

# CARLO RAIMONDI



Tower Crane

## City Crane **MR183**

Luffing Jib Crane

### MR183

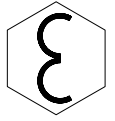
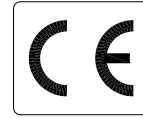
Ultima nata della famiglia City Cranes, ha un braccio di 66 metri e offre il meglio per quanto riguarda semplicità, efficienza ed affidabilità. Per altezze e impieghi particolari è disponibile una versione con la torre GR5.

### MR183

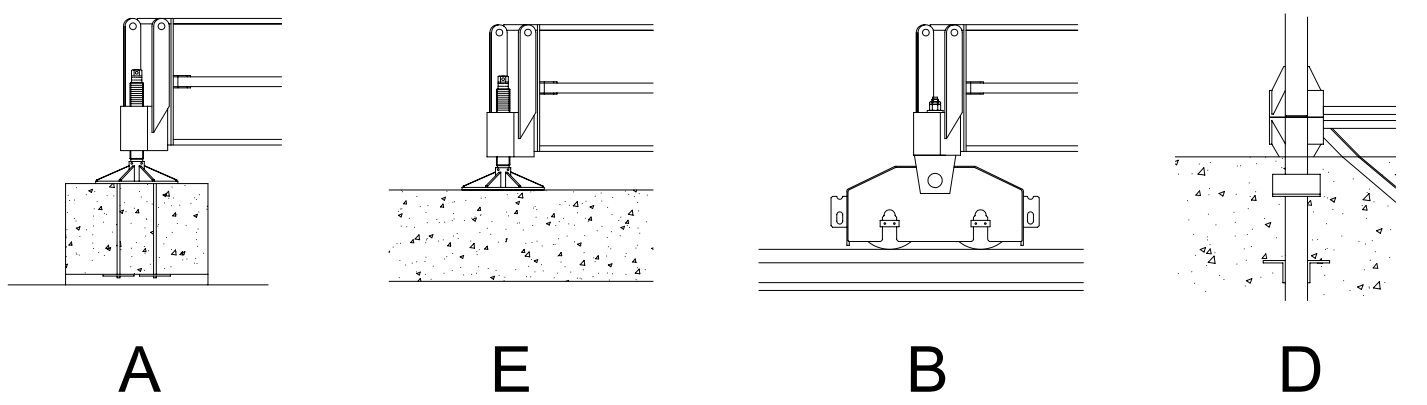
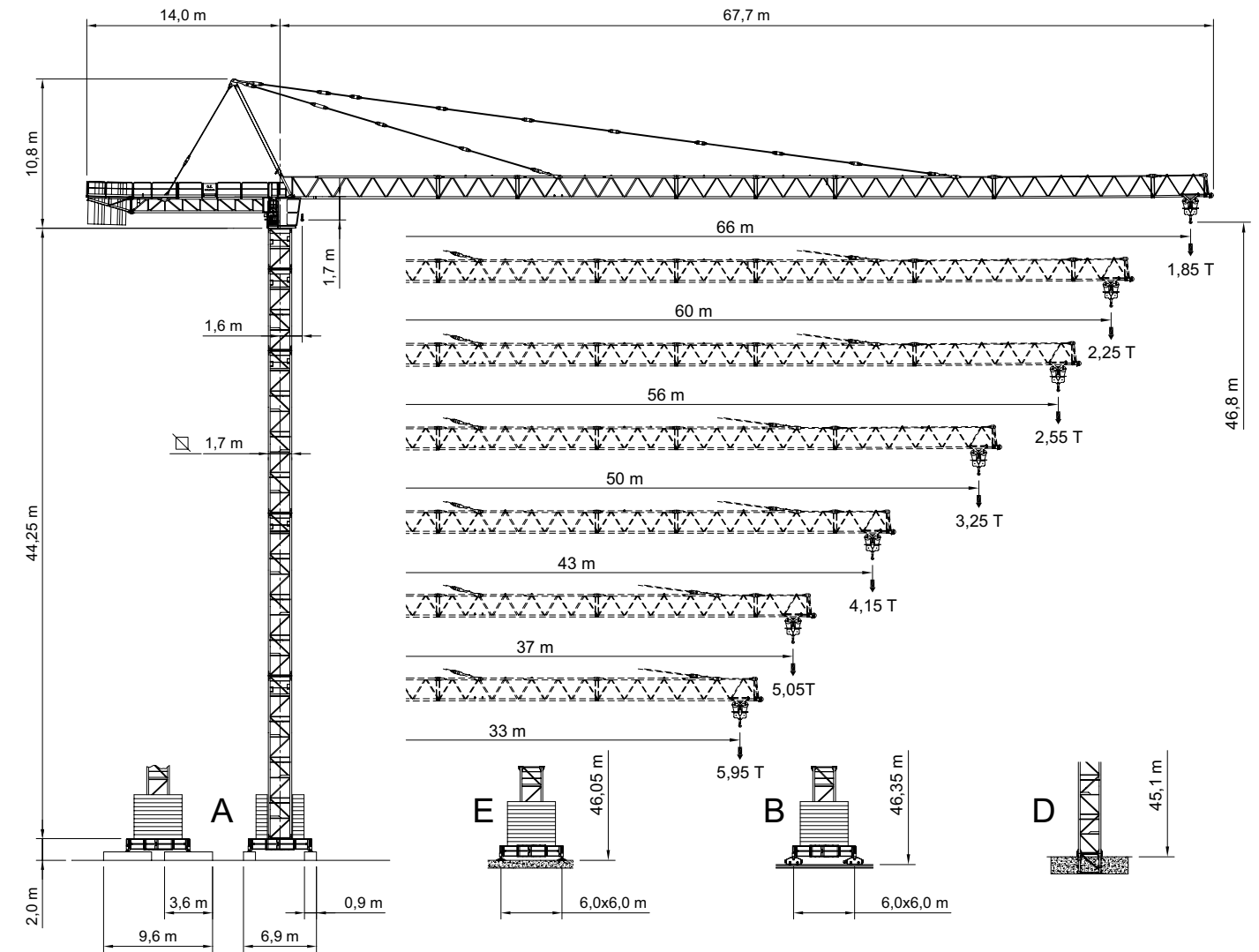
*Last-born crane of the City Cranes family, this crane is equipped with a 66 m. jib and is a perfect synthesis of simplicity, efficiency and reliability. For particular heights and applications, a version with tower GR5 is also available.*

