



GRU DA CITTÀ - CITY CRANE  
CITY CRANE - CITY KRAN

# MR210



# RAIMONDI

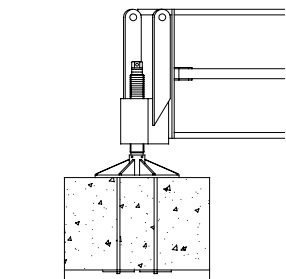
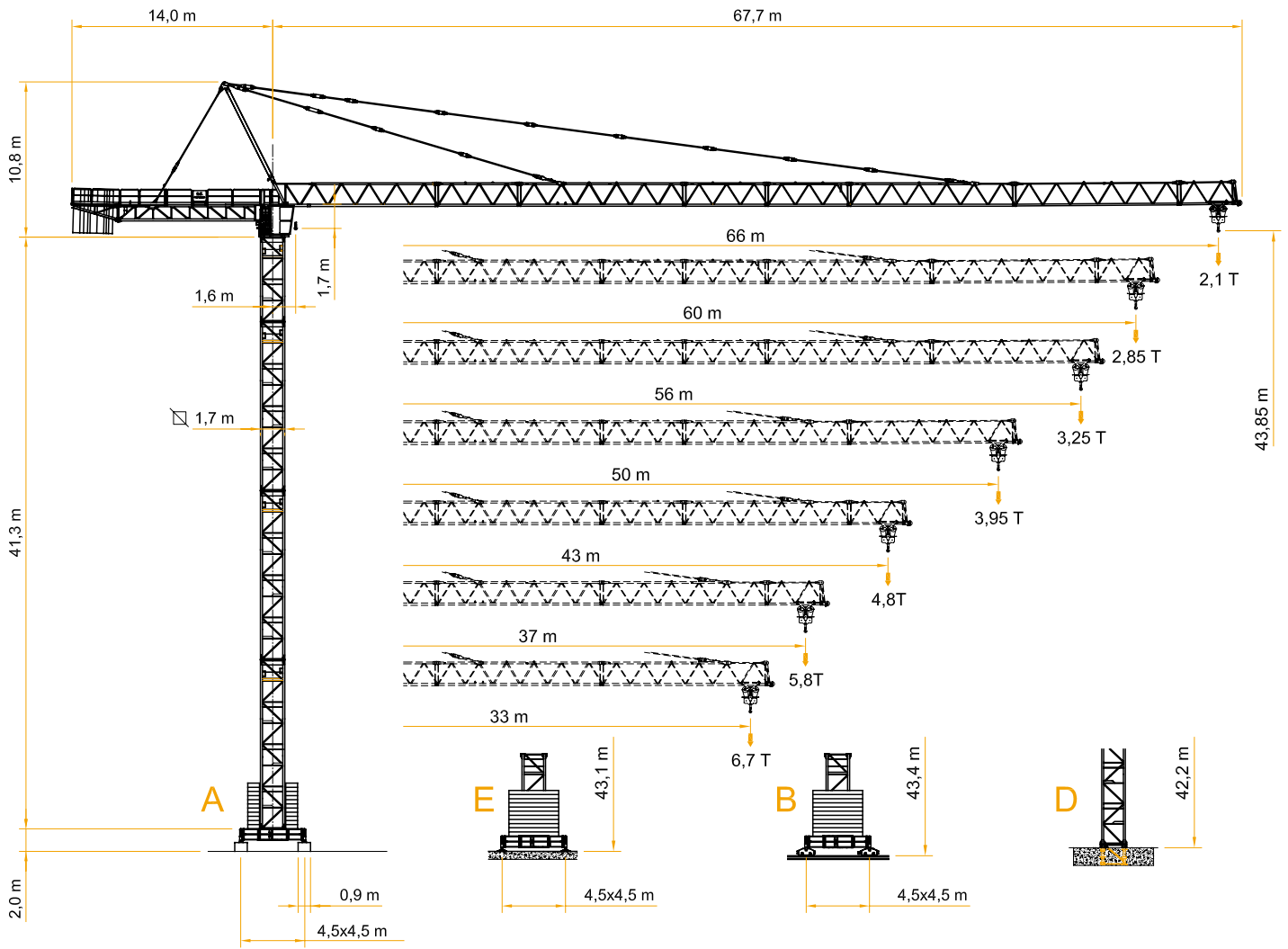


