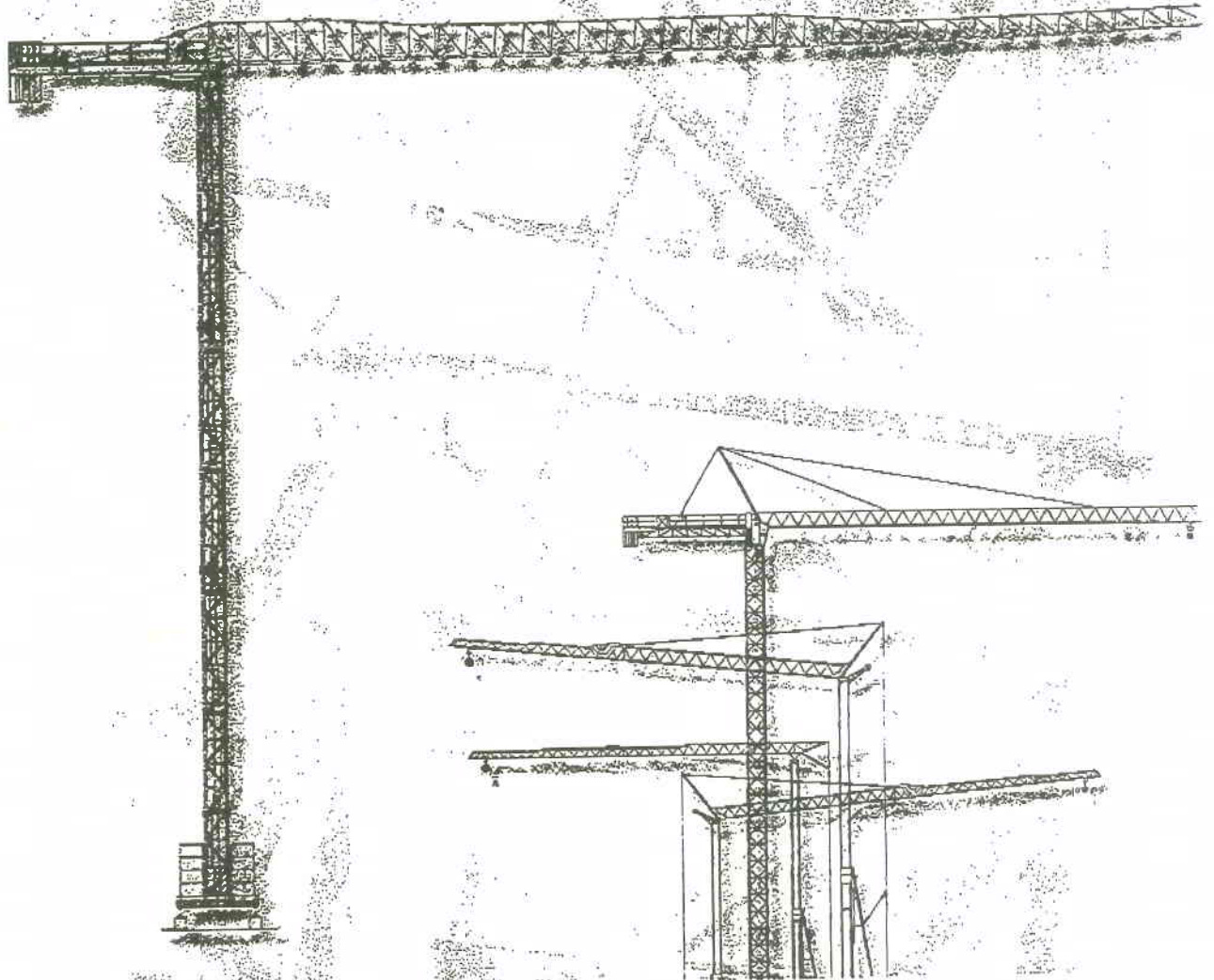


City Crane GMT 213



TÜV
CERT
UNI EN ISO 9001

CE FEM-1.001- A3

S.I.M.E.[®]
GROUP

City Crane GMT 213

Gru a torre a montaggio rapido
Quick assembly tower crane

S.I.M.E. GROUP

Un design d'avanguardia per una gru molto versatile: è la proposta S.I.M.E. GROUP più attuale nella linea