# City Crane MR 183 GR4






GRU A TORRE A MONTAGGIO RAPIDO  
«CITY» TOWER CRANE



A4 FEM1.001



RAGGI E PORTATE  
RADIUS AND S.W.L.  
PORTEE ET CHARGE  
AUSLADUNG UND TRAGFAHIGKEIT

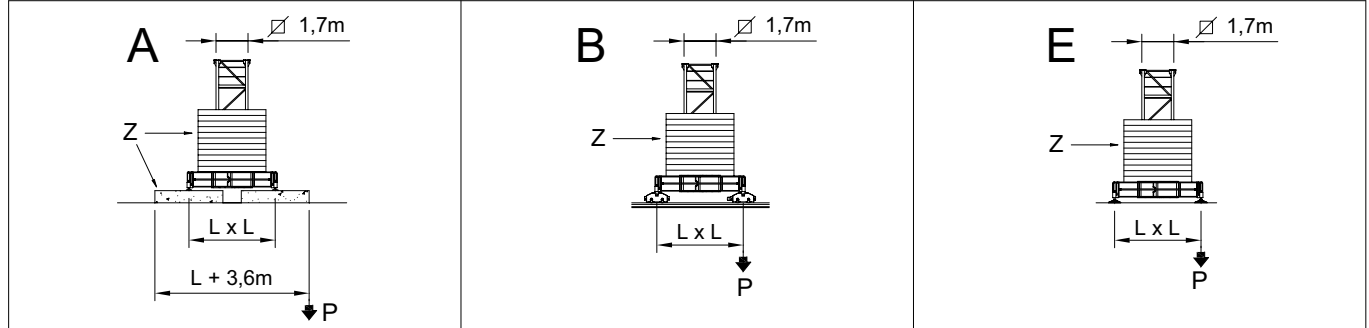
Portata max / Max s.w.l. Charge maxi / Max. Tragfähigkeit		8000 kg.  / 4000 kg. 						10000 kg.  / 5000 kg. 								
Sbraccio / Radius Ausladung / Portée	m.	33	37	43	50	56	60	66	33	37	43	50	56	60	66	
Campo di portata max da Max s.w.l. range from Charge maxi de Max. Tragfähigkeit von	2,8 m a to à bis	24,60	24,07	23,61	23,20	21,85	21,36	20,47	20,39	19,85	19,16	18,61	18,00	17,36	16,65	
Sbraccio (m.) Radius (m.) Portée (m.) Ausladung (m.)		16	8000	8000	8000	8000	8000	8000	8000	10000	10000	10000	10000	10000	10000	10000
		18	8000	8000	8000	8000	8000	8000	8000	10000	10000	10000	10000	10000	9588	9136
		20	8000	8000	8000	8000	8000	8000	8000	10000	9916	9518	9202	8856	8485	8080
		22	8000	8000	8000	8000	7937	7731	7363	9165	8886	8526	8240	7927	7591	7224
		24	8000	8000	7851	7695	7182	6993	6657	8290	8035	7706	7445	7159	6852	6517
		26	7511	7323	7162	7018	6546	6373	6063	7554	7319	7016	6776	6513	6231	5922
		28	6898	6724	6575	6442	6005	5844	5557	6927	6709	6428	6206	5962	5701	5415
		30	6369	6207	6069	5945	5538	5388	5121	6385	6183	5921	5714	5487	5244	4978
		32	5909	5757	5628	5511	5131	4991	4741	5914	5724	5480	5286	5073	4846	4597
		33	5700	5553	5428	5315	4946	4810	4568	5700	5516	5279	5092	4886	4665	4424
	36		5011	4896	4793	4455	4331	4110		4964	4747	4575	4387	4185	3965	
	37		4850	4738	4638	4310	4189	3974		4800	4589	4422	4239	4043	3829	
	40			4314	4221	3918	3807	3608			4164	4010	3841	3660	3462	
	42			4065	3977	3689	3583	3394			3916	3769	3608	3436	3247	
	43			3950	3864	3583	3479	3295			3800	3657	3500	3332	3148	
	46				3554	3292	3195	3023				3350	3204	3047	2875	
	48				3370	3118	3026	2861				3168	3027	2877	2713	
	50				3200	2959	2870	2712				3000	2865	2721	2564	
	52					2812	2727	2575					2716	2577	2426	
	54					2676	2594	2448					2578	2445	2299	
56					2550	2471	2330					2450	2321	2181		
58						2357	2221						2207	2071		
60						2250	2118						2100	1969		
62							2023							1873		
64							1934							1784		
66							1850							1700		
Solo tiro semplice: Two reeving only: Mouflage à deux brins seulement: Nur zwei-stränge:		<b>+100 Kg.</b>						<b>150 Kg.</b>								

BRACCIO E CONTRAPPESO  
JIB AND COUNTERWEIGHT  
FLECHE ET CONTREPOIDS  
AUSLEGER UND GEGENGEWICHTSBALLAST

Braccio / Jib Flèche / Ausleger	(m)	33	37	43	50	56	60	66
Contrappeso / Counterweight Contrepoids / Gegengewicht	(t)	11,545	13,145	14,745	17,28	19,815	21,415	25,55
Composizione Composition Komposition	Tipo / Type	Quantità / Quantity / Nombre / Anzahl						
	A 183	2	2	2	2	2	2	2
	B 183	1	1	1	2	3	3	4
	C 183	-	1	2	2	2	3	4

4 MR 183

ALTEZZA SOTTOGANCIO, ZAVORRA DI BASE, REAZIONI  
 H.U.H MAX. BASE BALLAST AND CORNER PRESSURE  
 H.S.C., LEST DE BASE MAXI ET REACTIONS  
 HAKENHOHEN, MAXIMALE ZENTRALBALLASTE UND ECKKRAFT



