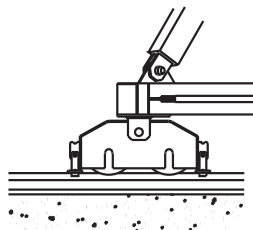


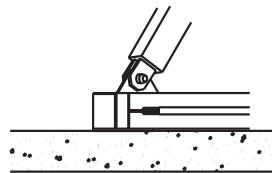
**UL** = ULTRALIFT  
**H** = Altezza sotto gancio  
 Height under hook  
 Hauteur sous crochet  
 Höhe unter dem Haken A  
 Высота под крюком



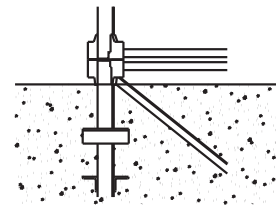
A4FEM1.001



B



C



D

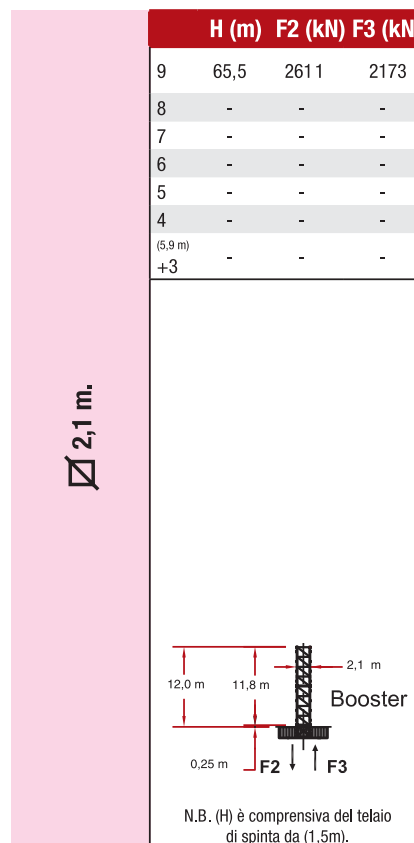
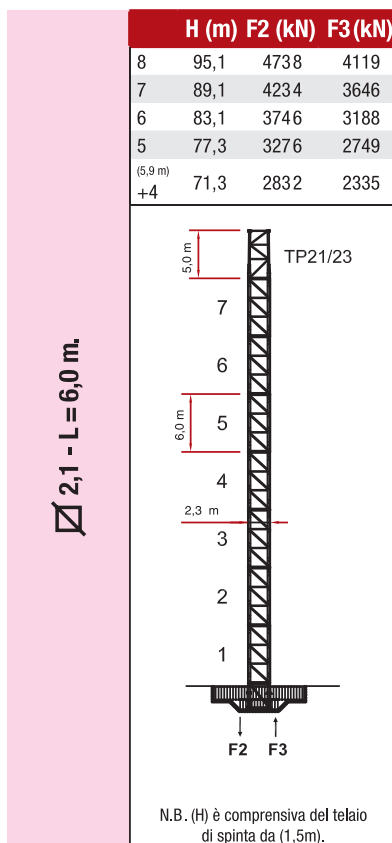
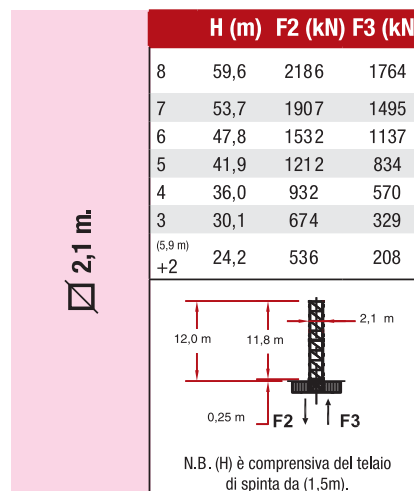
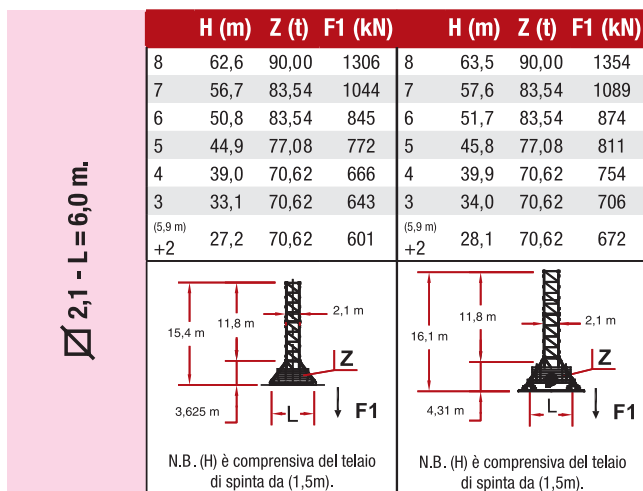