"City Cranes" prodotte da RAIMONDI. La GMT 213, realizzata con materiali strutturali di alta qualità, è un

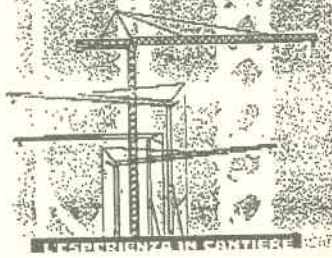
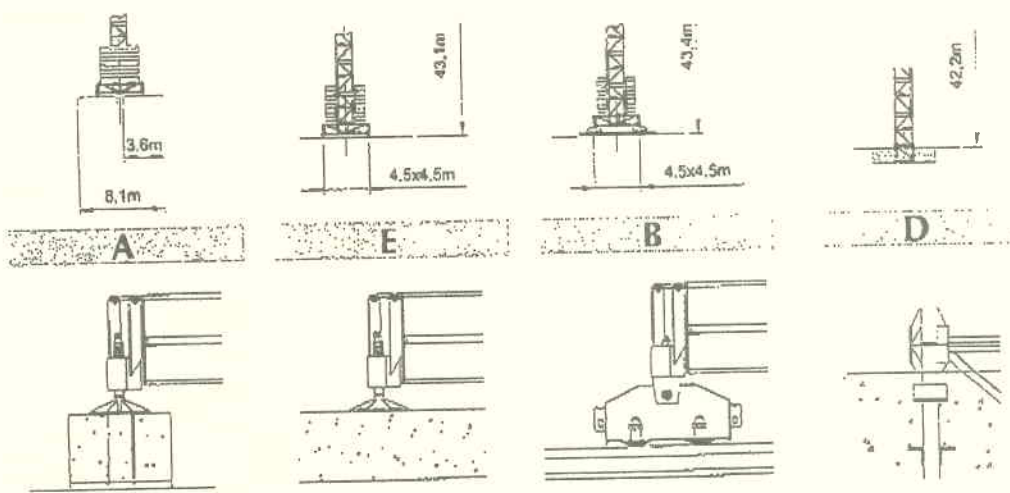
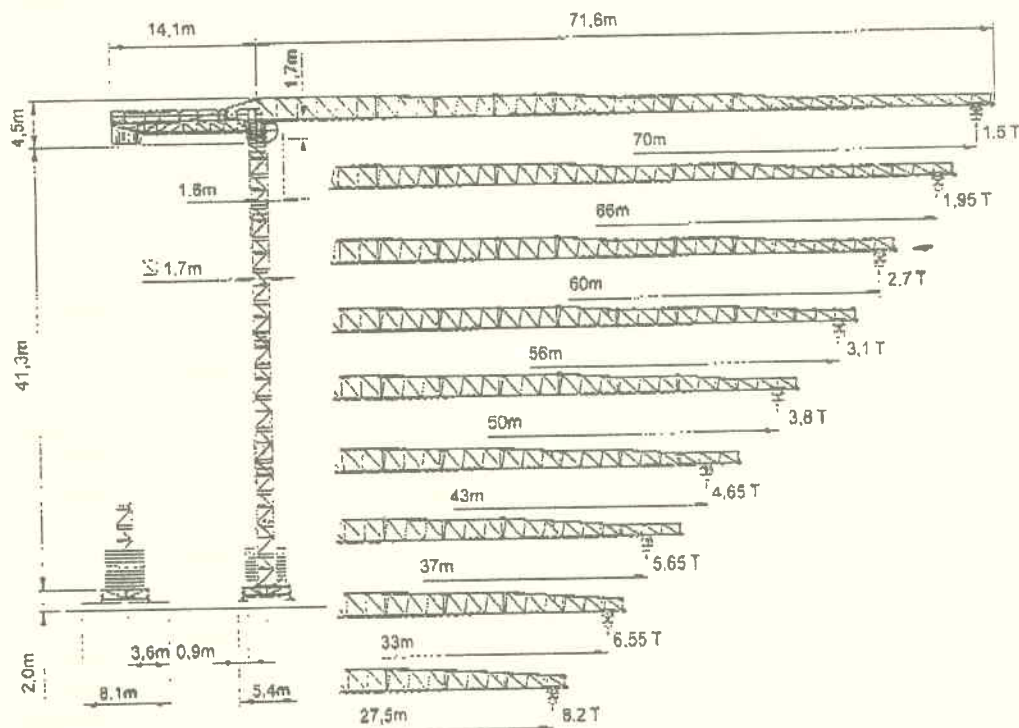
vero esempio di tecnologia italiana d'avanguardia, in cui confluisce il meglio della tecnologia europea.