SU BASE / ON UNDERCARRIAGE  
 SUR CHASSIS / AUF UNTERWAGEN

L = 4,5 m

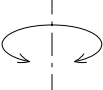

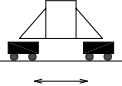
H (m)	max. Z (t)	max. P (kN)	H (m)	max. Z (t)	max. P (kN)	H (m)	max. Z (t)	max. P (kN)
20,3	68,48	579	19,8	65,7	571	19,5	67,7	559
26,2	68,48	609	25,7	65,7	600	25,4	67,7	590
32,1	68,48	643	31,6	65,7	634	31,3	67,7	626
38,0	68,48	684	37,5	67,0	673	37,2	69	666
43,9	80,08	735	43,4	74	720	43,1	76	713
46,8	85,88	840	46,3	81,5	821	46,0	83,5	816

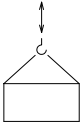


L = 6 m

H (m)	max. Z (t)	max. P (kN)	H (m)	max. Z (t)	max. P (kN)	H (m)	max. Z (t)	max. P (kN)
20,3	43	467	19,8	41	455	19,5	43	445
26,2	43	488	25,7	41	478	25,4	43	470
32,1	43	513	31,6	41	505	31,3	43	498
38,0	45,3	543	37,5	46,4	536	37,2	46,4	530
43,9	51,1	581	43,4	52,2	574	43,1	52,2	571
46,8	62,7	655	46,3	63,8	648	46,0	63,8	64,4

SU PLINTO / ON FOUNDATION ANCHORS  
 SUR PIEDS DE SCELLEMENT / AUF FUNDAMENTANKER

	H (m)	18,6	24,5	30,4	36,3	42,2	45,1
	T (kN)	585	642	710	793	891	946
	P (kN)	831	899	979	1073	1183	1276
	q max. (Kg/cm <sup>2</sup> )	1,17	1,26	1,38	1,53	1,73	1,95
	H (m)	49,5					
	T (kN)	1043					
	P (kN)	1382					
	q max. (Kg/cm <sup>2</sup> )	1,357					

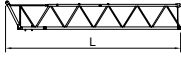



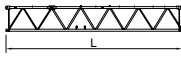



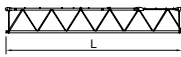

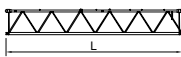





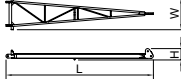

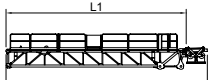

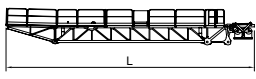


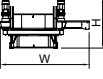

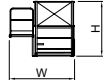
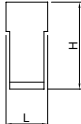

		Velocità / Speed / Vitesse / Geschwindigkeit	Potenza / Power / Puissance / Leistung
<b>Rotazione Slewing Orientation Schwenken</b>		0,26 / 0,48 / 0,7 min <sup>-1</sup>	2 x 4,8 Kw
<b>Carrello Trolley Chariot Katzfahren</b>		27 / 54 m/min	5,5 Kw
		18,8 / 35,2 / 54 m/min Progressivo - Progressive	5,5 Kw
<b>Traslazione Rail Translation Kranfahren</b>		20 m/min	2 x 4 Kw


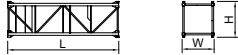


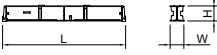





Argano Winch Treuril Hubwerk		Marcia Step Vitesse Gang	Carico / velocità - Load / speed Charge / vitesse - Tragfähigkeit / Geschwindigkeit		
					
