

# CARLO RAIMONDI



Tower Crane

## City Crane MR60

Luffing Jib Crane

### MR60

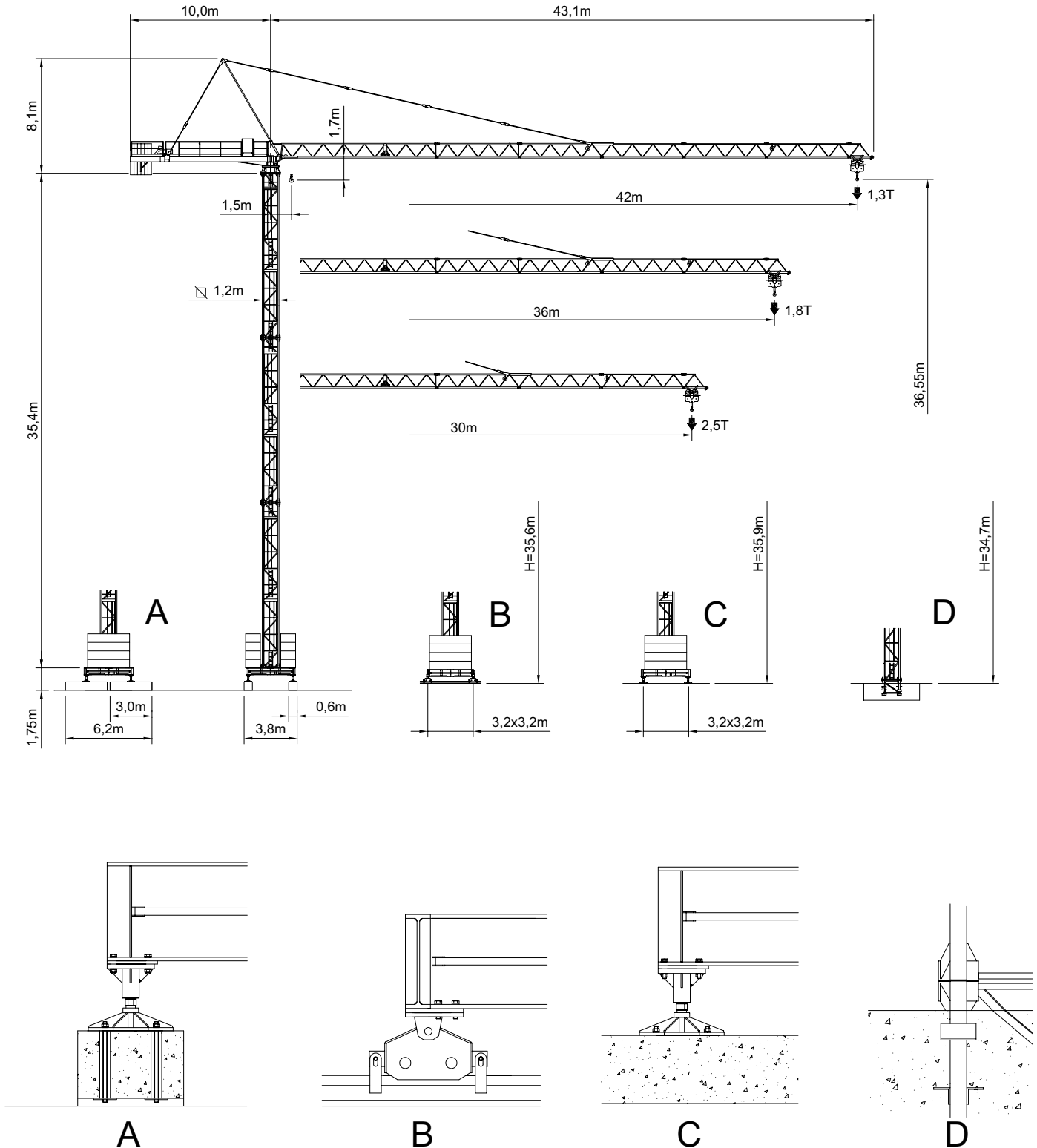
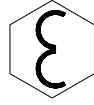
Gru innovativa progettata per essere montata in un solo giorno. È disponibile con elementi di torre da 6 o 12 metri. Sulla controfreccia tutti i meccanismi sono installati e cablati; il giro della fune di sollevamento è già eseguito. Il suo braccio si contraddistingue per facilità d'assemblaggio.