Di facile e rapido montaggio, per operare al meglio anche in centri urbani affollati, la

GMT 213 sintetizza perfettamente i migliori criteri di semplicità, estetica ed efficienza. Un grande passo avanti in tecnologia per il futuro del vostro lavoro.

State-of-the-art design for a very versatile crane: the GMT 213 is the most updated S.I.M.E. GROUP offer in the City Cranes line produced by RAIMONDI. Constructed using high quality materials, the GMT 213 is an excellent example of Italian avant-garde technology, which incorporates the best of European technology.

Featuring quick and easy assembly for the most efficient operation in crowded urban sites, the GMT 213 fully embodies the best criteria of simplicity, aesthetics, and efficiency. A big step forward in technology for the future of your work.



City Crane GMT 213

Gru a torre a montaggio rapido
Quick assembly tower crane

RAGGI E PORTATE

RADIUS AND S.W.L.

Portata max (Kg)
Max s.w.l. (Kg)



10.000



5.000



12.000



6.000

Braccio (m)
Jib (m)

27,5 33 37 43 50 56 60 66 70 27,5 33 37 43 50 56 60 66 70

Campo di portata
max da 2,8m a m:
Max s.w.l. range
from 2,8m to m:

22,8 22,9 22,7 22,4 22,2 21,3 20,6 18,1 16,4 19,7 19,4 19,2 18,9 18,7 17,9 17,3 15,2 13,7

	15	18	20	22	24	26	27,5	30	32	33	36	37	40	42	43	46	48	50	52	54	56	58	60	62	64	66	68	70		
SBRACCIO (m) RADIUS (m) 	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000		
	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000		
	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000		
	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000		
	9413	9402	9363	9254	9145	8709	8387	7221	6378																					
	8588	8577	8541	8442	8341	7939	7643	6570	5794																					
	8222	8212	7841	7749	7655	7283	7009	6016	5490																					
		7268	7237	7151	7064	6718	6462	5537	4867																					
		6739	6711	6630	6549	6225	5986	5120	4493																					
		6550	6472	6394	6315	6001	5770	4931	4324																					
			58385	5767	5694	5407	5195	4428	3873																					
			5650	5581	5510	5231	5025	4279	3739																					
				5080	5015	4757	4567	3878	3380																					
				4786	4724	4479	4298	3643	3169																					
			4650	4590	4350	4174	3534	3071																						
				4221	3998	3833	3236	2804																						
				4002	3788	3630	3058	2644																						
				3800	3595	3443	2895	2498																						
					3417	3271	2745	2363																						
					3253	3112	2605	2238																						
					3100	2965	2476	2123																						
						2828	2356	2015																						
						2700	2244	1915																						
							2140	1821																						
								2042	1733																					
								1950	1651																					
									1573																					
									1500																					

Solo tiro semplice:
Two reeving only:

+150 Kg.

+ 150 Kg.

BRACCIO E CONTRAPPESO

JIB AND COUNTERWEIGHT

Braccio (m)
Jib (m)

27,5 33 37 43 50 56 60 66 70

Contrappeso (t)
Counterweight (t)

