SCHEDE TECNICHE DEI SEGUENTI PRODOTTI

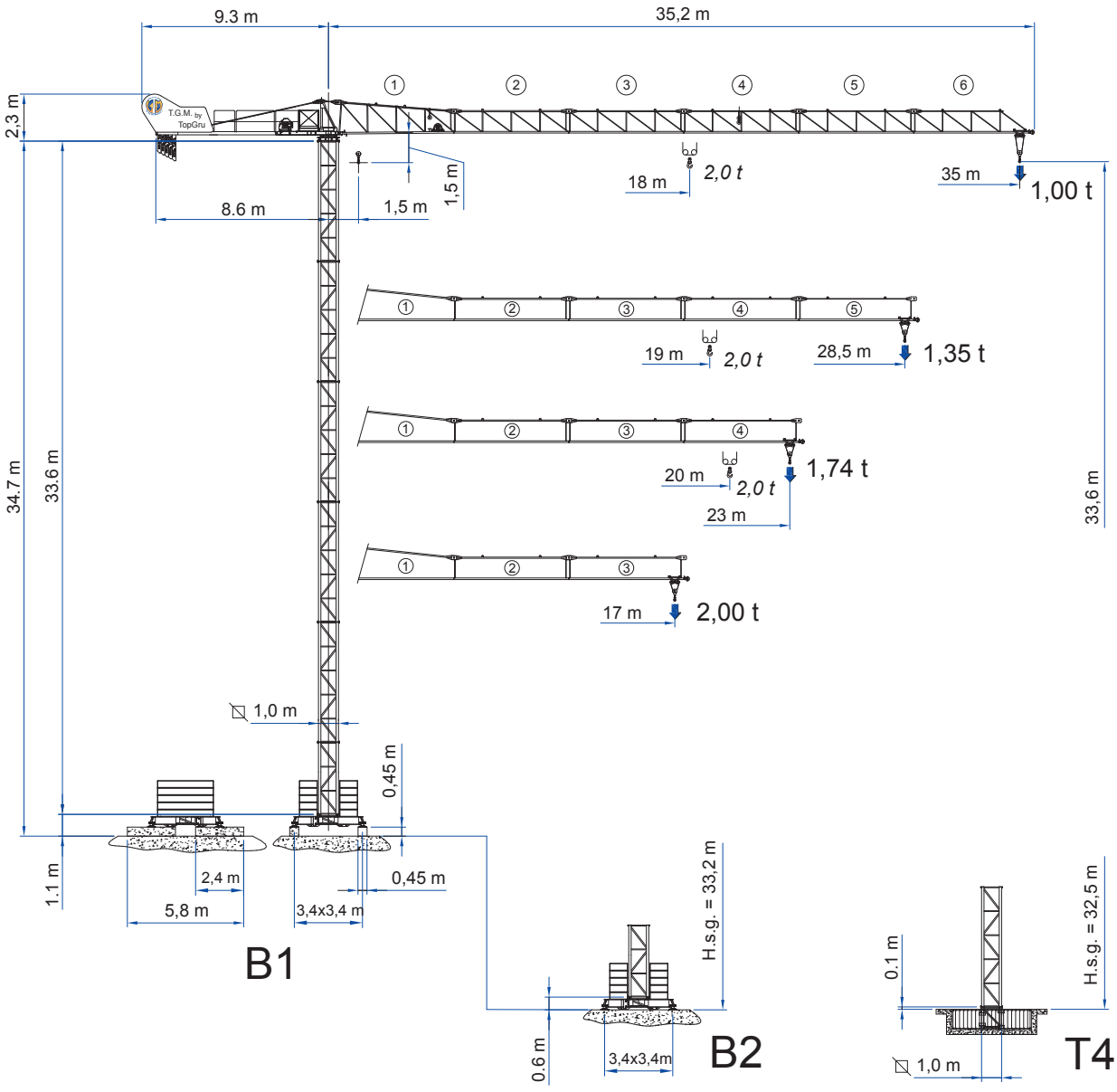
- GRT 35-100
- GRT 40-100
- GRT 52-125
- GRT 55-120

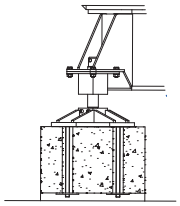
Top Gru Machine

GRT 35-100

FEM 1,001 A3

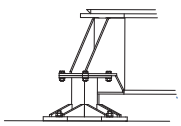
40 ton. x m.
REV. 1 05/2011





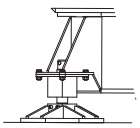
B1

STABILIZZATORE REGOLABILE
CON BLOCCO DI APPOGGIO
regolable stabilizator
with concrete pad



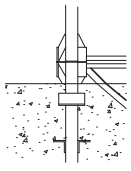
B2

STABILIZZATORE FISSO
fixed stabilizator



B2

STABILIZZATORE REGOLABILE
regolable stabilizator



T4

TRONCHETTO DI FONDAZIONE
expendable foundation element

DATI ILLUSTRATIVI NON IMPEGNATIVI CON RISERVA DI MODIFICA SENZA PREAVVISO
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Failure to observe the general rules for use in the manual and/or irresponsible use of the crane can cause serious damage to health.