*Scheda Tecnica*  
*Technical Data Sheet*  
*Fiche technique*  
*Technische Spezifikationen*

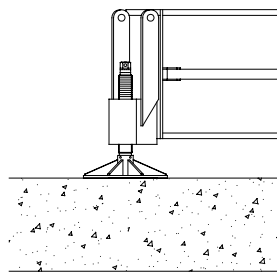




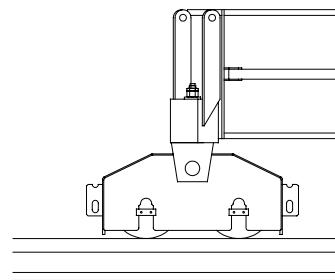
A4 FEM1,001



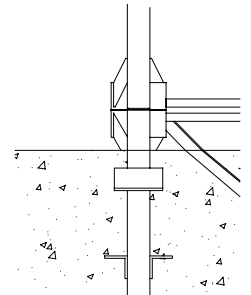
A



E



B



D

## ALTEZZA SOTTOGANCIO

Height under hook / Hauteur sous crochet / Hakenhöhe

**Ø 1,7 - L=4,5 mt.**

H (m)	Z (t)	F1 (kN)	H (m)	Z (t)	F1 (kN)	H (m)	Z (t)	F1 (kN)
7	-	-	7	-	-	7	-	-
6	-	-	6	-	-	6	-	-
5	43,9	98,78	5	43,1	100,3	5	43,4	100,3
4	38,0	86,98	4	37,2	88,5	4	37,5	88,5
3	32,1	75,18	3	31,3	82,6	3	31,6	82,6
2	26,2	69,28	2	25,4	76,7	2	25,7	76,7
(5,9 m)			(5,9 m)			(5,9 m)		
+1	20,3	69,28	+1	19,5	76,7	+1	19,8	305

**Ø 1,7 mt.**

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

**Ø 1,7 - L=6,0 mt.**

H (m)	Z (t)	F1 (kN)	H (m)	Z (t)	F1 (kN)	H (m)	Z (t)	F1 (kN)
8	-	-	8	-	-	8	-	-
7	-	-	7	-	-	7	-	-
6	-	-	6	-	-	6	-	-
5	43,9	63,38	5	43,1	53,1	5	43,4	53,1
4	38,0	45,68	4	37,2	41,3	4	37,5	41,3
3	32,1	39,78	3	31,3	41,3	3	31,6	41,3
2	26,2	39,78	2	25,4	41,3	2	25,7	41,3
(5,9 m)			(5,9 m)			(5,9 m)		
+1	20,3	39,78	+1	19,5	41,3	+1	19,8	471

**Ø 2,1 - L=6,0 mt.**






H (m)	Z (t)	F1 (kN)	H (m)	Z (t)	F1 (kN)
7	60,0	96,46	7	60,7	96,46
6	54,1	64,16	6	54,8	64,16
5	48,2	57,70	5	48,9	57,70
4	42,3	51,24	4	43,0	51,24
3	36,4	44,78	3	37,1	44,78
2	30,5	38,32	2	31,2	38,32
(5,9 m)			(5,9 m)		
+1	24,6	38,32	+1	25,3	38,32

