GRU DA CITTÀ - CITY CRANE
CITY CRANE - CITY KRAN

MR210

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Scheda Tecnica
Technical Data Sheet
Spécific Techniques
Technische Spezifikationen

MR210

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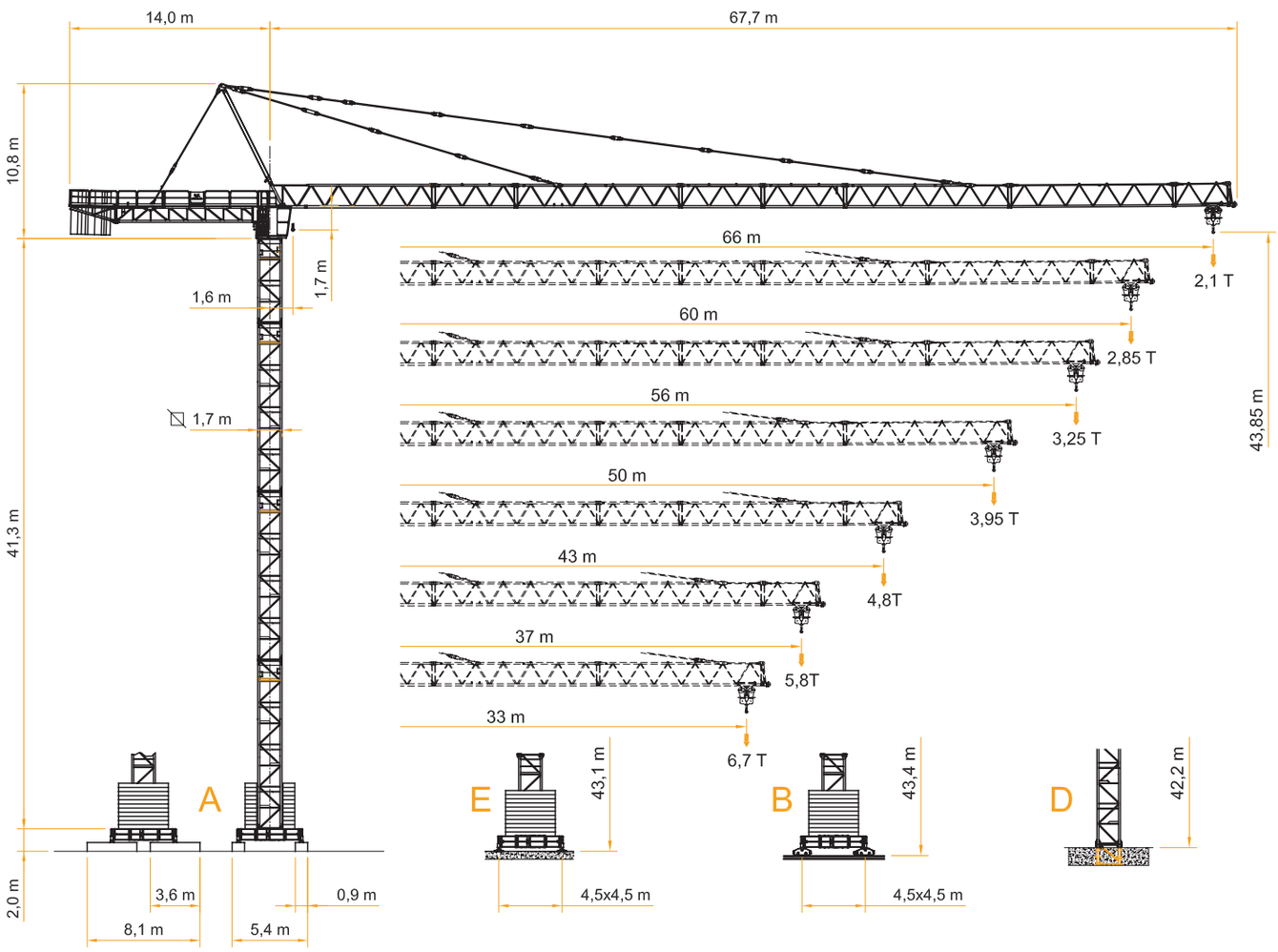
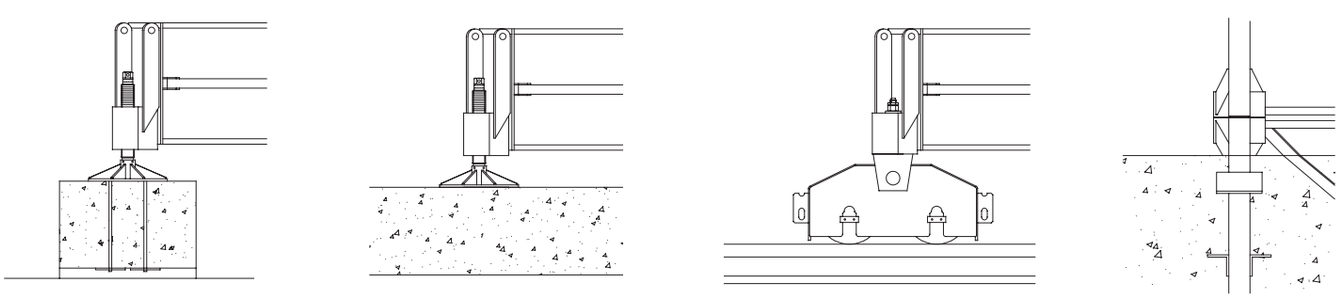
A4 FEM1,001





