	5000	

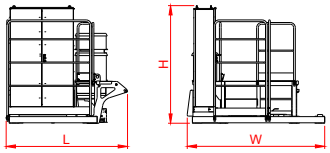
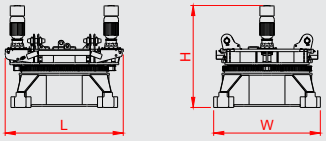
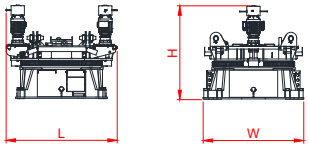
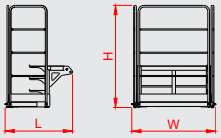
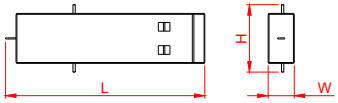
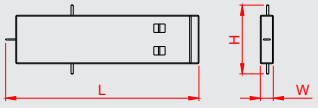
Dimensions	Dimensioni	Encombrement	Abmessungen	Размеры

ELEMENT	COMPOSITION	Q.TY	DIMENSIONS (m)			WEIGHT (kg)		DRAWING
			LT	W	H2	UNIT	TOTAL	
Counter-intermediate jib section (winch: 30 kW)	Including: accessories	1	3,25	1,33	1,36	2700	2700	
Counter-intermediate jib section (winch: 37 kW)		1	3,25	1,33	1,36	3350	3350	

ELEMENT	COMPOSITION	Q.TY	L1	H1	HT	WT	UNIT	TOTAL
30 kW	---	pcs 1 - depending on crane configuration	2,01	0,9	2,12	1,9	---	---
37 kW	---		2,22	0,93	2,14	1,87	---	---

ELEMENT	COMPOSITION	Q.TY	DIMENSIONS (m)			WEIGHT (kg)		DRAWING
			L	W	H	UNIT	TOTAL	
Counter-jib end section	---	1	4,83	1,33	1,70	1200	1200	
Access balcony	Including: cabin, railings and electrical box	1	2,35	3,82	2,33	2000	2000	

Dimensions	Dimensioni	Encombrement	Abmessungen	Размеры

ELEMENT	COMPOSITION	Q.TY	DIMENSIONS (m)			WEIGHT (kg)		DRAWING
			L	W	H	UNIT	TOTAL	
Access balcony (without cabin)	Including: railings and electrical box (excluding cabin)	1	2,35	2,66	2,28	1500	1500	
Turntable, main bearing and main bearing base - tower attachment 1,7 RTZ	Including: manifold, electrical cables and accessories	1	2,11	1,90	1,82	3700	3700	
Turntable, main bearing and main bearing base - tower attachment 1,7 CITY	Including: manifold, electrical cables and accessories	1	2,13	1,92	1,79	3250	3250	
Service balcony	Including: railings	1	1,31	1,63	1,96	250	250	
Counterweight block	---	1	3,43	0,45	1,06	3000	---	
Counterweight block	---	1	3,43	0,23	1,06	1500	---	

Trasport	Transporto	Transporte	Transport	Транспортировка

	67,5 m	Top part / Parte rotante / Partie tournante / Drehender Kranteil / Поворотная часть
		Included counter weight and cabin / Cabina e contrappesi inclusi / Cabine et contrepoids inclues / Kabine und Gegengewichts Blöcke – inbegriffen / Противовес включен - кабина

	4 x 13,60 m

Control system	Sistema di controllo	Système de contrôle	Steuerungssystem	Система управления

	CONCORE

The result of extensive research and development based on customer feedback, the CONCORE control system is a latest-generation software, designed and developed in-house, for use with RAIMONDI CRANES S.p.A. a S.U. production cranes.

The control system allows the crane to be used for all its permissible purposes, the main safety systems to be constantly monitored, and the main operating functions of the machine to be parameterised and customised.