9,010 12,210 13,145 15,68 18,215 20,75 22,35 25,55 25,55

tipo
type

quantità / quantity

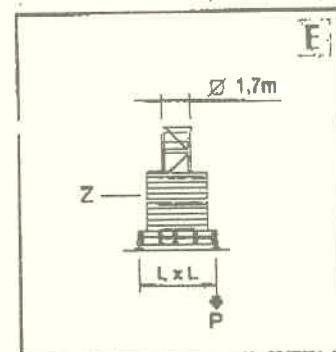
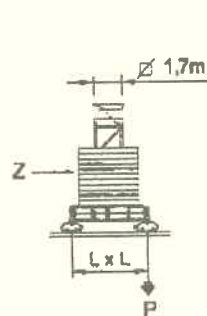
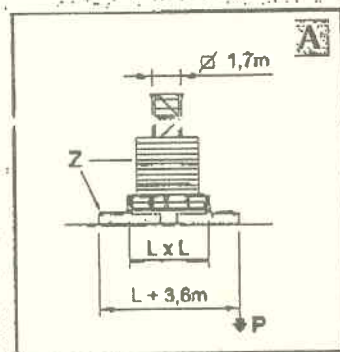
COMPOSIZIONE
ECOMPOSITION

A 183	2	2	2	2	2	2	2	2	2
B 183	-	-	1	2	3	4	4	4	4
C 183	-	2	1	1	1	1	2	4	4

City Crane GMT 213

ALTEZZA SOTTOGANCIO, ZAVORRA DI BASE, REAZIONI

H.U.H. MAX BASE BALLAST AND CORNER PRESSURE



SU BASE / ON CROSSBASE

L = 4,5 m

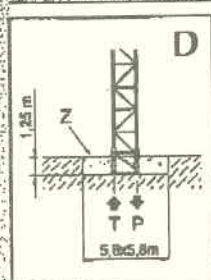
H (m)	max Z (t)	max P (kN)	H (m)	max Z (t)	max P (kN)	H (m)	max Z (t)	max P (kN)
20,3	75,10	614	19,5	76,70	612	19,5	76,70	618
26,2	75,10	641	25,4	76,70	639	25,4	76,70	646
32,1	81,00	688	31,3	82,60	685	31,3	82,60	692
38,0	86,90	746	37,2	88,50	746	37,2	88,50	755
43,85	98,70	808	43,1	100,30	806	43,1	100,30	813

SU BASE / ON CROSSBASE

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	39,70	449	19,8	35,40	464	19,5	35,40	464
26,2	39,70	468	25,7	35,40	487	25,4	35,40	487
32,1	39,70	513	31,6	41,30	514	31,3	41,30	514
38,0	45,60	552	37,5	41,30	548	37,2	41,30	548
43,85	63,30	613	43,4	53,10	603	43,1	53,10	603

SU PLINTO / STATIONARY






H (m)	18,6	24,5	30,4	36,3	42,2
T (kN)	657	712	762	858	952
P (kN)	946	1015	1096	1192	1303
q max (kg/cm ²)	1,283	1,373	1,487	1,635	1,828

City Crane GMT 213

Grù a torre a montaggio rapido
Quick assembly tower crane






























VELOCITA', POTENZA

SPEED, POWER

		VELOCITA' - SPEED	POTENZA - POWER
ROTAZIONE SLEWING		0,26 / 0,48 / 0,7 min ⁻¹	2 x 4,8 Kw
CARRELLO TROLLEY		27 / 54 m/min	5,5 Kw
		18,8 / 35,2 / 54 m/min Progressivo - Progressive	5,5 Kw
TRASLAZIONE RAIL		20 m/min	2 x 4 Kw

ARGANO - CARICO, VELOCITA'

WINCH - LOAD, SPEED

ARGANO WINCH		MARCIA STEP		CARICO / VELOCITA' LOAD / SPEED	
TIPO TYPE	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
		3		1300 kg - 67 m/min	2600 kg - 33,6 m/min
		1		4000 kg - 9 m/min	8000 kg - 5 m/min
		2		4000 kg - 28 m/min	8000 kg - 14 m/min
	50 HP 37 Kw - 8VF INVERTER	3		4000 kg - 45 m/min	8000 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
		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
	33 HP 24,3 Kw - 10	3		2500 kg - 46 m/min	5000 kg - 23 m/min
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	
33 HP 24,3 Kw - 10VF INVERTER	3		2500 kg - 46 m/min	5000 kg - 23 m/min	
	4		1800 kg - 54 m/min	3600 kg - 27 m/min	
	1		5000 kg - 3 m/min	10000 kg - 1,5 m/min	
	2		5000 kg - 16 m/min	10000 kg - 8 m/min	
50 HP 37 Kw - 10VF INVERTER	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	
	1		6000 kg - 4 m/min	12000 kg - 2 m/min	
	2		6000 kg - 18 m/min	12000 kg - 9 m/min	
60 HP 45 Kw - 12VF INVERTER	3		6000 kg - 34 m/min	12000 kg - 17 m/min	
	4		3200 kg - 63 m/min	6780 kg - 32 m/min	
	5		2070 kg - 93 m/min	4440 kg - 46 m/min	