### MR60

*Innovative crane designed to be assembled in just one day. It is available with 6 or 12 m. tower components. All mechanisms are installed and wired on the counter-jib; the lifting rope coil is already executed. Its jib can easily be assembled.*






# City Crane MR 60E

GRU A TORRE A MONTAGGIO RAPIDO  
«CITY TOWER CRANE»



H1 B3 DIN151018 / A4 FEM1,001

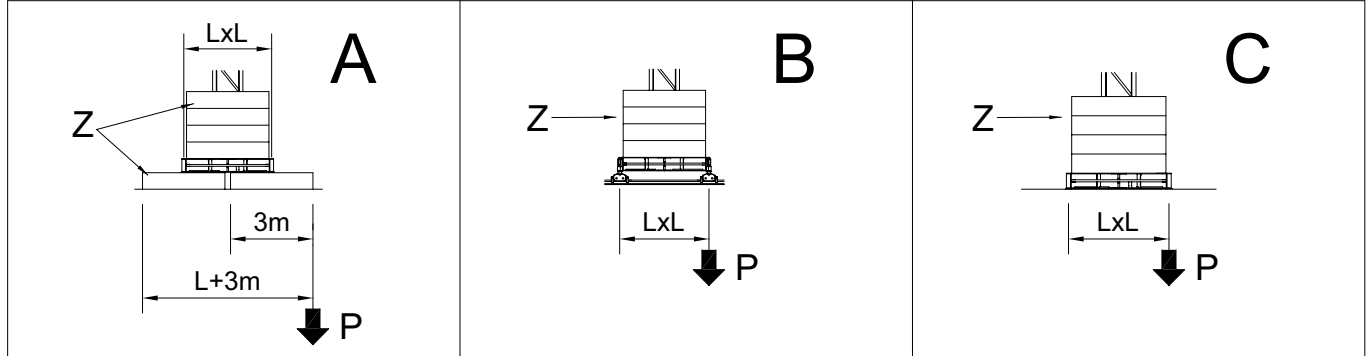
RAGGI E PORTATE  
RADIUS AND S.W.L.  
PORTEE ET CHARGE UTILE  
AUSLADUNG UND TRAGFAHIGKEIT

Portata max / Max s.w.l. Charge maxi / Max. Tragfähigkeit		2500 kg. 			3000 kg. 			5000Kg   / 2500 kg. 		
Braccio / Jib Ausleger / Flèche	m.	30	36	42	30	36	42	30	36	42
Campo di portata max da Max s.w.l. range from Charge maxi de Max. Tragfähigkeit von	1,5 m a to à bis	30	26,9	23,9	25,5	23,2	20,7	15,9	14,5	13,1
Raggi (m.) Radii (m.) Portée (m.) Ausladung (m.)	12	2500	2500	2500	3000	3000	3000	5000	5000	5000
	14	2500	2500	2500	3000	3000	3000	5000	5000	4620
	16	2500	2500	2500	3000	3000	3000	4980	4480	3960
	18	2500	2500	2500	3000	3000	3000	4360	3910	3460
	20	2500	2500	2500	3000	3000	3000	3860	3460	3050
	22	2500	2500	2500	3000	3000	2790	3460	3100	2730
	24	2500	2500	2460	3000	2880	2460	3130	2800	2460
	26	2500	2500	2310	2940	2630	2310	2850	2540	2230
	28	2500	2400	2110	2690	2400	2110	2610	2320	2030
	30	2500	2230	1950	2500	2230	1950	2400	2140	1870
	32		2060	1815		2060	1815		1970	1720
	34		1920	1680		1920	1680		1830	1590
	36		1800	1570		1800	1570		1700	1480
	38			1470			1470			1370
40			1380			1380			1280	
42			1300			1300			1200	

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

Braccio / Jib Flèche / Ausleger	(m)	30	36	42
Contrappeso / Counterweight Contrepoïd / Gegengewicht	(t)	5,800	7,250	8,700
Composizione Composition Komposition	Tipo / Type	Quantità / Quantity / Nombre / Anzahl		
	AH	4	5	6

ALTEZZA SOTTO-GANCIO, 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



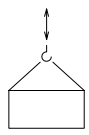


SU BASE / ON CROSSBASE SUR CHASSIS / AUF KREUZRAHME								
L = 3,8 m (□ 1,2m)								
H (m)	max. Z (t)	P (kN)	H (m)	max. Z (t)	P (kN)	H (m)	max. Z (t)	P (kN)
40,2	49,5	523	39,8	49,5	522	39,4	49,5	505
36,2	49,5	414	35,8	49,5	413	35,4	49,5	397
30,3	49,5	336	29,9	49,5	339	29,5	49,5	334
24,4	39,6	290	24,0	39,6	293	23,6	39,6	289
18,5	39,6	273	18,1	39,6	275	17,7	39,6	271

SU BASE / ON CROSSBASE SUR CHASSIS / AUF KREUZRAHME								
L = 3,2 m (□ 1,2m)								
H (m)	max. Z (t)	P (kN)	H (m)	max. Z (t)	P (kN)	H (m)	max. Z (t)	P (kN)
36,0	49,5	493	35,6	49,5	489	35,2	49,5	483
30,1	49,5	363	29,7	49,5	365	29,3	49,5	362
24,2	49,5	338	23,8	44,5	329	23,4	44,5	325
18,3	49,5	318	17,9	44,5	309	17,5	44,5	305
12,4	39,6	277	12,0	39,6	280	11,6	39,6	277