Top Gru Machine

GRT 35-100

FEM 1,001 A3

40 ton. x m.
REV. 1 05/2011

DIAGRAMMA DI PORTATA LOAD DIAGRAM LASTKURVEN COURBES DE CHARGES CURVAS DE CARGAS

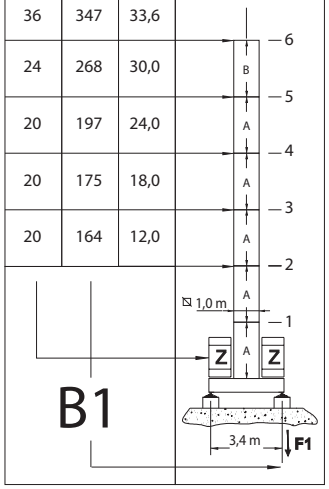
Portata max - Max s.w.l. - Charge maxi 2,0 t

m.																	
35	14	15	16	17	**18**	19	20	22	23	24	26	28,5	30	32	34	35	m.
	2,00	2,00	2,00	2,00	**2,00**	1,95	1,84	1,66	1,58	1,51	1,38	1,25	1,18	1,10	1,03	1,00	t
28,5	14	15	16	17	18	**19**	20	22	23	24	26	28,5					m.
	2,00	2,00	2,00	2,00	2,00	**2,00**	1,98	1,79	1,70	1,62	1,49	1,35					t
23	14	15	16	17	18	19	**20**	22	23								m.
	2,00	2,00	2,00	2,00	2,00	2,00	**2,00**	1,82	1,74								t
17	14	15	16	**17**													m.
	2,00	2,00	2,00	**2,00**													t

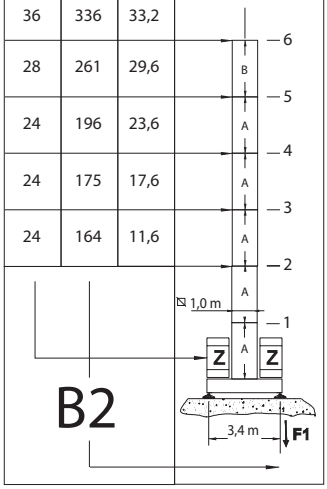
TORRE/REAZIONI TOWER/REACTIONS TURM/REAKTIONEN TOUR/REACTIONS MASTIL/REACCIONES

Torre ⊠ 1,0 m — Base 3,4x3,4 m

Z (t)	F1 (kN)	H.u.H. (m)	(A=6,0m) (B=3,6m)
36	347	33,6	
24	268	30,0	
20	197	24,0	
20	175	18,0	
20	164	12,0	

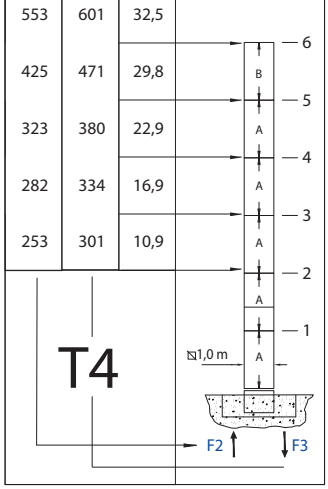


Z (t)	F1 (kN)	H.u.H. (m)	(A=6,0m) (B=3,6m)
36	336	33,2	
28	261	29,6	
24	196	23,6	
24	175	17,6	
24	164	11,6	



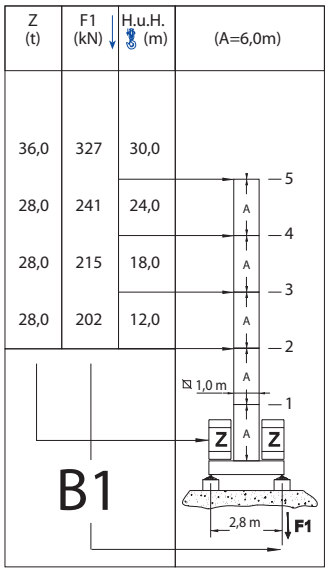
Tronchetto di fondazione ⊠ 1,0 m

F2 (kN)	F3 (kN)	H.u.H. (m)	(A=6,0m) (B=3,6m)
553	601	32,5	
425	471	29,8	
323	380	22,9	
282	334	16,9	
253	301	10,9	

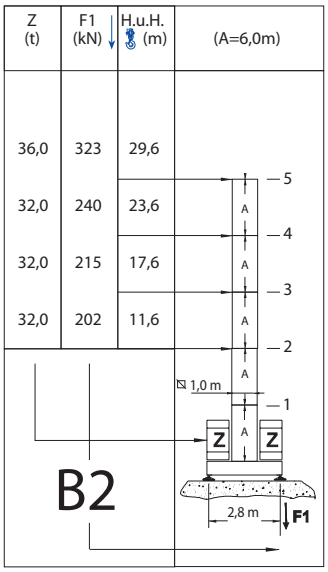


Torre ⊠ 1,0 m — Base 2,80x2,80 m

Z (t)	F1 (kN)	H.u.H. (m)	(A=6,0m)
36,0	327	30,0	
28,0	241	24,0	
28,0	215	18,0	
28,0	202	12,0	

