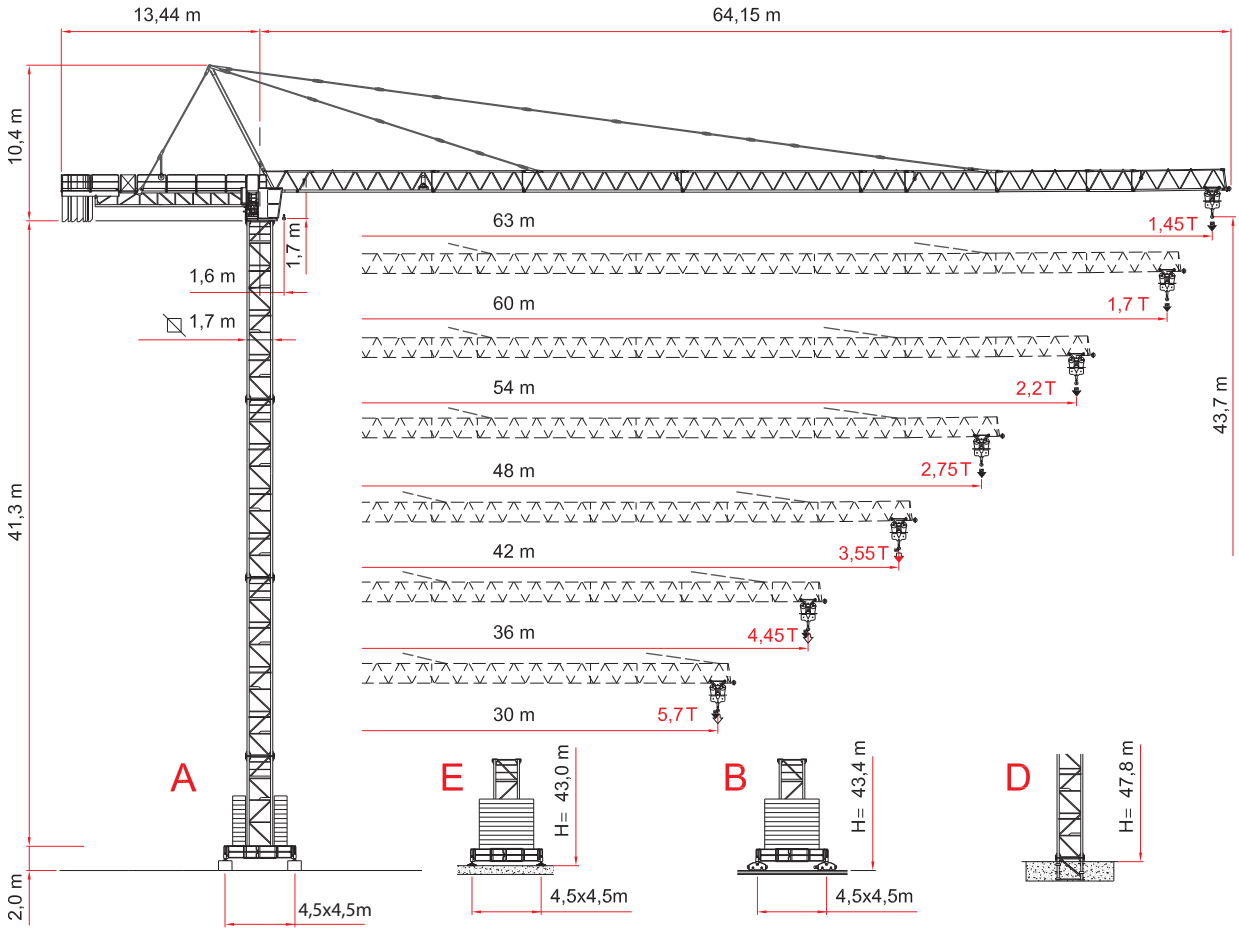
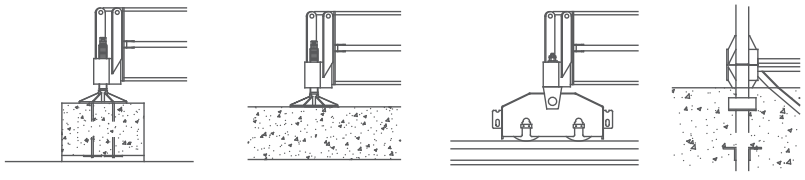
RAIMONDI
MR 153