**Ø 2,1 mt.**

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

## PORTATA

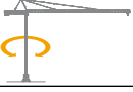


Load - Charge - Tragfähigkeit

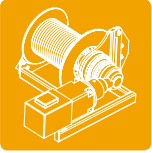




Portata max / Max s.w.l. Charge maxi / Max. Tragfähigkeit		 <b>8000 Kg. / 4000 Kg.</b> 								 <b>10000 Kg. / 5000 Kg.</b> 							
Sbraccio / Jib Ausladung /Portée	m.	33	37	43	50	56	60	66	33	37	43	50	56	60	66		
Campo di portata max da Max s.w.l. range from Charge maxi de Max. Tragfähigkeit von	2,8 m a to à bis	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.) Portée (m.) Ausladung (m.)		<b>16</b>	8000	8000	8000	8000	8000	8000	8000	10000	10000	10000	10000	10000	10000	10000	
		<b>18</b>	8000	8000	8000	8000	8000	8000	8000	8000	10000	10000	10000	10000	10000	10000	10000
		<b>20</b>	8000	8000	8000	8000	8000	8000	8000	8000	10000	10000	10000	10000	10000	10000	8932
		<b>22</b>	8000	8000	8000	8000	8000	8000	8000	8000	10000	10000	10000	10000	9624	9271	7996
		<b>24</b>	8000	8000	8000	8000	8000	8000	7354	7354	9471	9363	9254	9145	8709	8387	7221
		<b>26</b>	8000	8000	8000	8000	8000	7780	6705	6705	8641	8541	8442	8341	7939	7643	6570
		<b>28</b>	8000	7988	7894	7797	7424	7148	6152	6152	7933	7841	7749	7655	7283	7009	6016
		<b>30</b>	7472	7385	7297	7207	6859	6602	5675	5675	7323	7237	7151	7064	6718	6462	5537
		<b>32</b>	6941	6859	6777	6693	6367	6127	5260	5260	6791	6711	6630	6549	6225	5986	5120
		<b>33</b>	6700	6621	6541	6460	6145	5912	5071	5071	6550	6472	6394	6315	6001	5770	4931
	<b>36</b>		5988	5915	5840	5552	5339	4570	4570		5838	5767	5694	5407	5195	4428	
	<b>37</b>		5800	5729	5657	5376	5169	4422	4422		5650	5581	5510	5231	5025	4279	
	<b>40</b>			5229	5162	4903	4712	4022	4022			5080	5015	4757	4567	3878	
	<b>42</b>			4936	4873	4626	4444	3788	3788			4786	4724	4479	4298	3643	
	<b>43</b>			4800	4738	4498	4320	3679	3679			4650	4590	4350	4174	3534	
	<b>46</b>				4370	4146	3980	3382	3382				4221	3998	3833	3236	
	<b>48</b>				4151	3936	3777	3205	3205				4002	3788	3630	3058	
	<b>50</b>				3950	3744	3591	3042	3042				3800	3595	3443	2895	
	<b>52</b>					3566	3420	2892	2892					3417	3271	2745	
	<b>54</b>					3402	3261	2753	2753					3253	3112	2605	
<b>56</b>					3250	3114	2625	2625					3100	2965	2476		
<b>58</b>						2978	2505	2505						2828	2356		
<b>60</b>						2850	2393	2393						2700	2244		
<b>62</b>							2289	2289							2140		
<b>64</b>							2192	2192							2042		
<b>66</b>							2100	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 del 10%  
All intermediate loads are increased of 10% if the crane is equipped with "ULTRALIFT" control  
Les charges intermédiaires sont augmentées de 10% si la grue est équipée avec contrôle "ULTRALIFT"

## CARATTERISTICHE AZIONAMENTI PRINCIPALI

General Technical Characteristics - Caracteristiques des mecanismes de distribution - Allgemeine Technische Daten

		Velocità - Speed Vitesse - Geschwindigkeit	Potenza - Power Puissance - Leistung
Rotazione - Slewing Orientation - Schwenken		0,26 / 0,48 / 0,7 min <sup>-1</sup>	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

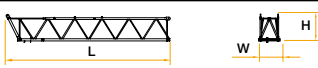

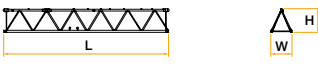





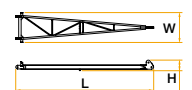
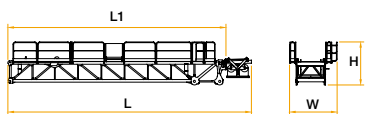