<b>Tipo Type Type Typ</b>	33 HP 24,3 Kw - 8VF INVERTER	1	4000 Kg - 5,6 m/min	8000 Kg - 2,8 m/min	
		2	4000 Kg - 28 m/min	8000 Kg - 14 m/min	
		3	2000 Kg - 56 m/min	4000 Kg - 28 m/min	
			1300 Kg - 67 m/min	2600 Kg - 33,6 m/min	
		50 HP 37 Kw - 8VF INVERTER	1	4000 Kg - 9 m/min	8000 Kg - 5 m/min
			2	4000 Kg - 28 m/min	8000 Kg - 14 m/min
	3		4000 Kg - 45 m/min	4000 Kg - 23 m/min	
	4		2509 Kg - 75 m/min	4689 Kg - 38 m/min	
	5		1907 Kg - 98 m/min	3516 Kg - 49 m/min	
	33 HP 24,3 Kw - 10	1	5000 Kg - 5,7 m/min	10000 Kg - 2,8 m/min	
		2	5000 Kg - 23 m/min	10000 Kg - 11,5 m/min	
		3	2500 Kg - 46 m/min	5000 Kg - 23 m/min	
	33 HP 24,3 Kw - 10VF INVERTER	1	5000 Kg - 5,7 m/min	10000 Kg - 2,8 m/min	
		2	5000 Kg - 23 m/min	10000 Kg - 11,5 m/min	
		3	2500 Kg - 46 m/min	5000 Kg - 23 m/min	
		4	1800 Kg - 54 m/min	3600 Kg - 27 m/min	
	50 HP 37 Kw - 10VF INVERTER	1	5000 Kg - 3 m/min	10000 Kg - 1,5m m/min	
		2	5000 Kg - 16 m/min	10000 Kg - 8 m/min	
		3	5000 Kg - 32 m/min	10000 Kg - 16 m/min	
		4	3000 Kg - 50 m/min	6600 Kg - 25 m/min	
5		2100 Kg - 68 m/min	4600 Kg - 34 m/min		

Conforme alla direttiva CEE 85/534 sul livello acustico - In compliance with the EEC 84/534 instruction on noise level - Conforme à directive CEE 84/534 sur le niveau acoustique  
Gemäss EWG 84/534 über Schall - Leistungspegel - Conforme con la directive CEE 84/534 sobre el nivel acustico.

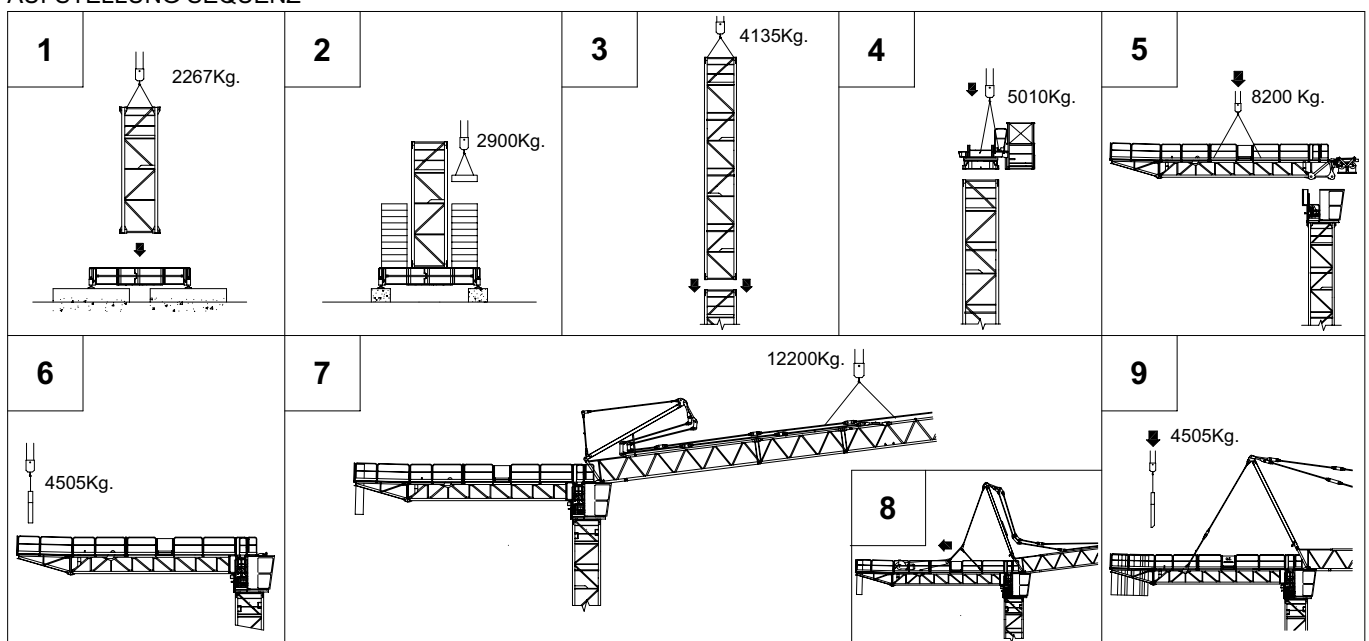
FORZA MOTRICE TOTALE TOTAL INSTALLED POWER PUISSANCE TOTALE DES MOTEURS GESAMT-MOTORENLEISTUNG	24,3 Kw (33HP)	37 Kw (50HP)
	48 Kw	60 Kw