Portée maximale :	**63**	m
Charge en bout de flèche :	**1.450**	kg
Charge maximale :	**8.000**	kg
Hauteur sous crochet (autoportante) :	**43,7**	m

RAIMONDI · MR 153 **63 mt**

Schéma de levage et configurations





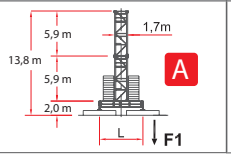
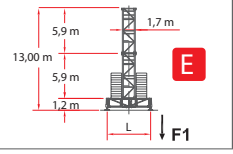
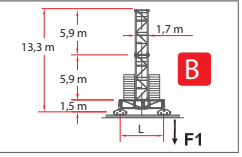
H1 B3 DIN151018 / A4 FEM1,001

H = Height under hook
Altezza sotto gancio
Hauteur sous crochet
Altura bajo el gancho
Высота под крюком

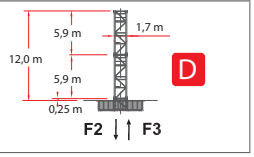
RAIMONDI · MR 153 **63 mt**

Configuration du mât et réactions d'appui

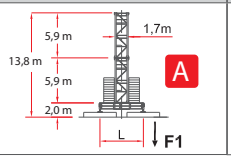
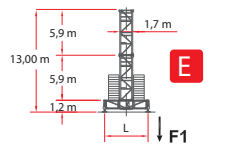
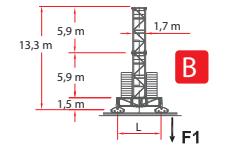
1,7 - L=3,8 mt.

	H (m)	Z (t)	F1 (kN)		H (m)	Z (t)	F1 (kN)		H (m)	Z (t)	F1 (kN)
6	-	-	-	6	-	-	-	6	-	-	-
5	-	-	-	5	-	-	-	5	-	-	-
4	37,7	98,78	701	4	37,0	100,3	715	4	37,2	100,3	716
3	31,8	86,98	636	3	31,1	88,5	647	3	31,3	88,5	648
2	25,9	81,08	591	2	25,2	82,6	616	2	25,4	82,6	617
(5,9 m) +1	20,0	75,18	549	(5,9 m) +1	19,3	76,7	582	(5,9 m) +1	19,5	76,7	582
											
	A				E				B		

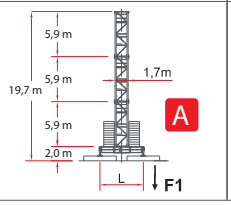
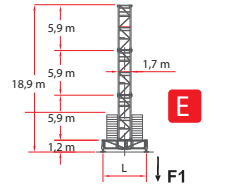
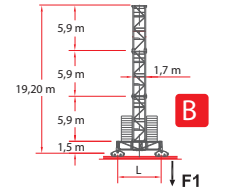
1,7 mt.

	H (m)	F2 (kN)	F3 (kN)
6	47,8	1381	1085
5	41,9	1065	781
4	36,0	910	675
3	30,1	831	609
2	24,2	767	553
(5,9 m) +1	18,3	707	508
			
	D		

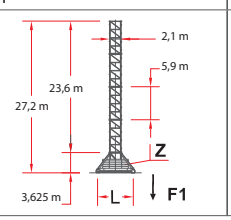
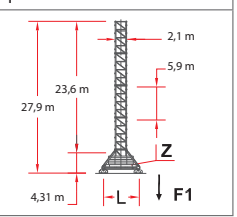
1,7 - L=4,5 mt.