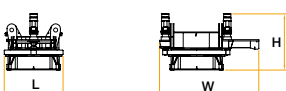

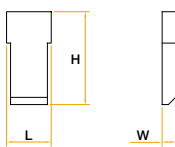
Tipo - Type - Tipe - Type 	Potenza-power puissance - Leistung		Fune rope cable Seil  m	Marcia Step Vitesse Gang	 Carico load charge last  kg		 Velocità speed Geschw vitesse  kg		 Carico load charge last  kg		 Velocità speed Geschw vitesse  m/min	
	CV - ch PS - hp	kW			kg	m/min	kg	m/min	kg	m/min		
33 HP - 10 VF	33	24,3	273	1	5000	5,7	10000	2,9	10000	2,9	2,9	
				2	5000	23	10000	11,5	10000	11,5		
				3	2500	46	5000	23	5000	23		
				4	1800	54	3600	27	3600	27		
50 HP - 10 VF	50	36,8	246	1	5000	3	10000	1,5	10000	1,5	1,5	
				2	5000	16	10000	8	10000	8		
				3	5000	32	10000	16	10000	16		
				4	3000	50	6500	25	6500	25		
				5	2100	68	4600	34	4600	34		
66 HP - 10 HVF	65,3	48	747	1	5000	5	10000	2,5	10000	2,5	2,5	
				2	5000	21	10000	10,5	10000	10,5		
				3	5000	38	10000	19	10000	19		
				4	3000	57	6600	29	6600	29		
				5	2100	75	4600	38	4600	38		
66 HP - 12 VF	65,3	48	246	1	6000	5	12000	2	12000	2	2	
				2	6000	21	12000	8	12000	8		
				3	6000	38	12000	15	12000	15		
				4	3730	46	7450	23	7450	23		
				5	2170	65	4370	33	4370	33		

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 niveau acoustique - Gemiss 2000/14/CE ber Schall - Leistungspegel - Conforme con la directive 2000/14/CE 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 (65,3HP)
	49 Kw	61 Kw	72 Kw

## PESI E INGOMBRI

Packing list - Liste de colisage - Kolli-Liste

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 de flèche Ausleger	n° 1 	11,650	1,500	1,990	1770	-	
	1		n° 2 	6,010	1,500	1,675	720	-	
	1		n° 3 	11,770	1,500	1,675	1420	-	
	2		n° 4A-4B 	6,010	1,500	1,675	660	-	
	1		n° 5 	11,775	1,500	1,685	1270	-	
	1		n° 6 	11,790	1,500	1,685	1023	-	
	1		n° 7 	4,110	1,500	1,685	374	-	
	1		<b>Puntale freccia</b> Jib point Elément pointe Spitzelement		1,300	1,530	1,725	90	-
2	1	<b>Cuspide</b> A frame Pointe Tutmspitze		7,820	1,700	0,530	720	-	
3	1	<b>Controfreccia, argano 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	- -	
	1	<b>Controfreccia, argano di sollev., quadro elettrico, carrello freccia, portablocchi</b> Counterjib, hoisting winch, trolley jib, electrical box etc. Contreflèche, treuil de levage, chariot de flèche, armoire électrique, élément terminal Gegenausleger, Hubwinde, Laufkatze Schaltschrank Gegenwichtelement		16,480	2,605	2,400	8200	-	
4	1	<b>Gruppo girevole</b> Slewing table Table tournante Drehgruppe		1,900	3,200	1,900	4150	-	
5	1	<b>Ballatoio cabina, cabina</b> Access balcony, cabin Porte cabine Wartung platform		2,470	3,530	2,190	861	-	
6	2	<b>Blocchi di contrappeso</b> Counterweight block Contre-poids Gegengewichtsbloecke		A183	1,670	0,480	2,810	4505	9010
	C183			1,670	0,270	2,810	2535	10140	
	D183			1,670	0,170	2,810	1600	6400	



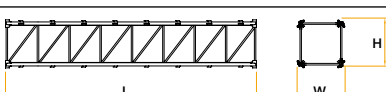

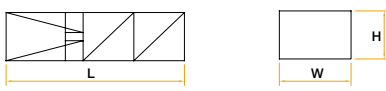

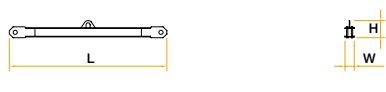
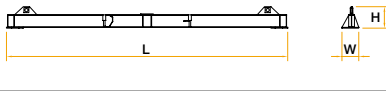