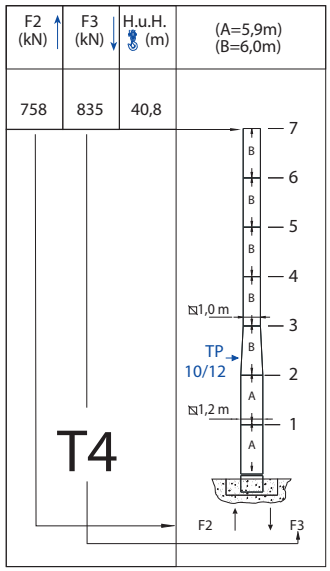


Z (t)	F1 (kN)	H.u.H. (m)	(A=6,0m)
36,0	323	29,6	
32,0	240	23,6	
32,0	215	17,6	
32,0	202	11,6	



UFC TP 10/12

F2 (kN)	F3 (kN)	H.u.H. (m)	(A=5,9m) (B=6,0m)
758	835	40,8	



Top Gru Machine

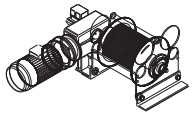
GRT 35-100

CE – FEM 1,001 A3

40 ton. x m.
REV. 1 05/2011

MECCANISMI MECHANISMS ANTRIEBE MÉCANISMES MECANISMOS

	giri/min	m/min	Nm	Kw
	1,02	–	35	-
	–	20/40	–	1,5
	–	–	–	1,8

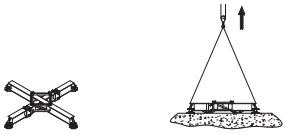
	CV - ch PS - hp	KW	m	marcia - step vitesse - gang velocidades	m/min	(t)
8 3S 20	12	8,8	90	1 2 3	5,5 22 44	2 2 1

Potenza totale richiesta Total installed power Geforderte Stromstärke Puissance totale nécessaire Potencia necesaria	8 3S 20 - 16kVA	400 V - 50 Hz

MONTAGGIO ASSEMBLY VERSAMMEWNG MONTAGE ASAMBLEA

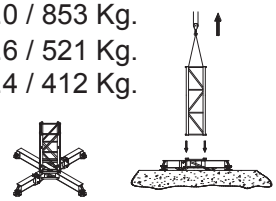
1

B 3.4x3.4m Tot. 1604 Kg.
B 2.8x2.8m Tot. 1427 Kg.



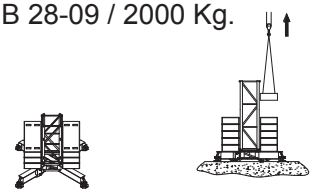
2

6.0 / 853 Kg.
3.6 / 521 Kg.
2.4 / 412 Kg.

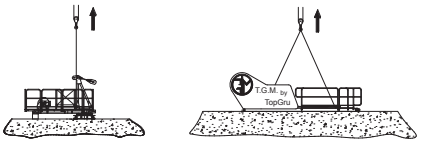


3

B 28-09 / 2000 Kg.

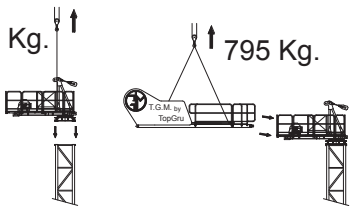


1925 Kg. 795 Kg.

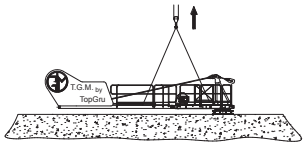


4a

1925 Kg. 795 Kg.

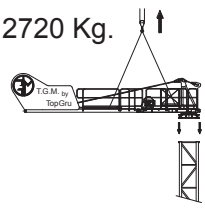


2720 Kg.



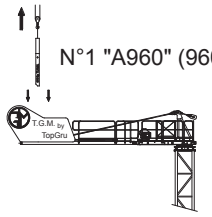
4b

2720 Kg.



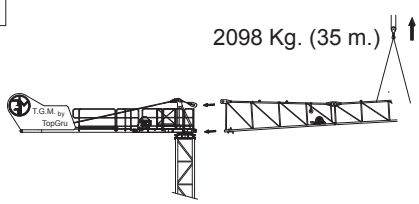
5

N°1 "A960" (960 Kg.)



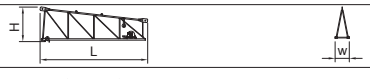
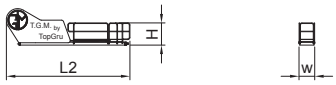
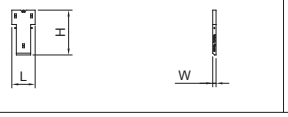
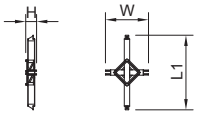
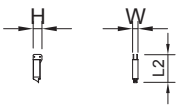
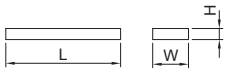
6