	H (m)	Z (t)	F1 (kN)		H (m)	Z (t)	F1 (kN)		H (m)	Z (t)	F1 (kN)
6	-	-	-	6	-	-	-	6	-	-	-
5	43,7	81,08	703	5	43,0	82,6	687	5	43,4	82,6	695
4	37,8	75,18	593	4	37,1	70,8	581	4	37,5	70,8	586
3	31,9	63,38	543	3	31,2	64,9	535	3	31,6	64,9	540
2	26,0	57,48	491	2	25,3	59,0	493	2	25,7	59,0	497
(5,9 m) +1	20,1	51,18	453	(5,9 m) +1	19,4	53,1	454	(5,9 m) +1	19,8	53,1	459
											
	A				E				B		

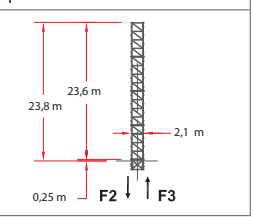
1,7 - L=6,0 mt.

	H (m)	Z (t)	F1 (kN)		H (m)	Z (t)	F1 (kN)		H (m)	Z (t)	F1 (kN)
5	49,6	63,38	693	5	48,9	64,9	675	5	49,1	64,9	694
4	43,7	57,48	527	4	43,0	53,1	510	4	43,2	53,1	515
3	37,8	45,68	457	3	37,1	47,2	458	3	37,3	47,2	487
2	31,9	45,68	430	2	31,2	41,3	418	2	31,4	41,3	452
(5,9 m) +1	26,0	39,78	393	(5,9 m) +1	25,3	41,3	394	(5,9 m) +1	25,5	41,3	402
											
	A				E				B		

2,1 - L=6,0 mt.

	H (m)	Z (t)	F1 (kN)		H (m)	Z (t)	F1 (kN)
5	60,5	90,0	1108	5	61,2	90,0	1135
4	54,6	70,6	893	4	55,3	70,6	917
3	48,7	64,1	702	3	49,4	64,1	724
2	42,8	51,2	557	2	43,5	51,2	567
(5,9 m) +1	36,9	38,3	455	(5,9 m) +1	37,6	38,3	459
							

2,1 mt.

	H (m)	F2 (kN)	F3 (kN)
5	56,9	1939	1608
4	51,0	1759	1433
3	45,1	1390	1078
2	39,2	1069	771
(5,9 m) +1	33,3	793	509
			