Conforme alla direttiva 2000/14/CE sul livello acustico / In compliance with the 2000/14/CE instruction on noise level

FORZA MOTRICE

INSTALLED POWER

	24,3 Kw (33 HP)	37 Kw (50 HP)	45 Kw (60 HP)
FORZA MOTRICE TOTALE TOTAL INSTALLED POWER	48 Kw	60 Kw	70 Kw

LISTA DEI PESI

PACKING LIST

Pos. Item	Pezzi Pieces	Descrizione Description	Schizzo Sketch	Dimensioni Dimensions (m)			Peso Weight (Kg)			
				L	W	H	Unit.	Total.		
	1	N° 1			11,975	1,795	2,290	3600	3600	
	1	N° 2			6,190	1,500	2,290	1210	1210	
	1	N° 3			6,165	1,300	2,090	1100	1100	
	1	N° 4			6115	1,300	2,090	1000	1000	
	1	N° 5			6,110	1,300	2,090	850	850	
1	1	Elemento di freccia Jib element								
	1	N° 6			6,105	1,300	1,690	750	750	
	1	N° 7			6,050	1,300	1,690	600	600	
		N° 8			6,040	1,300	1,660	540	540	
		N° 9			4,140	1,300	1,210	370	370	
		N° 10			5,995	1,300	1,210	420	420	
		N° 11			5,920	1,300	1,180	390	390	
		N° 12			4,070	1,300	1,210	210	210	
	1	Puntale freccia Jib point			0,500	1,300	1,385	90	90	
	1	Controfreccia, argano sollevamento, quadro elettrico, carrello freccia Counterjib, hoisting winch, trolley jib, electrical box			13,350 (L1) 11,950	2,605	2,400	8300	8300 7450	
3	1	Controfreccia, argano sollevamento, quadro elettrico, carrello freccia, portablocchi Counterjib, hoisting winch, trolley jib, electrical box element for counterweight			16,480	2,605	2,400	9100	9100	
4	1	Gruppo girevole Slewing table			1,900	3,200	1,900	4150	4150	
5	1	Ballatoio cabina, cabina Access balcony, cabin			2,470	3,530	2,190	861	861	
	2	Blocchi di contrappeso Counterweight block			A183	1,670	0,480	2,810	4505	9010
6	4				B183	1,670	0,270	2,810	2535	10140
	4				C183	1,670	0,170	2,810	1600	6400