2098 Kg. (35 m.)



LISTA DEI PESI PACKING LIST KOLLI-LISTE LISTE DE COLLISAGE LISTA DE PESOS

www.comunicarfe.eu

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 Ausleger Elèment de flèche Elemento de flecha	Nº1		5.930	0.790	1.930	615	615
	1		Nº2		5.985	0.790	1.190	364	364
	1		Nº3		5.985	0.790	1.190	321	321
	1		Nº4		5.985	0.790	1.190	297	297
	1		Nº5		5.985	0.790	1.190	263	263
	1		Nº6		5.860	0.790	1.190	238	238
2	1	**Gruppo Controfreccia girevole** Group Counterjib-turntable Groupe Gegenausleger Groupe Contreflèche tournante Contraflecha giratorio			3.75	1.705	2.3	1925	1925
3	1	**Elemento controfreccia esterno** External counterjib. Externes Gegenausleger. Contreflèche extérieure. Elemento de contraflecha esterno			6.9	0.875	1.23	795	795
4	5	**Blocchi di contrappeso** Counterweight block Gegengewichtsblöcke Contre-poids Bloques de contrapeso	A 960		1.30	0.185	2.50	960	4800
5	1	**Elemento di torre** Tower element Turmstück Elèment de mature Elemento de torre			6.0 3.6 2.4	1.11 1.11 1.11	1.11 1.11 1.11	853 521 412	853 521 412
6	1	**Tronchetto di fondazione** Expendable foundation element Fundamentanker Elèment a sceller Tronco de fundaciön			1,075	1,11	1,11	309	309
7	1	**Trave principale di base** Base main beam Hauptträger für Kreuzgelenk Poutre de chassis de base Viga principal de la base			(2,8x2,8m) (3,4x3,4m)	4.16 5.01	2.4 2.4	0.605 0.605	1083 1154	1083 1154
	2	**Semi-trave di base** Half bass beam Hauptträger für Kreuzgelenk Semipoutre de chassis de base Mediaviga de la base			(2,8x2,8m) (3,4x3,4m)	1.15 1.575	0.3 0.3	0.49 0.49	172 225	344 450
8	18 18	**Blocco di zavorra** Base ballast block Grundballastblöcken Lest de base Bloque de lastre	(B28-09)		(2,8x2,8m) (3,4x3,4m)	2.800 2.800	0.900 0.900	0.360 0.360	2000 2000	36000 36000
9	4	**Blocco di appoggio** Concrete pad Betonfuss Sabot en béton Bloque de apoyo	(BA 2)		2.400	0.450	0.450	1000	4000

T.G.M. by Top Gru Machine srl **www.tgmgru.com**

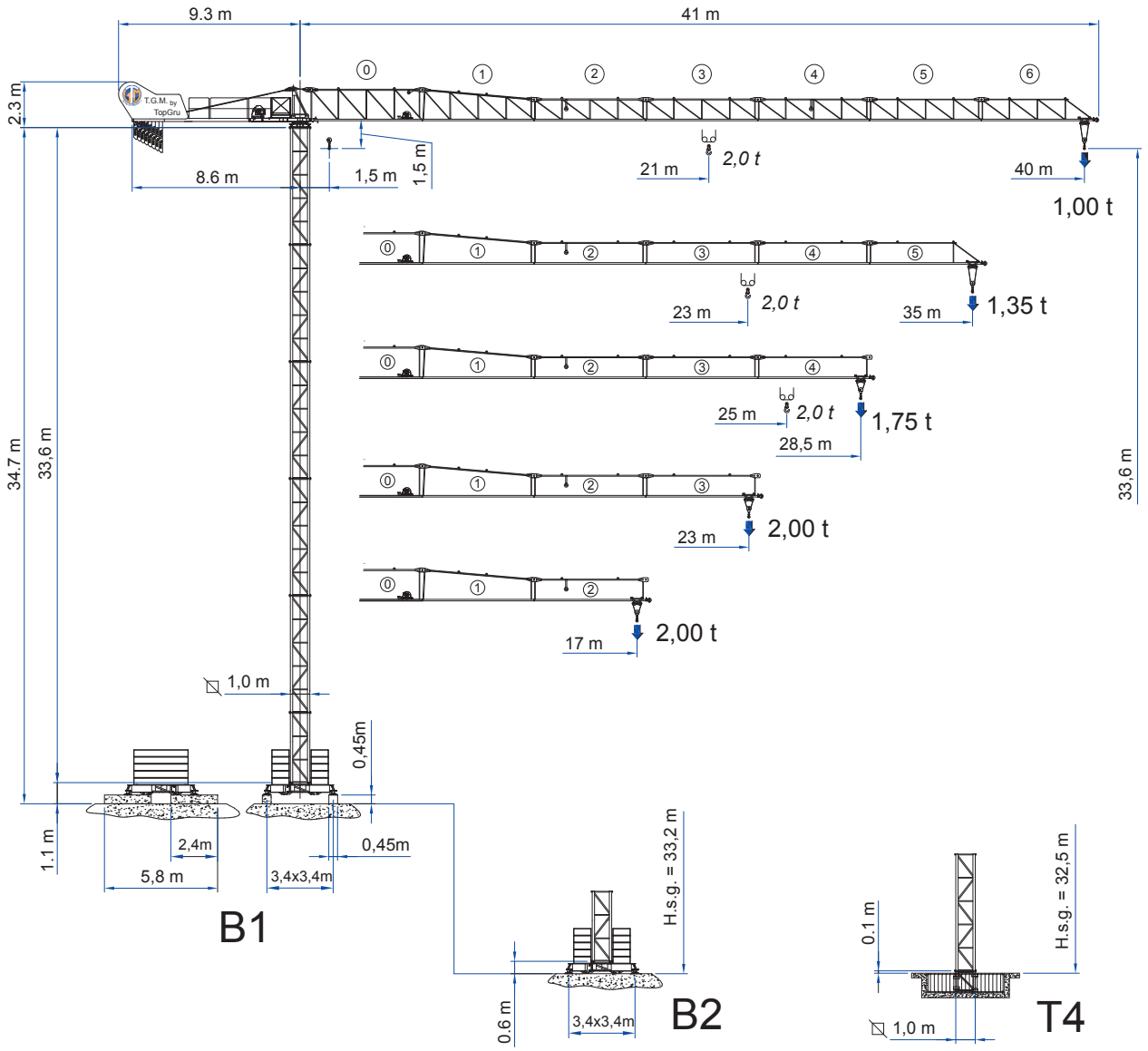
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Unità locale produttiva: via Piccinelli 2 22076 Mozzate (CO) tel. +39 **0331 837 266** fax +39 **0331 688 063**
c.f./p.iva/Reg. Impr. Como 03290830136 cap. soc. € 100.000,00 i.v. REA CO n. 306478 **info@tgmgru.com**