RAIMONDI · MR 153 **63 mt**

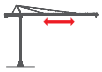
Diagramme de charge

Portata max / Max s.w.l. Charge maxi / Max. Tragfähigkeit		6000 Kg. / 3000 Kg.							8000 Kg. / 4000 Kg.						
Sbraccio / Jib Auslandung /Portée	m.	30	36	42	48	54	60	63	30	36	42	48	54	60	63
Campo di portata max da Max s.w.l. range from Charge maxi de Max. Tragfähigkeit von	1,7 m a to à bis	28,6	27,7	26,7	24,8	23,5	21,6	20,3	22,3	21,7	21	19,6	18,6	17,2	16,3
Sbraccio (m.) Radius (m.) Portée (m.) Ausladung (m.)	12	6000	6000	6000	6000	6000	6000	6000	8000	8000	8000	8000	8000	8000	8000
	14	6000	6000	6000	6000	6000	6000	6000	8000	8000	8000	8000	8000	8000	8000
	16	6000	6000	6000	6000	6000	6000	6000	8000	8000	8000	8000	8000	8000	7890
	18	6000	6000	6000	6000	6000	6000	6000	8000	8000	8000	8000	8000	7638	7155
	20	6000	6000	6000	6000	6000	6000	6000	8000	8000	8000	7833	7393	6763	6331
	22	6000	6000	6000	6000	6000	5876	5470	8000	7878	7595	7023	6625	6054	5663
	24	6000	6000	6000	6000	5861	5314	4943	7367	7134	6875	6353	5989	5468	5110
	26	6000	6000	6000	5703	5345	4841	4500	6723	6509	6270	5789	5455	4975	4646
	28	6000	5946	5704	5236	4905	4438	4122	6174	5975	5755	5309	4999	4555	4250
	30	5700	5494	5269	4834	4525	4091	3796	5700	5515	5310	4895	4607	4193	3909
	32		5102	4891	4483	4194	3788	3512		5115	4922	4534	4264	3877	3611
	33		4924	4719	4324	4044	3651	3384		4933	4747	4371	4109	3734	3476
	34		4756	4558	4175	3903	3522	3263		4762	4581	4217	3963	3600	3350
	36		4450	4263	3902	3646	3286	3042		4450	4280	3936	3696	3354	3118
	38			3999	3658	3416	3075	2844			4010	3685	3459	3134	2911
	40			3763	3439	3209	2886	2667			3768	3460	3245	2937	2726
	42			3550	3242	3023	2716	2507			3550	3256	3052	2759	2558
	44				3063	2854	2561	2362				3072	2877	2598	2406
	46				2899	2700	2420	2230				2904	2718	2451	2267
	48				2750	2559	2291	2109				2750	2572	2316	2141
	50					2430	2172	1998					2438	2193	2024
	52					2310	2063	1895					2314	2079	1917
	54					2200	1962	1801					2200	1973	1818
	56						1868	1713						1876	1726
	58						1781	1631						1785	1640
	60						1700	1555						1700	1560
	63							1450							1450

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"

RAIMONDI · MR 153 **63 mt**

Mécanismes

		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	5,5 Kw
Traslazione - Rail Translation - Kranfahren		20 m/min	2 x 4 Kw

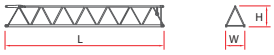
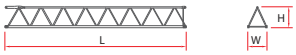
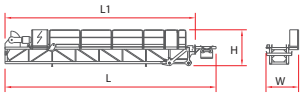
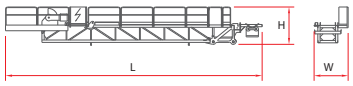
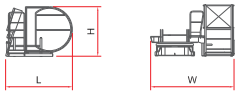
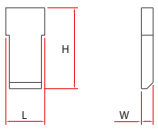
Tipo - Type - Tipe - Type 	Potenza-power puissance - Leistung CV - ch PS - hp	 kW	Fune rope cable Seil m	Marcia Step Vitesse Gang	 Carico load charge last kg	 Velocità speed Geschw vitesse m/min	 Carico load charge last kg	 Velocità speed Geschw vitesse m/min
40 HP - 6 VF	40	30	240 450 LB	1	3000	00	6000	4
				2	3000	00	6000	12
				3	3000	00	6000	19
				4	2000	00	4000	30
				5	1500	00	3000	37,5
				5 (*)	0 - 600	00	0 - 1200	45
40 HP - 8 VF	40	30	240 450 LB	1	4000	7	8000	3,5
				2	4000	21	8000	10,5
				3	4000	35	8000	17,5
				4	2200	56	4400	28
				5	1500	70	3000	35
				5 (*)	0 - 600	85	0 - 1200	42,5
60 HP - 8 VF	60	45	780 LB	1	4000	7	8000	3,5
				2	4000	21	8000	10,5
				3	4000	35	8000	17,5
				4	3000	55	6000	27,5
				5	2000	75	4000	37,5
				5 (*)	0 - 750	90	0 - 1500	45

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	30 Kw (40 HP)	45 Kw (60 HP)
(*) speed automatically controlled by a current sensor / velocità regolata automaticamente da sensore di corrente / vitesse réglée automatiquement par capteur de courant / acelerar controlado automáticamente por un sensor de corriente / скорость автоматически регулируется датчиком тока	35 Kw	47 Kw