A E B D

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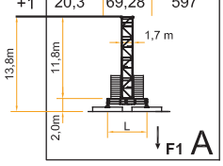
ALTEZZA SOTTOGANCIO

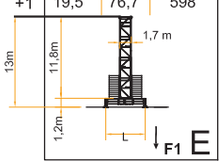
Height under hook / Hauteur sous crochet / Hakenhöhe

1,7 - L=4,5m

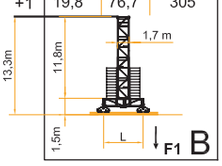
	H (m)	Z (t)	F1 (kN)
7	-	-	-
6	-	-	-
5	43,9	98,78	808
4	38,0	86,98	736
3	32,1	75,18	675
2	26,2	69,28	597
5,9m +1	20,3	69,28	597



	H (m)	Z (t)	F1 (kN)
7	-	-	-
6	-	-	-
5	43,1	100,3	804
4	37,2	88,5	738
3	31,3	82,6	677
2	25,4	76,7	623
5,9m +1	19,5	76,7	598

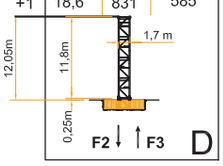


	H (m)	Z (t)	F1 (kN)
7	-	-	-
6	-	-	-
5	43,4	100,3	815
4	37,5	88,5	747
3	31,6	82,6	686
2	25,7	76,7	632
5,9m +1	19,8	76,7	305



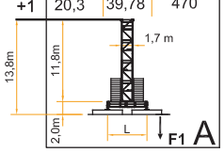
1,7

	H (m)	F2 (kN)	F3 (kN)
7	-	-	-
6	-	-	-
5	42,2	1183	891
4	36,3	1073	793
3	30,4	979	710
2	24,5	899	642
5,9m +1	18,6	831	585

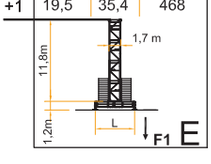


1,7m - L=6m

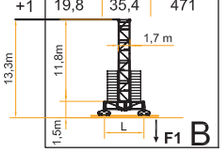
	H (m)	Z (t)	F1 (kN)
8	-	-	-
7	-	-	-
6	-	-	-
5	43,9	63,38	660
4	38,0	45,68	610
3	32,1	39,78	555
2	26,2	39,78	513
5,9m +1	20,3	39,78	470



	H (m)	Z (t)	F1 (kN)
8	-	-	-
7	-	-	-
6	-	-	-
5	43,1	53,1	606
4	37,2	41,3	551
3	31,3	41,3	516
2	25,4	35,4	489
5,9m +1	19,5	35,4	468