**RAIMONDI CRANES**  
 Building Tower Cranes Since 1946



**CONFIGURAZIONE TORRE - REAZIONI**

TOWER CONFIGURATION - REACTIONS / CONFIGURATION TOUR - RÉACTIONS / KONFIGURAZION MIT TURM – REAKTIONEN / КОНФИГУРАЦИЯ БАШНИ – РЕАКЦИИ



Attenersi alla zavorra indicata / Comply with the specified ballast / S'en tenir au lest indiqué / Unbedingt die angegebenen Ballastwerte einhalten / Соблюдать указанный балласт



## DIAGRAMMA DI PORTATA

RANGE DIAGRAM / DIAGRAMME DE CHARGE UTILE / BELASTBARKEITSDIAGRAMM /

ДИАГРАММА ГРУЗОПОДЪЕМНОСТИ



14.000 Kg./ 7.000 Kg.



16.000 Kg. / 8.000 Kg.



	36	40	46	50	56	60	66	70	76	36	40	46	50	56	60	66	70	76
2,8 ▶	22,2	21,5	21,1	20,6	20,1	19,6	19,3	17,7	15,5	19,3	18,7	18,5	18,0	17,6	17,1	16,8	15,4	13,1

13	14000	14000	14000	14000	14000	14000	14000	14000	14000	16000	16000	16000	16000	16000	16000	16000	16000	16000
15	14000	14000	14000	14000	14000	14000	14000	14000	14000	16000	16000	16000	16000	16000	16000	16000	16000	13689
16	14000	14000	14000	14000	14000	14000	14000	14000	13448	16000	16000	16000	16000	16000	16000	16000	15268	12698
18	14000	14000	14000	14000	14000	14000	14000	13740	11728	16000	16000	16000	16000	15567	15049	14787	13334	11066
20	14000	14000	14000	14000	14000	13652	13449	12170	10370	15357	14784	14634	14233	13804	13341	13107	11807	9777
22	14000	13635	13342	12999	12640	12240	12056	10899	9270	13783	13264	13128	12766	12378	11959	11747	10570	8734
24	12787	12347	12080	11767	11438	11073	10906	9849	8362	12482	12008	11884	11554	11199	10817	10623	9549	7873
26	11670	11266	11020	10732	10429	10093	9939	8967	7599	11390	10954	10840	10536	10209	9857	9679	8691	7149
28	10718	10344	10116	9850	9570	9259	9116	8216	7000	10459	10055	9950	9668	9366	9040	8875	7946	6532
30	9898	9550	9338	9089	8829	8539	8406	7568	6239	9657	9281	9182	8920	8639	8336	8182	7351	6001
32	9184	8858	8659	8427	8183	7912	7788	7004	5793	8958	8606	8514	8269	8006	7839	7657	6834	5538
34	8556	8250	8063	7845	7616	7362	7245	6588	5401	8344	8014	8000	7899	7615	7324	7152	6379	5131
36	8000	7711	7536	7330	7114	7000	6891	6173	5054	8000	7654	7649	7409	7141	6867	6705	5976	4771
38		7231	7065	6870	6668	6619	6482	5803	4744		7204	7199	6972	6719	6459	6306	5617	4449
40		7000	6911	6706	6481	6245	6115	5471	4467		6800	6796	6580	6340	6093	5948	5294	4178
42			6541	6346	6132	5907	5784	5171	4216			6431	6226	5998	5763	5625	5003	3942
44			6206	6019	5816	5601	5483	4900	3989			6101	5905	5688	5464	5332	4739	3727
46			5900	5722	5527	5322	5210	4652	3782			5800	5613	5405	5191	5065	4499	3532
48				5450	5263	5067	4960	4425	3592				5346	5146	4942	4821	4279	3353
50				5200	5021	4833	4730	4217	3418				5100	4909	4713	4597	4076	3188
52					4798	4617	4518	4026	3258					4690	4502	4390	3890	3037
54					4591	4418	4322	3848	3109					4488	4306	4199	3718	2897
56					4400	4233	4140	3684	2972					4300	4125	4022	3558	2767
58						4060	3972	3531	2844						3957	3858	3410	2647
60						3900	3814	3389	2725						3800	3704	3272	2534
62							3667	3255	2613							3560	3142	2429
64							3529	3131	2509							3426	3021	2330
66							3400	3014	2411							3300	2908	2238
68								2904	2319								2801	2151
70								2800	2232								2700	2069
72									2151									1992
74									2073									1919
76									2000									1850