City Crane GMT 213

Grù a torre a montaggio rapido
Quick assembly tower crane

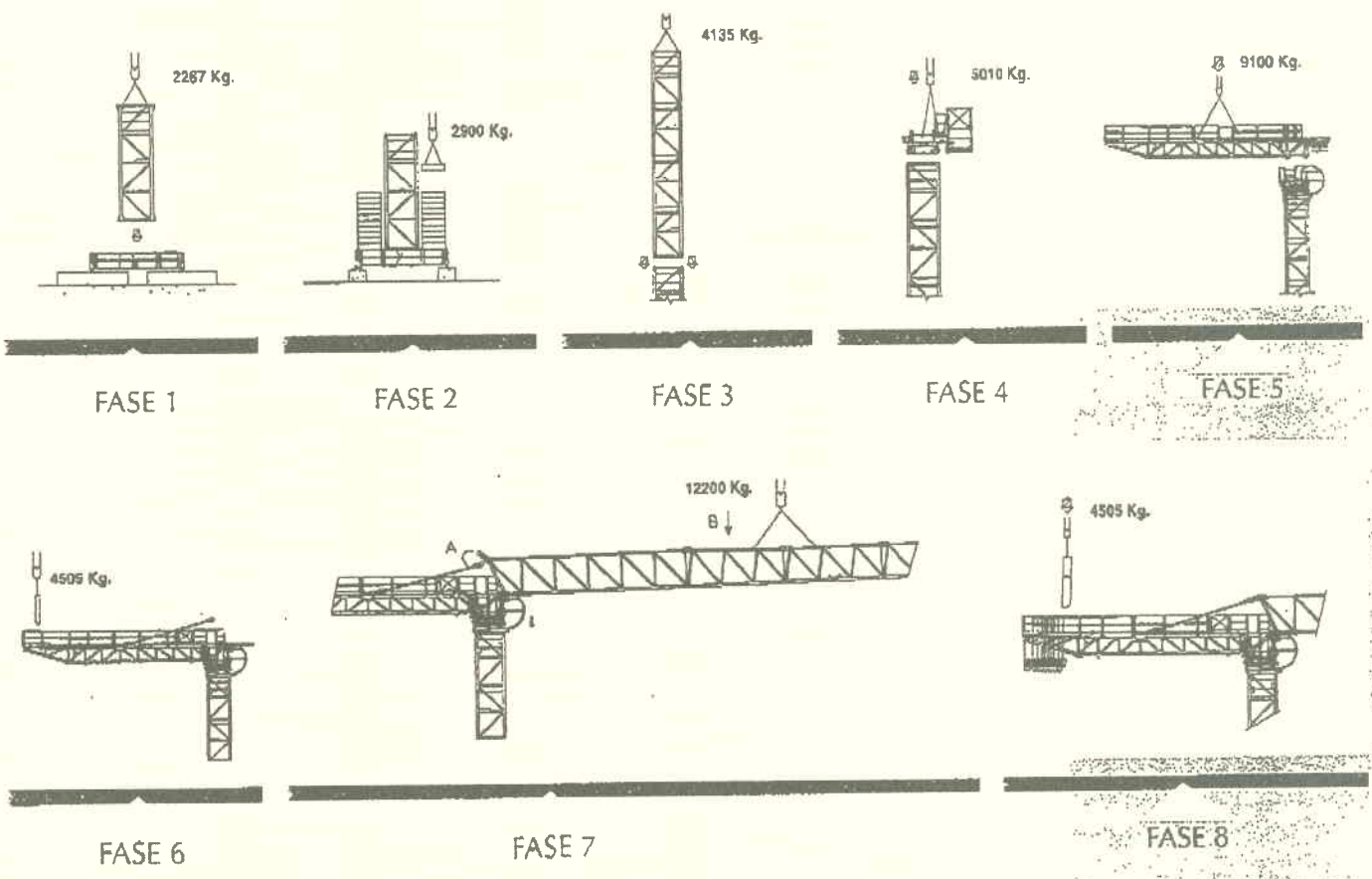
LISTA DEI PESI

PACKING LIST

Pos. Item	Pezzi Pieces	Descrizione Description	Schizzo Sketch	Dimensioni (m) Dimensions			Peso (Kg) Weight		
				L	W	H	Unit.	Total.	
7		Elemento di torre Tower element		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	Tronchetto di fondazione Expandable foundation element		1,465	1,980	1,980	830	830	
11	1	Trave princ. della crociera di base Base main beam		6,0x6,0 4,5x4,5	8,645 6,524	0,780 0,780	0,960 0,960	3475 2595	3475 2595
12	2	Semitrave della crociera di base Half base beam (B5)		6,0x6,0 4,5x4,5	4,323 3,212	0,680 0,680	0,974 0,974	1745 1235	3490 2470
13	4	Blocco di appoggio Concrete pad		3,600	0,900	0,750	5520	22080	
14	2	Bilancino traslazione folle Driven bogie		1,315	0,222	0,540	600	1200	
15	2	Bilancino traslaz. motorizzato Driving bogie		1,427	0,492	0,540	765	1530	
16	29	Blocco di zavorra (GB3) Base ballast block		3,600	1,200	0,300	2900	84100	