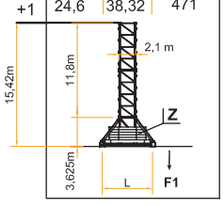


	H (m)	Z (t)	F1 (kN)
8	-	-	-
7	-	-	-
6	-	-	-
5	43,4	53,1	616
4	37,5	41,3	555
3	31,6	41,3	522
2	25,7	35,4	491
5,9m +1	19,8	35,4	471

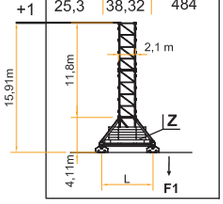


2,1m - L=6m

	H (m)	Z (t)	F1 (kN)
7	60,0	96,46	1255
6	54,1	64,16	997
5	48,2	57,70	775
4	42,3	51,24	602
3	36,4	44,78	547
2	30,5	38,32	502
5,9m +1	24,6	38,32	471

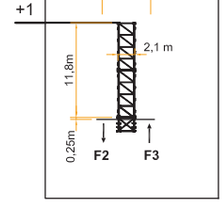


	H (m)	Z (t)	F1 (kN)
7	60,7	96,46	1268
6	54,8	64,16	1009
5	48,9	57,70	785
4	43,0	51,24	611
3	37,1	44,78	556
2	31,2	38,32	512
5,9m +1	25,3	38,32	484



2,1

	H (m)	F2 (kN)	F3 (kN)
7	56,4	1762	1408
6	50,5	1422	1081
5	44,6	1123	793
4	38,7	958	651
3	32,8	883	591
2	26,9	818	540
5,9m +1			



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PORTATA

Load - Charge - Tragfähigkeit

Portata max / Max s.w.l. Charge maxi / Max. Tragfähigkeit			8000 Kg. / 4000 Kg.							10000 Kg. / 5000 Kg.						
Sbraccio / Jib Auslandung /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	28,3	28,0	27,7	27,4	26,2	25,4	22,3	22,9	22,7	22,4	22,2	21,3	20,6	18,1
Sbraccio (m.) Radius (m.) Portèe (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	10000	10000
		20	8000	8000	8000	8000	8000	8000	8000	10000	10000	10000	10000	10000	10000	8932
		22	8000	8000	8000	8000	8000	8000	8000	10000	10000	10000	10000	9624	9271	7996
		24	8000	8000	8000	8000	8000	8000	7354	9471	9363	9254	9145	8709	8387	7221
		26	8000	8000	8000	8000	8000	7780	6705	8641	8541	8442	8341	7939	7643	6570
		28	8000	7988	7894	7797	7424	7148	6152	7933	7841	7749	7655	7283	7009	6016
		30	7472	7385	7297	7207	6859	6602	5675	7323	7237	7151	7064	6718	6462	5537
		32	6941	6859	6777	6693	6367	6127	5260	6791	6711	6630	6549	6225	5986	5120
		33	6700	6621	6541	6460	6145	5912	5071	6550	6472	6394	6315	6001	5770	4931
		36		5988	5915	5840	5552	5339	4570		5838	5767	5694	5407	5195	4428
		37		5800	5729	5657	5376	5169	4422		5650	5581	5510	5231	5025	4279
		40			5229	5162	4903	4712	4022			5080	5015	4757	4567	3878
		42			4936	4873	4626	4444	3788			4786	4724	4479	4298	3643
		43			4800	4738	4498	4320	3679			4650	4590	4350	4174	3534
		46				4370	4146	3980	3382				4221	3998	3833	3236
		48				4151	3936	3777	3205				4002	3788	3630	3058
		50				3950	3744	3591	3042				3800	3595	3443	2895
		52					3566	3420	2892					3417	3271	2745
		54					3402	3261	2753					3253	3112	2605
		56					3250	3114	2625					3100	2965	2476
		58						2978	2505						2828	2356
		60						2850	2393						2700	2244
		62							2289							2140
		64							2192							2042
		66							2100							1950
Solo tiro semplice: Two reeving only: Mouflage è deux brins seulement: Nur zwei stränge:			+ 100 Kg.							150 Kg.						