### UL [ULTRALIFT]

Con il sistema ULTRALIFT tutte le portate intermedie aumentano il carico del 10%

All intermediate loads are increased of 10% if the crane is equipped with ULTRALIFT control

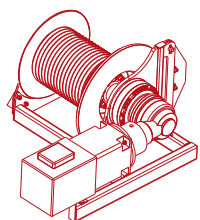
Les charges intermediaires sont augmentes de 10% si la grue est équipée avec controle ULTRALIFT

Mit dem ULTRALIFT-System erhöhen alle Zwischenbelastbarkeiten die Last um 10%

с системой ultralift все промежуточные грузоподъемности увеличиваются на 10%



## CARATTERISTICHE AZIONAMENTI PRINCIPALI

MAIN DRIVE CHARACTERISTICS / CARACTÉRISTIQUES ACTIONNEMENTS PRINCIPAUX /  
HAUPTBEDIENUNGSEIGENSCHAFTEN / ХАРАКТЕРИСТИКА ГЛАВНЫХ ПРИВОДОВ

380 VOLT ± 5%

P

CV-ch  
Ps-hp

kW

m.

Kg.

m/min.

Kg.

m/min.

10,0 T  
60HP  
5/10VF

60

250  
450 LB

45

1  
2  
3  
4  
55000  
5000  
5000  
3500  
24008  
18  
30  
48  
6010000  
10000  
10000  
7000  
48004  
9  
15  
24  
30

0 - 750 (\*) 80 (\*) 0 - 1500 (\*) 40 (\*)

12,0 T  
75HP  
6/12VF

75

300  
500 LB

55

1  
2  
3  
4  
56000  
6000  
6000  
3600  
25008  
24  
40  
64  
8012000  
12000  
12000  
7200  
50004  
12  
20  
32  
40

0 - 1000 (\*) 104 (\*) 0 - 2000 (\*) 52 (\*)

14,0 T  
75 HP  
7/14VF

75

300  
500 LB

55

1  
2  
3  
4  
57000  
7000  
7000  
3600  
25008  
24  
40  
64  
8014000  
14000  
14000  
7200  
50004  
12  
20  
32  
40

0 - 1000 (\*) 104 (\*) 0 - 2000 (\*) 52 (\*)