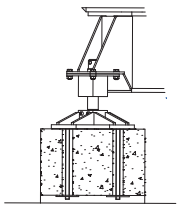
Top Gru Machine

GRT 40-100

FEM 1,001 A3

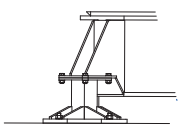
50 ton. x m.
REV. 1 05/2011





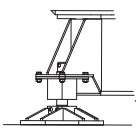
B1

STABILIZZATORE REGOLABILE
CON BLOCCO DI APPOGGIO
regolable stabilizator
with concrete pad



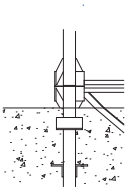
B2

STABILIZZATORE FISSO
fixed stabilizator



B2

STABILIZZATORE REGOLABILE
regolable stabilizator



T4

TRONCHETTO DI FONDAZIONE
expendable foundation element

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Top Gru Machine

GRT 40-100

CE – FEM 1,001 A3

50 ton. x m.
REV. 1 05/2011

DIAGRAMMA DI PORTATA LOAD DIAGRAM LASTKURVEN COURBES DE CHARGES CURVAS DE CARGAS

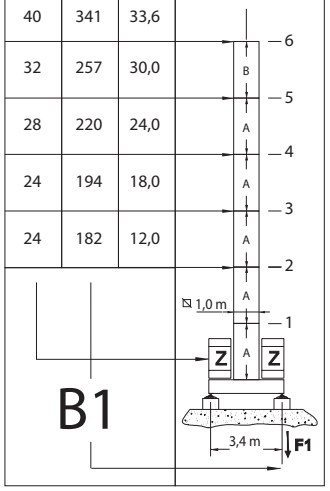
Portata max - Max s.w.l. - Charge maxi 2,0 t

m.																	
40	17	18	20	21	22	23	24	25	26	28	30	32	34	35	38	40	m.
	2,00	2,00	2,00	2,00	1,93	1,83	1,75	1,68	1,61	1,48	1,37	1,28	1,19	1,16	1,05	1,00	t
35	17	18	20	21	22	23	24	25	26	28	30	32	34	35			m.
	2,00	2,00	2,00	2,00	2,00	2,00	1,99	1,90	1,82	1,68	1,56	1,45	1,36	1,35			t
28,5	17	18	20	21	22	23	24	25	26	28,5							m.
	2,00	2,00	2,00	2,00	2,00	2,00	2,00	2,00	1,92	1,75							t
23	17	18	20	21	22	23											m.
	2,00	2,00	2,00	2,00	2,00	2,00											t
17	17																m.
	2,00																t

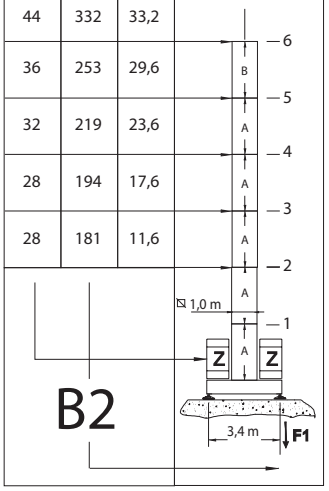
TORRE/REAZIONI TOWER/REACTIONS TURM/REAKTIONEN TOUR/REACTIONS MASTIL/REACCIONES

Torre ⊠ 1,0 m — Base 3,4x3,4 m

Z (t)	F1 (kN)	H.u.H. (m)	(A=6,0m) (B=3,6m)
40	341	33,6	
32	257	30,0	
28	220	24,0	
24	194	18,0	
24	182	12,0	

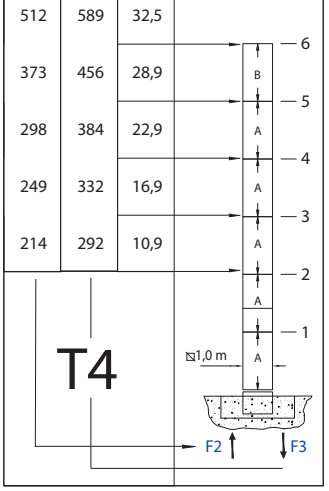


Z (t)	F1 (kN)	H.u.H. (m)	(A=6,0m) (B=3,6m)
44	332	33,2	
36	253	29,6	
32	219	23,6	
28	194	17,6	
28	181	11,6	