Con sistema "ULTRALIFT" tutte le portate intermedie sono aumentate dei 10%
All intermediate loads are increased of 10% if the crane is equipped with "ULTRALIFT" control
Les charges intermdiaires sont augmentes de 10% si la grue est équipée avec controle "ULTRALIFT"

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CARATTERISTICHE AZIONAMENTI PRINCIPALI

General Technical Charateristics - Carateristiques des mechanismes de distribution - Allgemeine Technische Daten

	Velocità - Speed Vitesse - Geschwindigkeit	Potenza - Power Puissance - Leistung
Rotazione - Slewing Orientation - Schwenken	0,26 / 0,48 / 0,7 mm^{-1}	2 x 4 Kw
Carrello - Trolley Chariot - Katzfahren	18,8 / 35,2 / 54 m/min Progressivo - Progressive	6,6 Kw
Traslazione - Rail Translation - Kranfahren	20 m/min	2 x 4 Kw

Tipo - Type - Tipe - Type	Potenza-power puissance - Leistung		Fune rope cable Seil	Marcia Step Vitesse Gang	Carico load charge last	Velocità speed Geschw vitesse	Carico load charge last	Velocità speed Geschw vitesse
	CV - ch PS - hp	kW	m		kg	m/min	kg	m/min
33 HP - 8 VF	33	24,3	193	1	4000	5,6	8000	2,8
				2	4000	28	8000	14
				3	2000	56	4000	28
				4	1300	67	2600	33,6
50 HP - 8 VF	50	36,8	305	1	4000	6	8000	5
				2	4000	24	8000	14
				3	4000	45	8000	23
				4	2594	68	5188	38
				5	1827	92	3654	49
33 HP - 10 VF	33	24,3	273	1	5000	5,7	10000	2,8
				2	5000	23	10000	11,5
				3	2916	38	5832	19
				4	2309	47	4618	24
50 HP - 10 VF	50	36,8	246	1	5000	4	10000	2
				2	5000	19	10000	9,5
				3	5000	35	10000	18
				4	3204	53	6408	27
				5	2270	72	4540	36

Conforme alla direttiva 2000/14/CE sul livello acustico - In compliance with the 2000/14/CE instruction on noise level - Conforme directive 2000/14/CE sur le niveauacoustique - Gemiss 2000/14/CE ber Schall - Leistungspegel - Conforme con la directive 2000/14/CE sobre el nivei acustico

Forza motrice totale **Total installed power** **Puissance totale des moteurs** **Gesamt-motorenleistung**	24,3 Kw (33HP)	37 Kw (50HP)
	47 Kw	60 Kw

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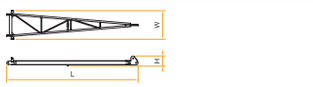
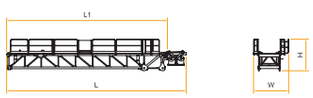
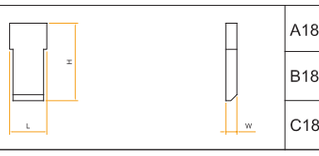
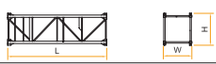
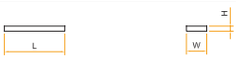
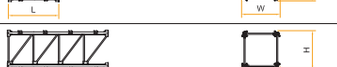
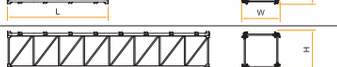
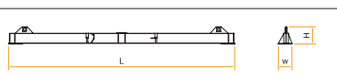
PESI E INGOMBRI