16,0 T  
75 HP  
8/16VF

75

250  
450 LB

55

1  
2  
3  
4  
58000  
8000  
8000  
4000  
25006  
20  
34  
52  
7016000  
16000  
16000  
8000  
50003  
10  
17  
26  
35

0 - 1200 (\*) 84 (\*) 0 - 2400 (\*) 42 (\*)

14,0 T  
100HP  
7/14VF

100

700 LB

73,5

1  
2  
3  
4  
57000  
7000  
7000  
3750  
25008  
30  
52  
92  
13614000  
14000  
14000  
7500  
50004  
15  
26  
46  
6816,0 T  
100HP  
8/16VF

100

700 LB

73,5

1  
2  
3  
4  
58000  
8000  
8000  
4000  
25008  
30  
52  
92  
13616000  
16000  
16000  
8000  
50004  
15  
26  
46  
68

08 / 05 - 2000 n. 2000/14/CE

ROTAZIONE  
SLEWING0,26 / 0,48 / 0,7 min<sup>-1</sup>

P = 4 X 4 kW

CARRELLO  
TROLLEY13,0 / 35,0 / 56 m/min  
PROGRESSIVO - PROGRESSIVE -  
ПРОГРЕССИВНЫЙ

P = 6,6 kW

TRASLAZIONE  
TRASLATION

19 m/min

P = 4 X 4 kW

(\*) VELOCITÀ REGOLATA AUTOMATICAMENTE  
DA SENSORE DI CORRENTE  
SPEED AUTOMATICALLY CONTROLLED  
BY A CURRENT SENSOR  
VITESSE RÉGLÉE AUTOMATIQUEMENT  
PAR CAPTEUR DE COURANT  
AUTOMATISCH DURCH STROMSENSOR  
GEREGELTE GESCHWINDIGKEIT  
СКОРОСТЬ АВТОМАТИЧЕСКИ  
РЕГУЛИРУЕТСЯ ДАТЧИКОМ ТОКА



## PESI E INGOMBRI


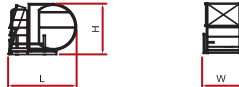
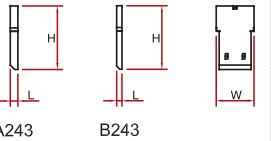
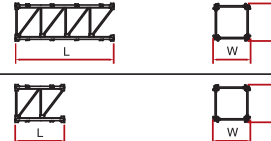
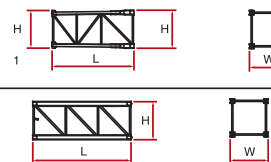

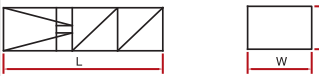



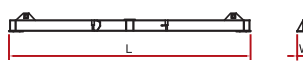

PACKING LIST / LISTE DE COLISAGE / GEWICHT UND ABMESSUNGEN / ВЕС И ГАБАРИТНЫЕ РАЗМЕРЫ

Pos. Item	Pezzi Pieces	Denominazione Description	Schizzo Sketch	Dimensioni Dimensions			Peso Weight		
				L	W	H	Unit	Total	
1	1	<b>Elemento di freccia</b> Jib element Elément deèche Elemento de flecha Элемент стрелы	n° 1		8,390	1,500	2,375	2975	-
	1		n° 2		6,190	1,500	2,301	1836	-
	1		n° 3		6,084	1,500	2,290	1560	-
	1		n° 4		6,135	1,500	2,290	1468	-
	1		n° 5		6,159	1,500	2,090	1147	-
	1		n° 6		6,109	1,500	2,090	999	-
	1		n° 7		6,104	1,500	2,090	851	-
	1		n° 8		4,204	1,500	1,680	526	-
	1		n° 9		6,105	1,500	1,680	664	-
	1		n° 10		4,124	1,500	1,660	398	-
	1		n° 11		6,035	1,500	1,660	608	-
	1		n° 12		5,965	1,500	1,210	469	-
	1		n° 13		4,066	1,500	1,210	302	-
	1		n° 14		5,920	1,500	1,210	391	-
			1	<b>Puntale freccia</b> Jib point Elément pointe Puntal de flecha Наконечник стрелы		0,900	1,530	1,385	92
2	1	<b>Elemento controfreccia esterno porta argano sollevamento</b> External counterjib section with hoisting winch Contreflèche extérieure porte treuil Elemento contraflecha externo porta cabrestante elevación Наружный элемент контрстрелы, несущий подъемную лебедку		7,745	2,290	2,395	4700	-	
3	1	<b>Elemento interno controfreccia</b> Internal counterjib section Contreflèche intérieure Elemento interno contraflecha Внутренний элемент контрстрелы		11,850	1,500	2,440	5100	-	
4	1	<b>Controfreccia completa</b> Complete counterjib Contreflèche complète Contraflecha completa Полная контрстрела		3,610	2,255	2,300	900	-	