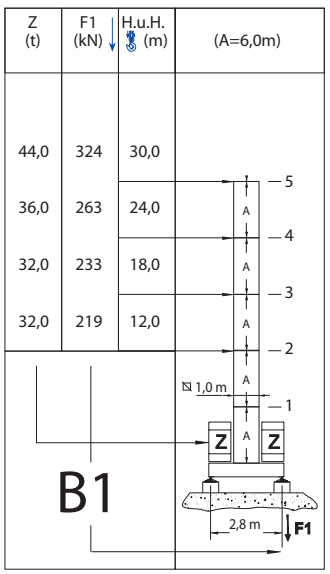
Tronchetto di fondazione ⊠ 1,0 m

F2 (kN)	F3 (kN)	H.u.H. (m)	(A=6,0m) (B=3,6m)
512	589	32,5	
373	456	28,9	
298	384	22,9	
249	332	16,9	
214	292	10,9	

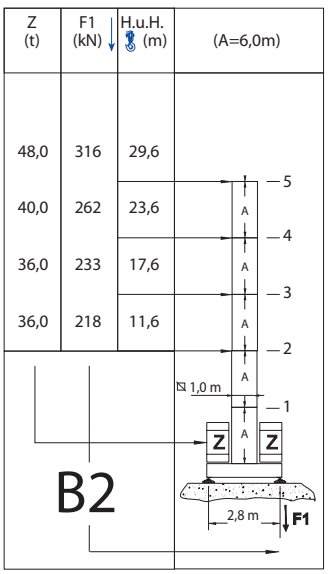


Torre ⊠ 1,0 m — Base 2,80x2,80 m

Z (t)	F1 (kN)	H.u.H. (m)	(A=6,0m)
44,0	324	30,0	
36,0	263	24,0	
32,0	233	18,0	
32,0	219	12,0	

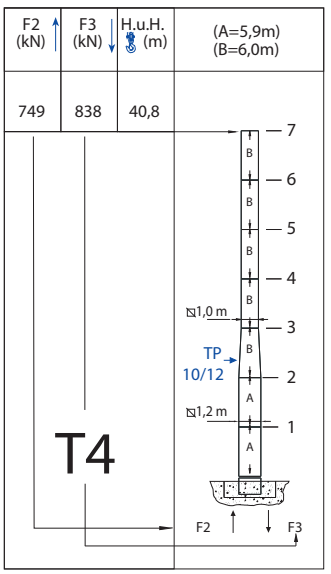


Z (t)	F1 (kN)	H.u.H. (m)	(A=6,0m)
48,0	316	29,6	
40,0	262	23,6	
36,0	233	17,6	
36,0	218	11,6	



UFC TP 10/12

F2 (kN)	F3 (kN)	H.u.H. (m)	(A=5,9m) (B=6,0m)
749	838	40,8	



Top Gru Machine

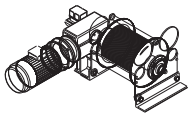
GRT 40-100

CE – FEM 1,001 A3

50 ton. x m.
REV. 1 05/2011

MECCANISMI MECHANISMS GETRIEBE MÉCANISMES MECANISMOS

	giri/min	m/min	Nm	Kw
	1,02	–	35	-
	–	20/40	–	1,5
	–	–	–	1,8

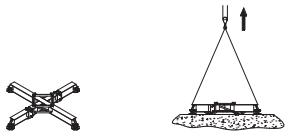
	CV - ch PS - hp	KW	m	marcia - step vitesse - gang velocidades	m/min	(t)
8 3S 20	12	8,8	90	1 2 3	5,5 22 44	2 2 1

Potenza totale richiesta Total installed power Geforderte Stromstärke Puissance totale nécessaire Potencia necesaria	8 3S 20 - 16kVA	400 V - 50 Hz

MONTAGGIO ASSEMBLY VERSAMMLUNG MONTAGE ASAMBLEA

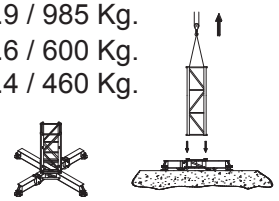
1

B 3.4x3.4m Tot. 1604 Kg.
B 2.8x2.8m Tot. 1427 Kg.



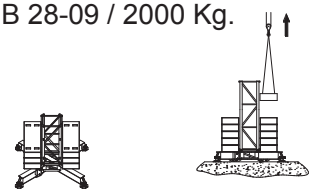
2

5.9 / 985 Kg.
3.6 / 600 Kg.
2.4 / 460 Kg.

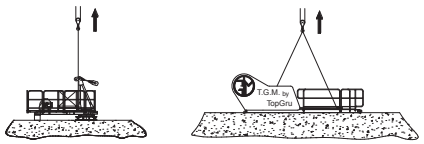


3

B 28-09 / 2000 Kg.