## PESI E INGOMBRI

Packing list - Liste de colisage - Kolli-Liste

Pos. Item	Pezzi Pieces	Denominazione Description	Schizzo Sketch	Dimensioni Dimensions			Peso Weight	
				L	W	H	Unit	Total
7	-	<b>Elemento di torre</b> Tower element Elément de mature Turmstück		2,950	1,900	1,700	1335	-
8	-			5,900	1,900	1,700	2267	-
9	-			11,800	1,900	1,700	4135	-
10	1	<b>Tronchetto di fondazione</b> Expendable foundation element Elément a sceller Fundamentanker		1,465	1,980	1,980	830	-
11	1	<b>Trave principale della crociera di base</b> Base main beam Poutre de chassis de base Hauptträger für Kreuzgelenk		6,524	0,780	0,960	2595	-
12	2	<b>Semitrave della crociera di base</b> Half base beam Semipoutre de chassis de base Halbträger für Kreuzgelenk		3,212	0,680	0,974	1235	2470
13	4	<b>Blocco di appoggio</b> Concrete pad Sabot en béton Betonfuss		3,600	0,900	0,750	5520	22080
14	2	<b>Bilancino di traslazione folle</b> Driving bogie Boggie fou Fahrschemel ohne motorantrieb		1,315	0,222	0,540	600	1200
15	2	<b>Bilancino di traslazione motorizzato</b> Driven bogie Boggie motorisée Fahrschemel mit Motorantrieb		1,427	0,492	0,540	765	1530
16	34	<b>Blocco di zavorra</b> Base ballast block Lest de base Grundballastblöcken		3,600	1,200	0,300	2950	100300

## PESI E INGOMBRI

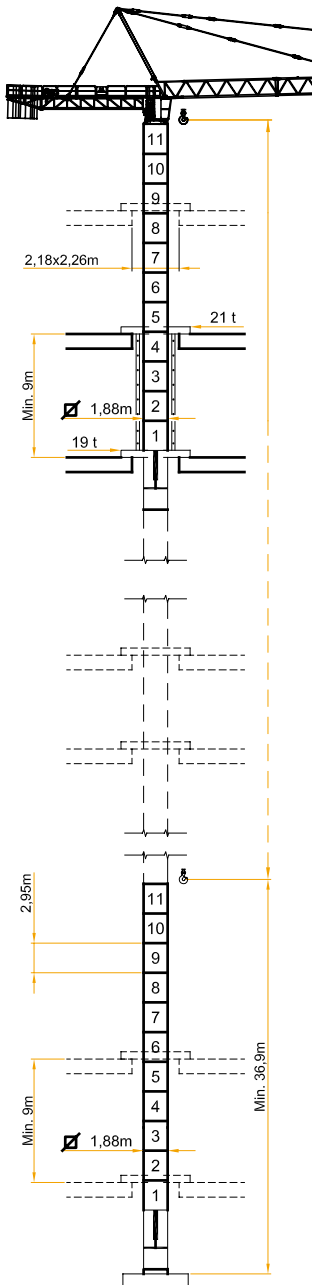
Packing list - Liste de colisage - Kolli-Liste

Pos. Item	Pezzi Pieces	Denominazione Description	Schizzo Sketch	Dimensioni Dimensions			Peso Weight	
				L	W	H	Unit	Total
<b>HC5 - 2,1 mt.</b>								
16	-	<b>Elemento di torre monolitico</b> Tower element Elément 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	<b>Elemento di base</b> Base element Mat de base Turmbasiselement		3,000	2,475	2,475	1925	-
20	1	<b>Gabbia di montaggio</b> Climbing cage Cage de montage Hydraulikbühne		8,530	3,100	2,300	7670	-
21	1	<b>Tronchetto di fondazione</b> Expendable foundation element Elément a sceller Fundamentanker		1,345	2,400	2,400	820	-
22	4	<b>Puntoni di base</b> Oblique legs Jambes de force Basisdruckstäben		3,640	0,220	0,300	288	1152
23	1	<b>Trave principale della crociera di base</b> Base main beam Poutre de chassis de base Hauptträger für Kreuzgelenk		8,890	0,620	0,720	1575	-
24	2	<b>Semitrave della crociera di base</b> Half base beam Semipoutre de chassis de base Halbträger für Kreuzgelenk		4,340	0,600	0,720	700	1400
25	4	<b>Bilancino di traslazione motorizzato</b> Driven bogie Boggie motorisée Fahrschemel mit Motorantrieb		1,427	0,492	0,540	765	3060