## PESI E INGOMBRI




PACKING LIST / LISTE DE COLISAGE / GEWICHT UND ABMESSUNGEN / ВЕС И ГАБАРИТНЫЕ РАЗМЕРЫ

Pos. Item	Pezzi Pieces	Denominazione Description	Schizzo Sketch	Dimensioni Dimensions			Peso Weight		
				L	W	H	Unit	Total	
5	1	<b>Gruppo girevole</b> Slewing table Table tournante Grupo giratorio Узел вращения		2,300	3,150	1,900	6800	-	
6	1	<b>Ballatoio cabina, cabina</b> access balcony, cabin Porte cabine Balcón corrido cabina, cabina Площадка кабины, кабина		3,450	1,600	2,240	861	-	
7	6	<b>Blocchi di contrappeso</b> Counterweight block Contre-poids Bloques de contrapeso Блоки противовеса		A 243	0,295	1,490	2,500	2200	13200
	5			B 243	0,210	1,490	2,500	1575	7875
8	-	<b>Elemento di torre</b> Tower element Elément de mature Elemento de torre Башенный элемент	GR5S 	5,90	2,300	2,300	3450	-	
9	-			2,95	2,300	2,300	1900	-	
10	-	<b>Elemento di torre</b> Tower element Elément de mature Elemento de torre Башенный элемент	GR6 	5,00	2,325	2,320 H1 2,300	3000	-	
11	-			6,000	2,325	2,320	5555	-	
12	1	<b>Elemento di base</b> Base element Mat de base Elemento de base Элемент основания		3,000	2,400	2,400	1950	-	
13	1	<b>Gabbia di montaggio</b> Climbing cage Cage de montage Jaula de montaje Монтажная клеть		8,530	3,100	2,300	7670	-	
14	1	<b>Tronchetto di fondazione</b> Expendable foundation element Elément a sceller Tronco de fundación Ствол основания		1,820	2,400	2,400	1370	-	
15	4	<b>Gambe di fondazione</b> Fixing angles Pieds de scellement Patas de fundación Ножки основания		1,820	0,470	0,470	280	1120	
16	4	<b>Puntoni di base</b> Oblique legs Jambes de force Cabrios de base Стойки основания		3,770	0,230	0,260	340	1360	
17	1	<b>Trave principale della crociera di base</b> Base main beam Poutre de chassis de base Viga principal de la cruceta de base Главная балка крестовины основания		8,900	0,720	0,760	1650	-	
18	2	<b>Semitrave della crociera di base</b> Half base beam Semipoutre de chassis de base Media viga de la cruceta de base Полубалка крестовины основания		4,350	0,600	0,760	750	1500	