SEQUENZA DI MONTAGGIO

ASSEMBLING SEQUENCE



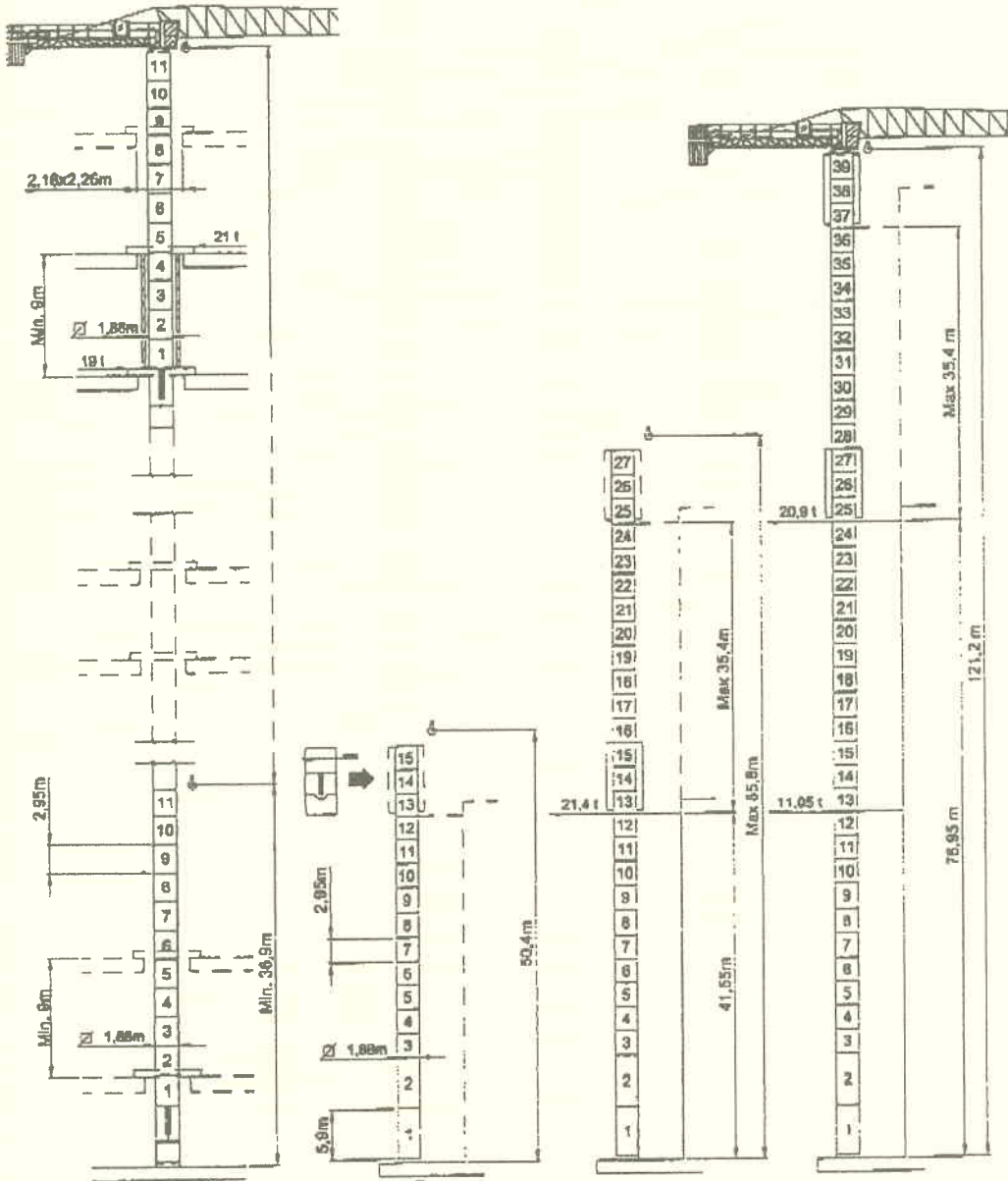
City Crane GMT 213 Grù a torre a montaggio rapido Quick assembly tower crane

GMT 213 RI

Rampante
Floor climbing

GMT 213 HC

A soprazzo idraulico
External climbing



* Altezza sotto-gancio, zavorra di base, reazioni su plinto
H.U.H., max. base ballast and corner pressure stationary

Per versioni speciali consultateci.

Agenzia di zona / Dealer:

I dati riportati possono essere soggetti a modifiche senza preavviso.

SIME®

GROUP

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www.simegroup.it