SU PLINTO / STATIONARY  
 SUR PIEDS DE SCELLEMENT / STATIONAR

	H (m)	11,1	17,0	22,9	28,8	34,7		H (m)	38,7
	T (kN)	313	348	394	452	612		T (kN)	798
	P (kN)	411	453	505	570	740		P (kN)	930
	q max. (Kg/cm <sup>2</sup> )	0,87	0,94	1,04	1,16	1,69		q max. (Kg/cm <sup>2</sup> )	2,53

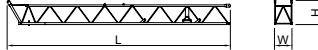
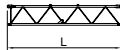
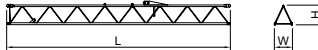
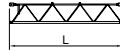


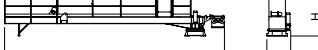









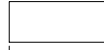
		Velocità / Speed / Vitesse / Geschwindigkeit	Potenza / Power / Puissance / Leistung
Rotazione Slewing Orientation Schwenken		0,37 / 0,7 / 1,0 min <sup>-1</sup>	4,0 Kw
Carrello Trolley Chariot Katzfahren		28,5 / 57 m/min	1,1/2,2Kw
Traslazione Rail Translation Kranfahren		14 m/min	2 x 2,9 Kw

Argano Winch Treuril Hubwerk		Marcia Step Vitesse Gang	Carico / velocità - Load / speed Charge / vitesse - Tragfähigkeit / Geschwindigkeit	
				
Tipo Type Type Typ	15 HP 11 Kw - 2,5	1	2500 Kg - 5,2 m/min	-
		2	2500 Kg - 21 m/min	-
		3	1250 Kg - 42 m/min	-
	25 HP 18,4 Kw - 3	1	3000 Kg - 7,5 m/min	-
		2	3000 Kg - 30 m/min	-
		3	1500 Kg - 60 m/min	-
	25 HP 18,4 Kw - 5	1	2500 Kg - 8,8 m/min	5000 Kg - 4,4 m/min
		2	2500 Kg - 35 m/min	5000 Kg - 17,5 m/min
		3	1250 Kg - 70 m/min	2500 Kg - 35 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 direttiva CEE 84/534 sobre el nivel acustico.

FORZA MOTRICE TOTALE TOTAL INSTALLED POWER PUISSANCE TOTALE DES MOTEURS GESAMT-MOTORENLEISTUNG	11 Kw (15HP)	18,4 Kw (25HP)
	23 Kw	31 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	Elemento di freccia Jib element Elément de flèche Ausleger	N°1 	12,005	1,100	1,295		885
	1		N°2 	6,090	1,100	1,100		410
	1		N°3 	12,010	1,100	1,100		880
	2		N°4-5 	6,160	1,100	1,100	370	740
	1		N°6 	1,850	1,100	1,100		120
2	1	Cuspide A frame Pointe Turmspitze		6,750	0,400	0,950		385
3	1	Controfreccia girevole, argano sollev., quadro elettrico, carrello freccia. Counterjib-turntable, hoisting winch, trolley jib, electrical box. Contreflèche tournante, treuil de levage, chariot de flèche, armoire électrique. Gegenausleger, Hubwinde, Drehwerk Laufkatze, Schaltschrank.		11,970	1,540	2,340		5000
4	6	Blocchi di contrappeso Counterweight block Contre-poids Gegengewichtsblocke (AH)		1,250	0,250	2,220	1450	8700
5	1	Elemento di torre Tower element Elément de mature Turmstück		5,900	1,200	1,380	1515	1515
				11,800	1,200	1,380	2830	2830
6	1	Tronchetto di fondazione Expendable foundation element Elément a sceller Fundamentanker		1,350	1,490	1,490		730
7	1	Trave principale della crociera di base Base main beam Poutre de chassis de base Hauptträger für Kreuzgelenk		4,680	0,670	0,560		1020
8	2	Semitrave della crociera di base Half base beam Semipoutre de chassis de base Halbträger für Kreuzgelenk		2,270	0,450	0,590	535	1070
9	4	Blocco di appoggio Concrete pad Sabot en béton Betonfuss (B1)		3,000	0,600	0,600	2465	9860
10	2	Bilancino traslazione folle Driven bogie Boggie fou Fahrschemel ohne motorantrieb		0,800	0,195	0,385	190	380
11	2	Bilancino traslazione motorizzato Driving bogie Boggie motorisée Fahrschemel mit motorantrieb		0,925	0,425	0,385	310	620
12	10	Blocco di zavorra Base ballast block Lest de base Grundballastblöcken (A)		3,000	1,200	0,600	4953	49530

SEQUENZA DI MONTAGGIO  
 ASSEMBLING SEQUENCE  
 SEQUENCE DE MONTAGE  
 AUFSTELLUNG SEQUENZ