Packing list - Liste de colisage - Kolli-Liste

Pos. Item	Pezzi Pieces	Denominazione Description		Schizzo Sketch	Dimensioni Dimensions L	W	H	Peso Weight (Kg) Unit.	Total.
1	1	**Elemento di freccia** Jib element Elèment de flèche Ausleger	Nº1		11,650	1,500	1,990	1770	1770
	1		Nº2		6,010	1,500	1,675	720	720
	1		Nº3		11,770	1,500	1,675	1420	1420
	2		Nº4A-4B		6,010	1,500	1,675	660	1320
	1		Nº5		11,775	1,500	1,685	1270	1270
	1		Nº6		11,790	1,500	1,685	1023	1023
	1		Nº7		4,110	1,500	1,685	374	374
	1	**Puntale freccia** Jib point Elèment pointe Spitzelement			1,300	1,530	1,725	90	90
2	1	**Cuspide** A frame Pointe Turmspitze			7,820	1,700	0,530	720	720
3	1	**Controfreccia,argano di sollev., quadro elettrico,carrello freccia etc.** Counterjib, hoisting winch, trolley jib, electrical box etc. Contreflèche tournante, treuil de levage, chariot de flèche,armoire electrique etc. Gegenausleger, Hubwinde, Laufkatze Schaltschrank etc.			13,350 (L1) 11,950	2,605 2,605	2,400 2,400	7400 6550	7400 6550
	1	**Controfreccia,argano di sollev., quadro elettrico,carrello freccia,portablocchi.** Counterjib, hoisting winch, trolley jib, electrical box, element for counterweight. Contreflèche,treuil de levage,chariot de flèche,armoire electrique,element terminal. Gegenausleger, Hubwinde, Laufkatze Schaltschrank Gegenwichtelement.			16,480	2,605	2,400	8200	8200
4	1	**Gruppo girevole** Slewing table Table tournante Drehgruppe			1,900	3,200	1,900	4150	4150
5	1	**Ballatoio cabina, cabina** Access balcony, cabin Porte cabine Wartung plattform			2,470	3,530	2,190	861	861
6	2	**Blocchi di contrappeso** Counterweight block Contre-poids Gegengewichtsbloecke		 A183	1,670	0,480	2,810	4505	9010
	4			B183	1,670	0,270	2,810	2535	10140
	4			C183	1,670	0,170	2,810	1600	6400