## PESI E INGOMBRI

PACKING LIST / LISTE DE COLISAGE / GEWICHT UND ABMESSUNGEN / ВЕС И ГАБАРИТНЫЕ РАЗМЕРЫ

Pos. Item	Pezzi Pieces	Denominazione Description	Schizzo Sketch	Dimensioni Dimensions			Peso Weight		
				L	W	H	Unit	Total	
19	4	<b>Bilancino di traslazione motorizzato</b> Driven bogie Boggie motorisée Balancin de traslación motorizado Приводной балансир горизонтального перемещения		1,750	0,705	0,790	1000	4000	
20	-	<b>Blocco di zavorra</b> Base ballast block Lest de base Bloque de lastre Блок балласта		3G	4,200	0,320	1,400	3230	--
	-			3H	5,200	0,400	1,400	6240	--



**ALTRE INSTALLAZIONI - [RI] 2,10 / 45**

LOADING PLAN / AUTRES INSTALLATIONS / LADEPLAN / ДРУГИЕ УСТАНОВКИ

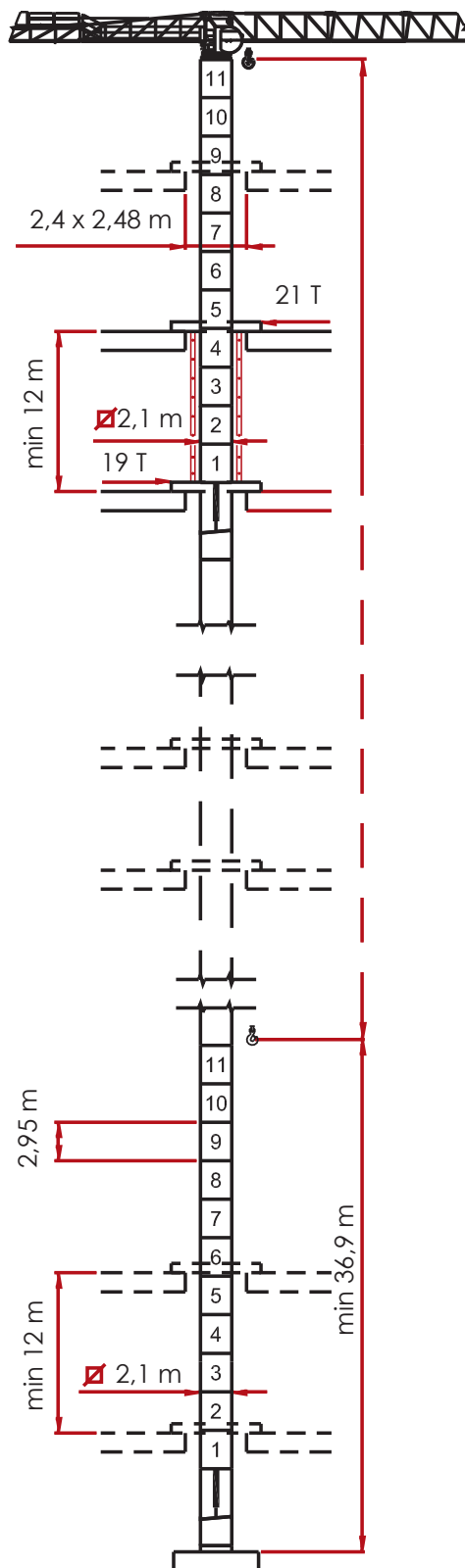
**[RI]**

GRU IN CAVEDIO

TÉLESCOPAGE SUR DALLES

CLIMBING CRANE

KLETTERKRANE IM GEBÄUDE

Поднимающийся на  
плитах перекрытия