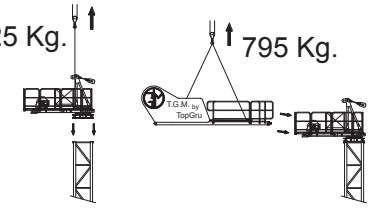


1925 Kg. 795 Kg.

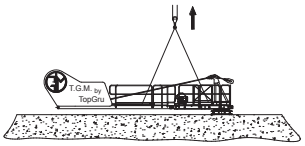


4a

1925 Kg. 795 Kg.

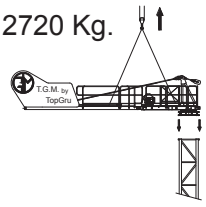


2720 Kg.



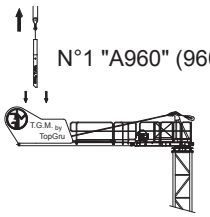
4b

2720 Kg.



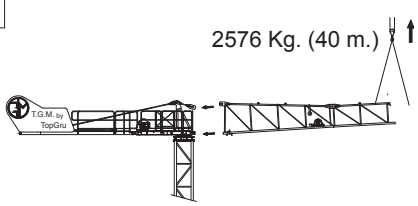
5

N°1 "A960" (960 Kg.)

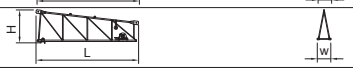
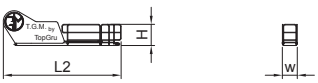
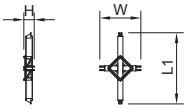
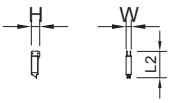


6

2576 Kg. (40 m.)



LISTA DEI PESI PACKING LIST KOLLI-LISTE LISTE DE COLLISAGE LISTA DE PESOS

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 Ausleger Elèment de flèche Elemento de flecha	N°0		5.985	0.790	2.040	683	683
	1		N°1		5.985	0.790	1.930	410	410
	1		N°2		5.985	0.790	1.190	364	364
	1		N°3		5.985	0.790	1.190	321	321
	1		N°4		5.985	0.790	1.190	297	297
	1		N°5		5.985	0.790	1.190	263	263
	1		N°6		5.860	0.790	1.190	238	238
2	1	**Gruppo Controfreccia girevole** Group Counterjib-turntable Groupe Gegenausleger Groupe Contreflèche tournante Contreflecha giratorio			3.75	1.705	2.3	1925	1925
3	1	**Elemento controfreccia esterno** External counterjib Externes Gegenausleger Contreflèche extérieure Elemento de controflecha esterno			6.9	0.875	1.23	795	795
4	8	**Blocchi di contrappeso** Counterweight block Gegengewichtsblöcke Contre-poids Bloques de contrapeso	A 960		1.30	0.185	2.50	960	7680
5	1	**Elemento di torre** Tower element Turmstück Elèment de mature Elemento de torre			5.9 3.6 2.4	1.11 1.11 1.11	1.11 1.11 1.11	985 600 460	985 600 460
6	1	**Tronchetto di fondazione** Expendable foundation element Fundamentanker Elèment a sceller Tronco de foundacion			1,075	1,11	1,11	334	334
7	1	**Trave principale di base** Base main beam Haupttrager für Kreuzgelenk Poutre de chassis de base Viga principal de la base	(2,8x2,8m) (3,4x3,4m)		4.16 5.01	2.4 2.4	0.605 0.605	1083 1154	1083 1154
	2	**Semi-trave di base** Half base beam Haupttrager für Kreuzgelenk Semipoutre de chassis de base Mediaviga de la base	(2,8x2,8m) (3,4x3,4m)		1.15 1.575	0.3 0.3	0.49 0.49	172 225	344 450
8	24 22	**Blocco di zavorra** Base ballast block Grundballastblöcken Lest de base Bloque de lastre	(B28-09)		(2,8x2,8m) (3,4x3,4m)	2.800 2.800	0.900 0.900	0.360 0.360	2000 2000	48000 44000
9	4	**Blocco di appoggio** Concrete pad Betonfuss Sabot en béton Bloque de apoyo	(BA 2)		2.400	0.450	0.450	1000	4000

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T.G.M. by Top Gru Machine srl **www.tgmgru.com**