The main features of the human-machine interface are:

Colour touch screen monitor with wide viewing angle LCD
Resistive touch panel
Dedicated memory capacity
Ethernet
The SD / SDHC card slot
USB host port
Remote HMI access

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Key

Key	Legenda	Légende	Zeichenerklärung	Условные обозначения

	EN	IT	FR	DE	RU
UL	Load diagrams with ultralift control	Curva di carico Ultralift	Courbes de charges Ultralift	Ultralift Lastkurven	Кривой Груз Ultralift
HR	Main bearing level	Altezza ralla	Hauteur couronne	Drehsattel Hohe	Высота упорного подшипника
	Mechanisms	Azionamenti	Mécanismes	Antriebe	Приводы
	Jib	Freccia	Flèche	Kranarm	стрела крана
MAX	Hook / tower axis distance with maximum load	Interasse gancio / asse torre con carico massimo	Distance crochet / axe de la tour avec la charge maximale	Abstand Haken-Turmachse (bei maximaler Last)	Положение подъемного крюка относительно оси башни при котором можно поднять максимальный груз
	Base ballast blocks	Blocchi zavorra di base	Blocs de lest	Grundballast	блок балласта
TOPLESS	Counterweight blocks (Counterjib)	Blocco di contrappeso (Controfreccia)	Bloc de contrepoid (Contreflèche)	Gegengewichtsblöcke (gegenausleger)	Плиты противовеса (контр-стрела)
LUFFING	Counterweight blocks (Counterjib)	Blocco di contrappeso (Controfreccia)	Bloc de contrepoid (Contreflèche)	Gegengewichtsblöcke (gegenausleger)	Плиты противовеса (контр-стрела)
TOPLESS	Total counterweighting (Counterjib)	contrappesatura totale (Controfreccia)	Contrepoids total (Contreflèche)	Gesamt gegenauslegerballast (gegenausleger)	Тотальный балласт контр-стрелы (контр-стрела)
LUFFING	Total counterweighting (Counterjib)	contrappesatura totale (Controfreccia)	Contrepoids total (Contreflèche)	Gesamt gegenauslegerballast (gegenausleger)	Тотальный балласт контр-стрелы (контр-стрела)
	Hoisting	Sollevamento	Levage	Heben	Подъем
	Trolleying	Traslazione carrello	Distribution	Katzfahren	Перемещение по стреле
	Luffing	Brandeggio	Relevage	Ausleger-Einziehen	Наклон стрелы
	Slewing	Rotazione	Orientation	Schwenken	Поворот
	Tower width	Larghezza torre	Largeur de la tour	Turmelementbreite	Ширина башни
	Height under hook	Altezza sotto gancio	Hauteur sous crochet	Höhe unter dem Haken	Высота под крюком

Key	Legenda	Légende	Zeichenerklärung	Условные обозначения

	EN	IT	FR	DE	RU
	One - rope pull	Tiro a 1 fune	Tir à un câble	Einscherung 1/1	Однократная запасовка троса
	Two - rope pull	Tiro a 2 funi	Tir à deux câbles	Einscherung 2/1	Двукратная запасовка троса
	Three - rope pull	Tiro a 3 funi	Tir à trois câbles	Einscherung 3/1	Трёхкратная запасовка троса
	Four - rope pull	Tiro a 4 funi	Tir à quatre câbles	Einscherung 4/1	Четырёхкратная запасовка троса
	Base on steel pads	Base con piedi regolabili	Grue sur pieds réglables	Kran auf verstellbaren Füßen	Кран на регулируемых лапах
	Travelling base	Base traslante	Grue à traslation	Fahrbarer Kran	Кран передвижной
	Foundation legs	Gambe di fondazione	Pieds de fondation	Ankerbeine	Ножки основания
	Expendable foundation element	Tronchetto di fondazione	Elèment a sceller	Fundamentanker	Анкер
	Required power	Potenza richiesta	Puissance requise	Erforderliche Leistung	Потребляемая мощность
	Wind conditions according to: ...	Condizioni del vento secondo norma: ...	Profil de vent suivant : ...	Windbedingungen gemäss: ...	Ветровой режим в соответствии с...
	Characteristics of the rope	Caratteristiche della fune	Caractéristiques de le du câble	Eigenschaften des Seils	Характеристики веревки
	Container	Container	Conteneur	Container	Футовый контейнер
	Lorry	Camion	Camion	Lkw	Грузовой автомобиль
	Max load	Carico massimo	Charge maximale	Maximale Belastung	максимальная нагрузка
	Hook / tower axis distance	Interasse gancio / asse torre	Distance crochet / axe de la tour	Abstand Haken-Turmachse	Положение подъемного крюка относительно оси башни
	Hook / tower axis distance	Interasse gancio / asse torre	Distance crochet / axe de la tour	Abstand Haken-Turmachse	Положение подъемного крюка относительно оси башни
	Speed	Velocità	Vitesse	Geschwindigkeit	скорость

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