## RAMPANTE

### RI - 1,88 / 42

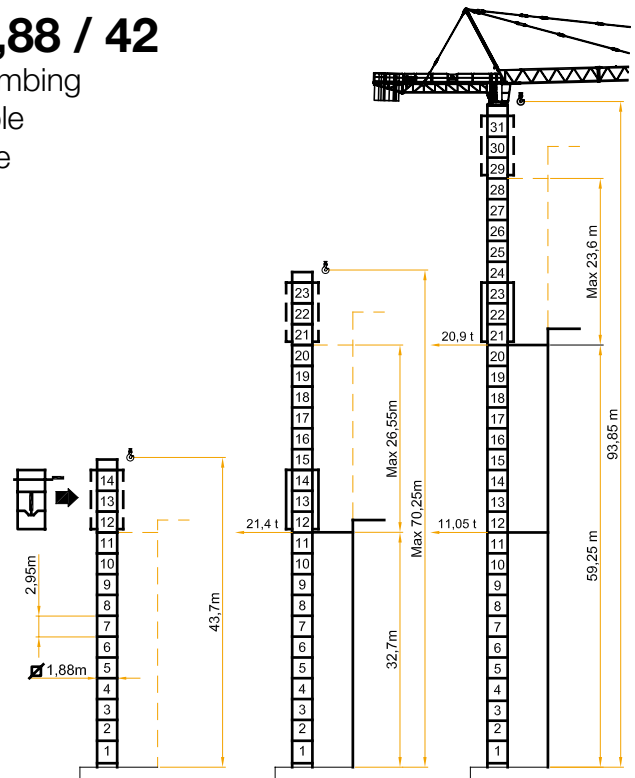
floor climbing  
telescopabile sur dalles  
kletterkrane im gebaude



## SOPRALZO IDRAULICO

### HC - 1,88 / 42

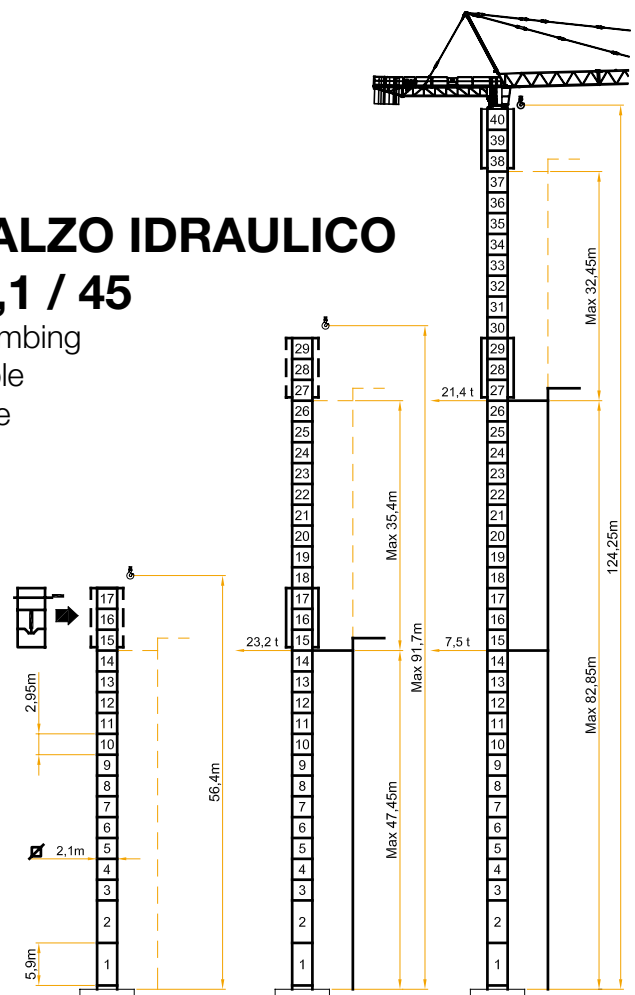
external climbing  
telescopabile  
kletterkrane