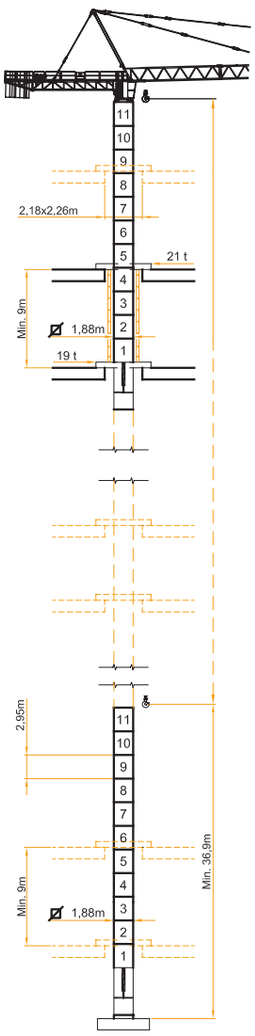
PESI E INGOMBRI

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.
6	-	**Elemento di torre** Tower element Elèment de mature Turmstück		2,950	1,900	1,700	1335	-
7	-			5,900	1,900	1,700	2267	-
8	-			11,800	1,900	1,700	4135	-
9	1	**Tronchetto di fondazione** Expendable foundation element Elèment a sceller Fundamentanker		1,465	1,980	1,980	830	-
10	1	**Trave principale della crociera di base** Base main beam Poutre de chassis de base Hauptträger für Kreuzgelenk		6,524	0,780	0,960	2595	-
11	2	**Semitrave della crociera di base** Half base beam Semipoutre de chassis de base Halbträger für Kreuzgelenk		3,212	0,680	0,974	1235	2470
12	4	**Blocco di appoggio** Concrete pad Sabot en béton (B5) Betonfuss		3,600	0,900	0,750	5520	22080
13	2	**Bilancino di traslazione folle** Driven bogie Boggie fou Fahrschemel ohne motorantrieb		1,315	0,222	0,540	600	1200
14	2	**Bilancino di traslazione motorizzato** Driving bogie Boggie motoriseè Fahrschemel mit motorantrieb		1,427	0,492	0,540	765	1530
15	28	**Blocco di zavorra** Base ballast block Lest de base (GB3) Grundballastblöcken		3,600	1,200	0,300	2900	81200
HC5 - 2,1m								
16	-	**Elemento di torre monolitico** Tower element Elèment de mature Turmstück		2,950	2,270	2,270	1530	-
17	-			5,900	2,270	2,270	2700	-
18	-			11,800	2,270	2,270	5100	-
19	1	**Elemento di base** Base element Mat de base Turmbasiselement		3,000	2,475	2,475	1925	-
20	1	**Gabbia di motaggio** Climbing cage Cage de montage Hydraulikbühne		8,530	3,100	2,300	7670	-
21	1	**Tronchetto di fondazione** Expendable foundation element Elèment a sceller Fundamentanker		1,345	2,400	2,400	820	-
22	4	**Puntoni di base** Obliqual legs Jambes de force Basisdruckstäben		3,640	0,220	0,300	288	1152
23	1	**Trave principale della crociera di base** Base main beam Poutre de chassis de base Hauptträger für Kreuzgelenk		8,890	0,620	0,720	1575	-
24	2	**Semitrave della crociera di base** Half base beam Semipoutre de chassis de base Halbträger für Kreuzgelenk		4,340	0,600	0,720	700	1400
25	4	**Bilancino di traslazione motorizzato** Driven bogie Boggie motoriseè Fahrschemel mit Motorantrieb		1,427	0,492	0,540	765	1530

MR 210 RI

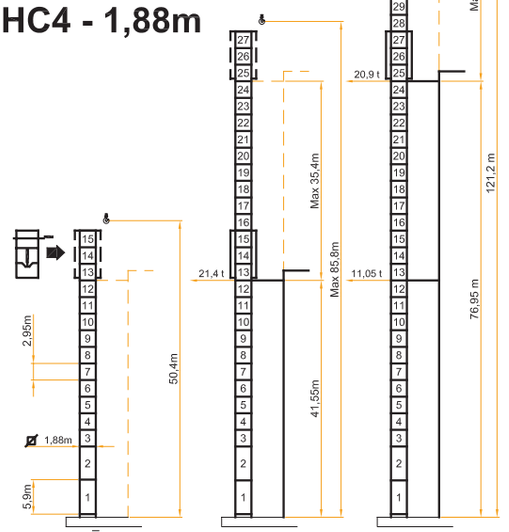
rampante
floor climbing
telescopable sur dalles
kletterkrane im gebaude



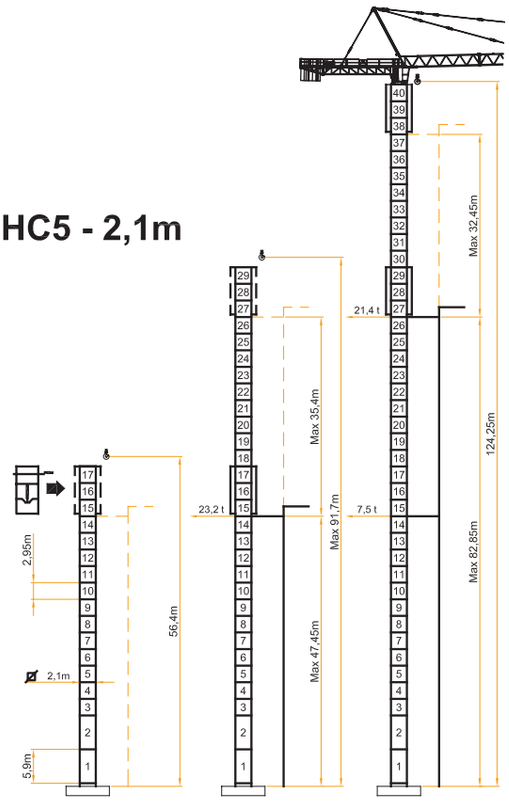
MR 210 HC

a sopralzo idraulico
external climbing
telescopable
kletterkrane

HC4 - 1,88m



HC5 - 2,1m



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