## ALTRE INSTALLAZIONI - [HC] 2,10 / 45

LOADING PLAN / AUTRES INSTALLATIONS / LADEPLAN / ДРУГИЕ УСТАНОВКИ

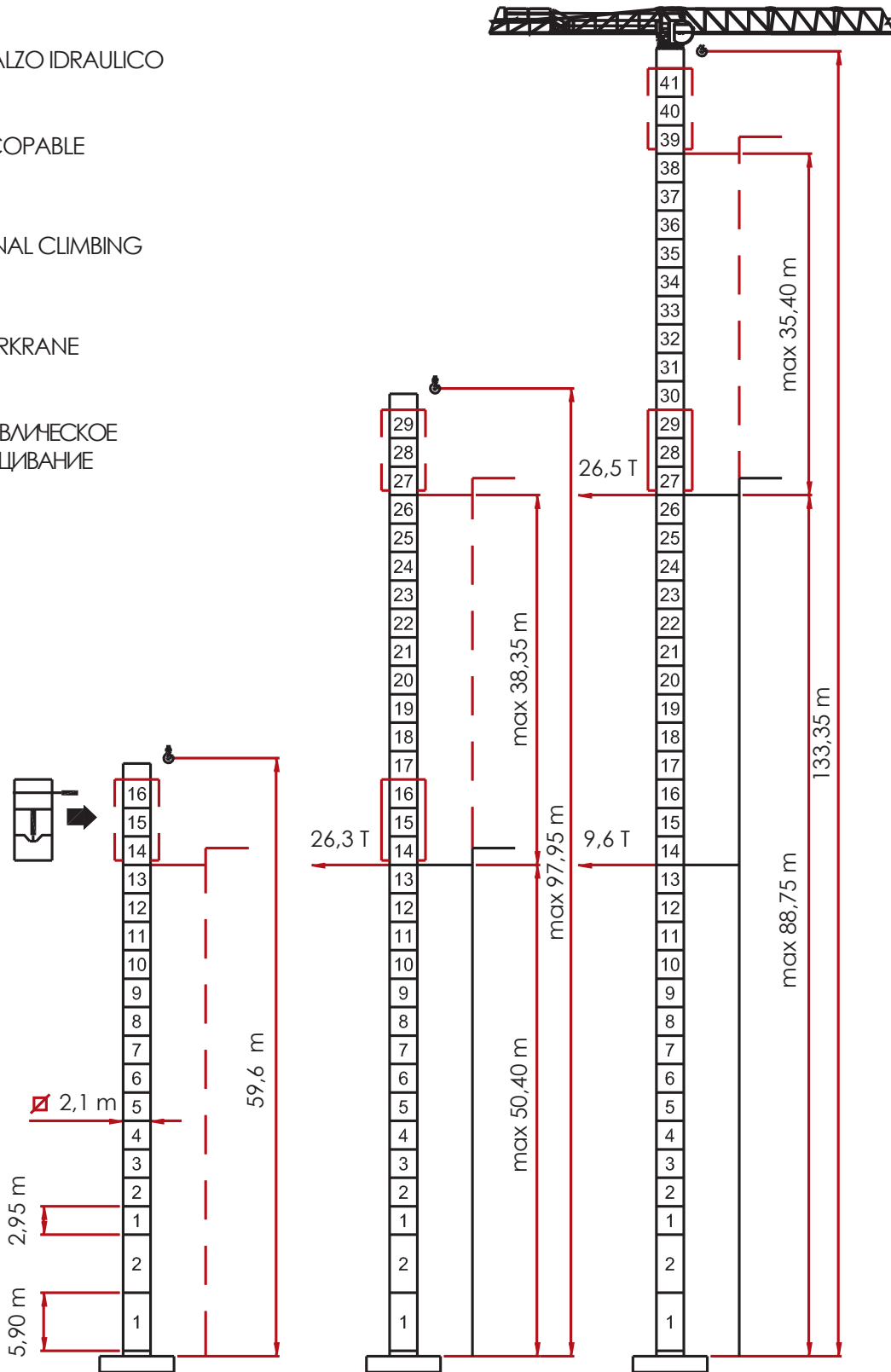
[HC] SOPRALZO IDRAULICO

TELESCOPABLE

EXTERNAL CLIMBING


KLETTERKRANE

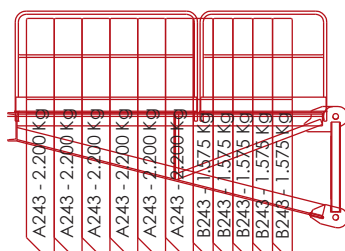
ГИДРАВЛИЧЕСКОЕ  
НАРАЩИВАНИЕ



**CONTRAPPESI - MONTAGGIO E PUNTI D'IMBRACAGGIO**

COUNTERWEIGHTS – ASSEMBLY AND SLINGING POINTS / CONTREPOIDS – MONTAGE ET POINTS D'ÉLINGAGE / GEGENGEWICHTE – MONTAGE UND ANSCHLAGPUNKTE / ПРОТИВОВЕСЫ – УСТАНОВКА И ТОЧКИ КРЕПЛЕНИЯ

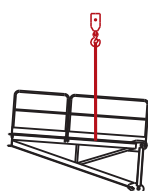
m		Kg.Totali
76.0	6A + 5B	21.075
70.0	6A + 4B	19.500
66.0	6A + 4B	19.500
60.0	6A + 3B	17.925
56.0	6A + 2B	16.350
50.0	6A + 1B	14.775
46.0	5A + 1B	12.575
40.0	4A + 1B	10.375
36.0	3A + 2B	9.750
30.0	2A + 2B	7.550
24.0	1A + 2B	5.350



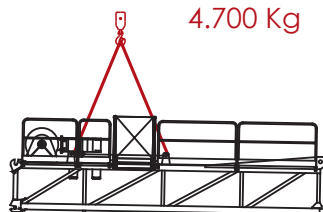
**A 243**  
**B 243**

2.200 Kg  
1.575 Kg