LISTA DEI PESI / PACKING LIST  
LISTE DE COLISAGE / KOLLI-LISTE

Pos. Item	Pezzi Pieces	Denominazione Description	Schizzo Sketch	Dimensioni Dimensions			Peso Weight (Kg)			
				L	W	H	Unit.	Total.		
1	1	<b>Elemento di freccia</b> Jib element Elément de flèche Ausleger	N°1			11,650	1,500	1,990	1712	1712
	1		N°2			6,010	1,500	1,675	705	705
	1		N°3			11,770	1,500	1,675	1405	1405
	2		N°4A-4B			6,010	1,500	1,675	660	1320
	1		N°5			11,775	1,500	1,685	1261	1261
	1		N°6			11,790	1,500	1,685	1023	1023
	1		N°7			4,110	1,500	1,685	374	374
	1		<b>Puntale freccia</b> Jib point Elément pointe Spitzelement			1,300	1,530	1,725	90	90
2	1	<b>Cuspide</b> A frame Pointe Turmspitze			7,820	1,700	0,530	720	720	
3	1	<b>Controfreccia,organo di sollev., quadro elettrico,carrello freccia etc.</b> Counterjib, hoisting winch, trolley jib, electrical box etc. Contreflèche tournante, treuil de levage, chariot de flèche, armoire électrique etc. Gegenausleger, Hubwinde, Laufkatze Schaltschrank etc.			13,350 (L1) 11,950	2,605	2,400	7400 6550	7400 6550	
	1	<b>Controfreccia,organo di sollev., quadro elettrico,carrello freccia,portablocchi.</b> Counterjib, hoisting winch, trolley jib, electrical box, element for counterweight. Contreflèche,treuil de levage, chariot de flèche, armoire électrique, élément terminal. Gegenausleger, Hubwinde, Laufkatze Schaltschrank Gegenwichtelement.			16,480	2,605	2,400	8200	8200	
4	1	<b>Gruppo girevole</b> Slewing table Table tournante Drehgruppe			1,900	3,200	1,900	4150	4150	
5	1	<b>Ballatoio cabina, cabina</b> Access balcony, cabin Porte cabine Wartung plattform			2,470	3,530	2,190	861	861	
6	2	<b>Blocchi di contrappeso</b> Counterweight block Contre-poids Gegengewichtsblocke			A183	1,670	0,480	2,810	4505	9010
	B183				1,670	0,270	2,810	2535	10140	
	C183				1,670	0,170	2,810	1600	6400	