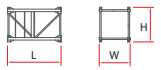
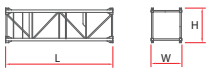
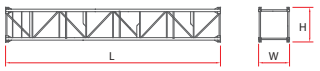
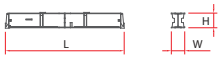
RAIMONDI · MR 153 **63 mt**

Liste de colisage (1/3)

Pos. Item	Pezzi Pieces	Denominazione Description		Schizzo Sketch					
1	1	Elemento di freccia Jib element Elèment de flèche Ausleger	n° 1		11,425	1,300	1,650	1352	-
	1		n° 2		6,170	1,300	1,477	646	-
	1		n° 3		10,670	1,300	1,477	973	-
	1		n° 4		11,970	1,300	1,477	1070	-
	1		n° 5		3,170	1,300	1,477	335	-
	1		n° 6		6,160	1,300	1,477	626	-
	2		n° 7-8		6,160	1,300	1,477	448	-
	1		n° 9		3,170	1,300	1,477	285	-
	1	Puntale freccia Jib point Elèment pointe Spitzelement			1,315	1,290	1,525	110	-
2	1	Cuspide A frame Pointe Tutmspitze			7,830	0,400	1,145	735	-
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.			13,250 (L1) 11,950	1,960 1,960	2,300 2,300	6000 5640	- -
	1	Controfreccia,argano di sollev., quadro elettrico, carrello freccia, portablocchi Counterjib, hoisting winch, trolley jib, electrical box etc. Contreflèche,treuil de levage,chariot de flèche,armoire electrique,element terminal Gegenausleger, Hubwinde, Laufkatze Schaltschrank Gegenwichtelement			15,680	1,960	2,300	6963	-
4	1	Girevole, quadro elettrico, porta-cabina, cabina, etc. Turntable, electrical box, service and access balcony, cabin etc. Plateforme tournante, cabine, armoire elect. Drehwerk, Schaltschrank, Kabinepodest, Kabine			2,470	3,830	2,190	4620	-
5	3	Blocchi di contrappeso Counterweight block Contre-poids Gegengewichtsbloecke	A123		1,475	0,400	3,070	3615	10845
	2		C123		1,475	0,160	3,070	1450	2900
	2		C123		1,475	0,290	3,070	2625	5250
	1		D123		1,475	0,190	3,070	1720	-

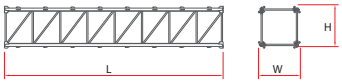
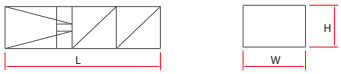
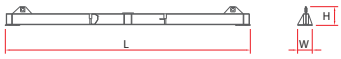
RAIMONDI · MR 153 **63 mt**

Liste de colisage (2/3)

Pos. Item	Pezzi Pieces	Denominazione Description	Schizzo Sketch	Dimensioni Dimensions			Peso Weight	
				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 Betonfuss		3,600	0,900	0,750	5520	22080
13	2	Bilancino di traslazione folle Driving bogie Boggie fou Fahrschemel ohne motorantrieb		1,315	0,222	0,540	600	1200
14	2	Bilancino di traslazione motorizzato Driven bogie Boggie motoriseè Fahrschemel mit Motorantrieb		1,427	0,492	0,540	765	1530
15	34	Blocco di zavorra Base ballast block Lest de base Grundballastblöcken		3,600	1,200	0,300	2950	100300

RAIMONDI · MR 153 **63 mt**

Liste de colisage (3/3)

Pos. Item	Pezzi Pieces	Denominazione Description	Schizzo Sketch	Dimensioni Dimensions			Peso Weight	
				L	W	H	Unit	Total
HC5 - 2,1 mt.								
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 montaggio 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	3060
26	1	Telaio di raccordo a spinta Climbing cage connection frame Elèment de telescopage Turmstück		2,296	2,296	1,500	1190	-

RAIMONDI · MR 153 **63 mt**

Télescopage hydraulique - intérieur et extérieur

ПЛИТАХПЕРЕКРЫТИЯ