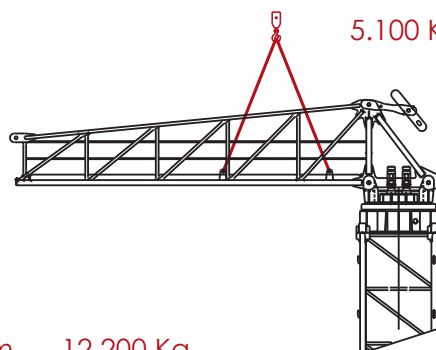
900 Kg



4.700 Kg



5.100 Kg



5.4m  
5.0m

76 m - 12.200 Kg



BILANCIAMENTO  
CONTRAPPESI

COUNTERWEIGHT  
BALANCING

ÉQUILIBRAGE  
CONTREPOIDS

AUSWUCHTUNG DER  
GEGENGEWICHTE

БАЛАНСИРОВКА  
ПРОТИВОВЕСОВ



VERIFICARE I PUNTI DI  
IMBRACAGGIO

SLINGING POINT CHECK

VÉRIFICATION DES  
POINTS D'ÉLINGAGE

ÜBERPRÜFUNG DER  
ANSCHLAGPUNKTE

ПРОВЕРКА ТОЧЕК  
КРЕПЛЕНИЯ



ATTENERSI AL NUMERO E  
TIPO DI BLOCCHI DI  
CONTRAPPESO INDICATO  
IN TABELLA

PLEASE COMPLY WITH  
THE NUMBER AND TYPE OF  
COUNTERWEIGHT BLOCKS  
GIVEN IN THE CHART

S'EN TENIR AU NOMBRE  
ET AU TYPE DE BLOCS DE  
CONTREPOIDS INDIQUÉ  
DANS LE TABLEAU

DIE ANZAHL UND  
DEN TYP DER IN DER  
TABELLE ANGEGEBENEN  
GEGENGEWICHTSBLÖCKE  
EINHALTEN

СОБЛЮДАТЬ  
КОЛИЧЕСТВО И МОДЕЛЬ  
ПЛИТ ПРОТИВОВЕСА,  
УКАЗАННЫХ В ТАБЛИЦЕ





INFO

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