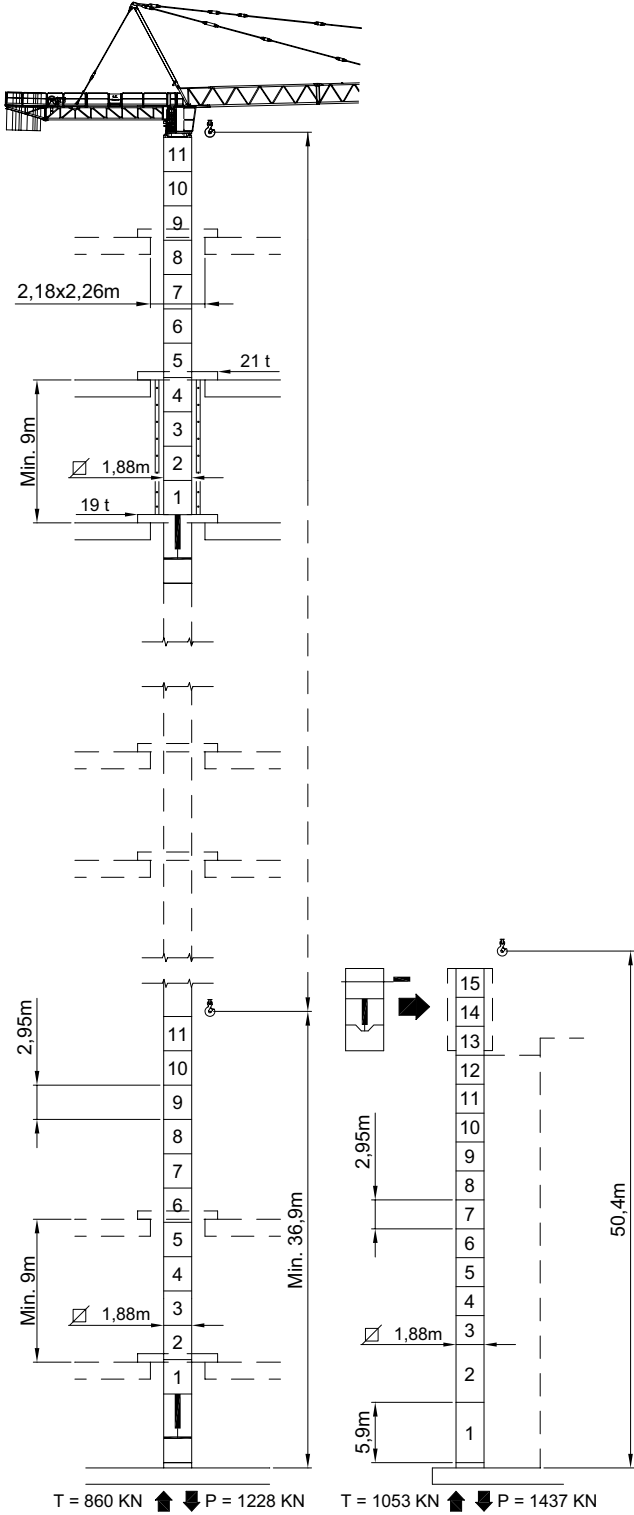
Pos. Item	Pezzi Pieces	Denominazione Description	Schizzo Sketch	Dimensioni Dimensions			Peso Weight (Kg)		
				L	W	H	Unit.	Total.	
7	-	<b>Elemento di torre</b> Tower element Elément de mature Turmstück		2,950	1,900	1,700	1335	1335	
8	-			5,900	1,900	1,700	2267	2267	
9	-			11,800	1,900	1,700	4135	4135	
10	1	<b>Tronchetto di fondazione</b> Expendable foundation element Elément a sceller Fundamentanker		1,465	1,980	1,980	830	830	
11	1	<b>Trave principale della crociera di base</b> Base main beam Poutre de chassis de base Hauptträger für Kreuzgelenk		6,0 x 6,0	8,645	0,780	0,960	3475	3475
				4,5 x 4,5	6,524	0,780	0,960	2595	2595
12	2	<b>Semitrave della crociera di base</b> Half base beam Semipoutre de chassis de base Halbträger für Kreuzgelenk		6,0 x 6,0	4,323	0,680	0,974	1745	3490
				4,5 x 4,5	3,212	0,680	0,974	1235	2470
13	4	<b>Blocco di appoggio</b> Concrete pad Sabot en béton Betonfuss (B5)		3,600	0,900	0,750	5520	22080	
14	2	<b>Bilancino di traslazione folle</b> Driven bogie Boggie fou Fahrschemel ohne motorantrieb		1,315	0,222	0,540	600	1200	
15	2	<b>Bilancino di traslazione motorizzato</b> Driving bogie Boggie motorisée Fahrschemel mit motorantrieb		1,427	0,492	0,540	765	1530	
16	29	<b>Blocco di zavorra</b> Base ballast block Lest de base Grundballastblöcken (GB3)		3,600	1,200	0,300	2900	84100	

SEQUENZA DI MONTAGGIO  
ASSEMBLING SEQUENCE  
SEQUENCE DE MONTAGE  
AUFSTELLUNG SEQUENZ



# MR 183 RI

RAMPANTE  
FLOOR CLIMBING  
TELESCOPABLE SUR DALLES  
KLETTERKRANE IM GEBAUDE



# MR 183 HC4

A SOPRALZO IDRAULICO  
EXTERNAL CLIMBING  
TELESCOPABLE  
KLETTERKRANE