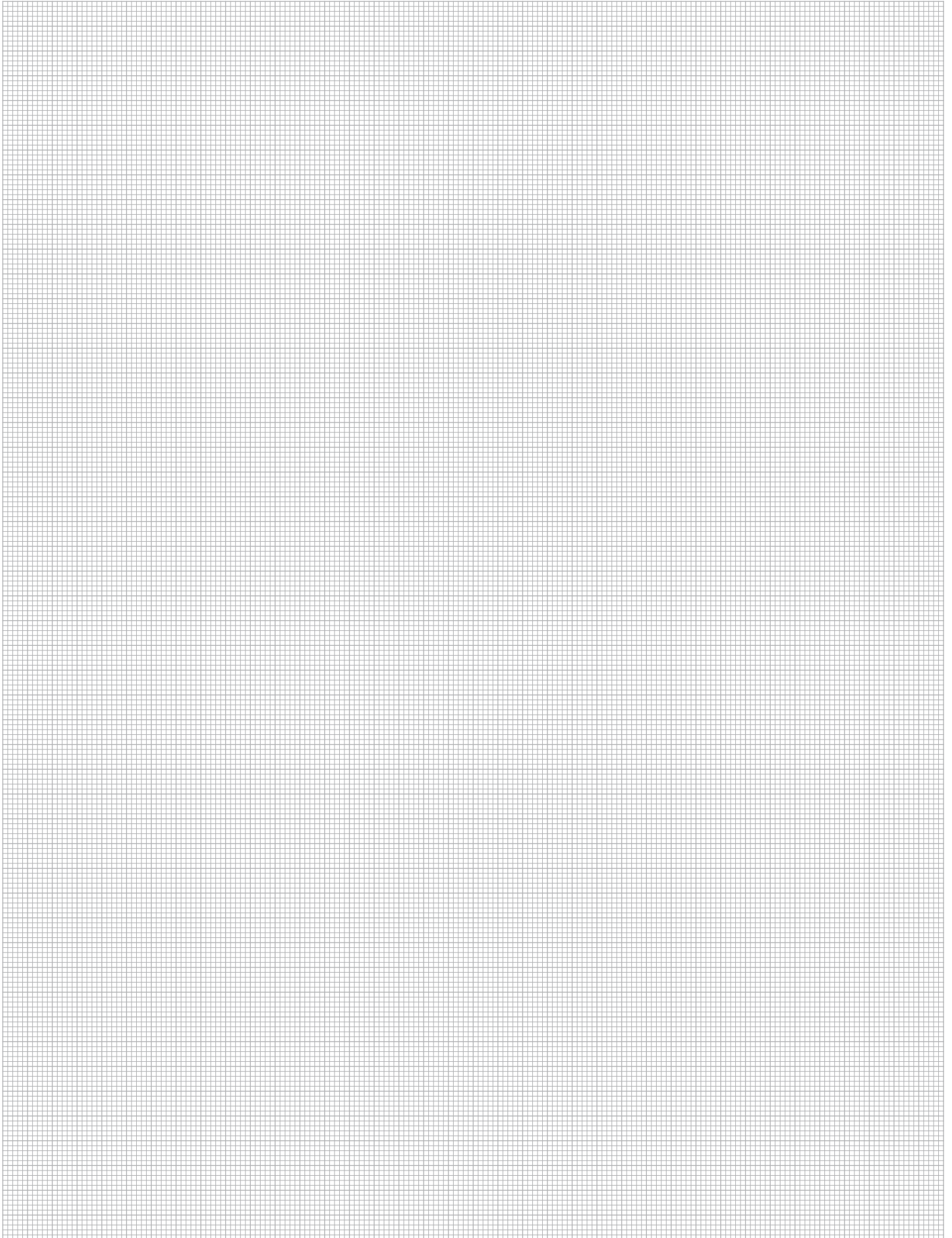
## SOPRALZO IDRAULICO

### HC - 2,1 / 45

external climbing  
telescopabile  
kletterkrane



# Note



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