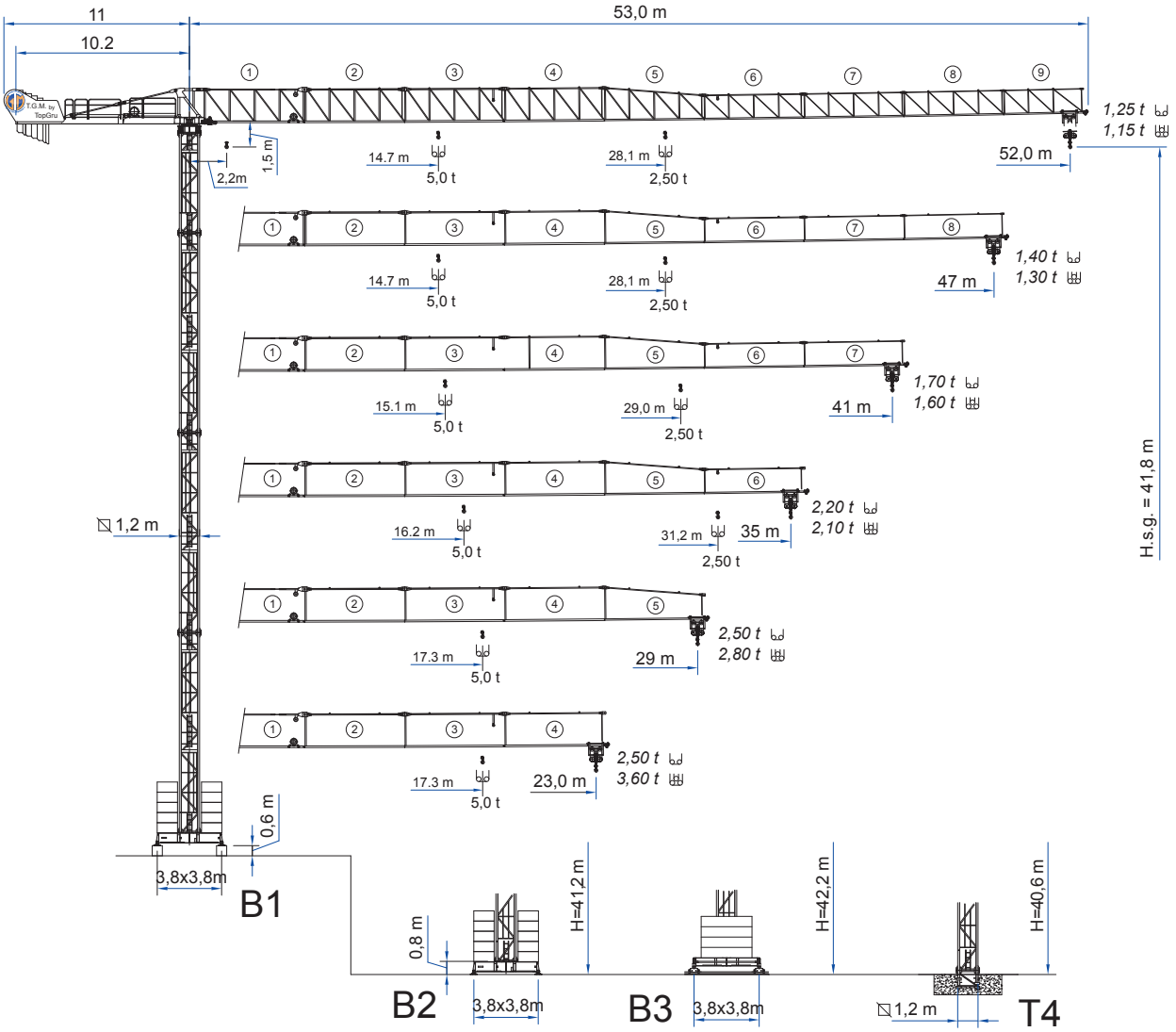
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c.f./p.iva/Reg. Impr. Como 03290830136 cap. soc. € 100.000,00 i.v. REA CO n. 306478 **info@tgmgru.com**

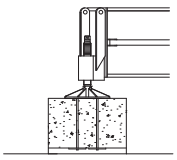
Top Gru Machine

GRT 52-125

FEM 1,001 A3

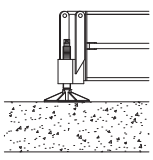
90 ton. x m.
REV. 1 05/2011





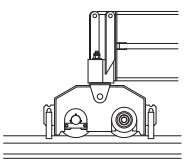
B1

STABILIZZATORE REGOLABILE CON BLOCCO DI APPOGGIO
regolable stabilizator with concrete pad



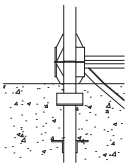
B2

STABILIZZATORE REGOLABILE
regolable stabilizator



B3

TRASLAZIONE MOTORIZZATA
motorized translation



T4

TRONCHETTO DI FONDAZIONE
expendable foundation element

DATI ILLUSTRATIVI NON IMPEGNATIVI CON RISERVA DI MODIFICA SENZA PREAVVISO
Disegni e dati tecnici riportati nel presente depliant hanno lo scopo esclusivamente illustrativo e sono validi solo per uso commerciale. Per il corretto utilizzo della gru e per la consultazione di qualsiasi dato tecnico, si rimanda al manuale d'uso e manutenzione della macchina.
L'inosservanza delle norme generali d'utilizzo riportate nel manuale e/o l'uso irresponsabile della gru possono arrecare gravi danni alla salute

SPECIFICATION AND DATA NOT BINDING SUBJECT TO MODIFICATION WITHOUT NOTICE
Drawings and technical data contained in this brochure are only illustrative and are valid only for commercial use. For the correct use of the crane and the consultation of any technical data, see the manual and machine maintenance.
Failure to observe the general rules for use in the manual and/or irresponsible use of the crane can cause serious damage to health.

Top Gru Machine

GRT 52-125

FEM 1,001 A3

90 ton. x m.
REV. 1 05/2011

DIAGRAMMA DI PORTATA LOAD DIAGRAM LASTKURVEN COURBES DE CHARGES CURVAS DE CARGAS

Portata max - Max s.w.l. - Charge maxi — 2,5 t

m.	13	15	17	19	21	23	25	28,1	29	31	33	35	37	39	41	43	45	47	49	51	52	m.
52	2,50	2,50	2,50	2,50	2,50	2,50	2,50	2,50	2,41	2,24	2,09	1,96	1,84	1,74	1,64	1,55	1,48	1,40	1,34	1,28	1,25	t
47	13	15	17	19	21	23	25	28,1	29	31	33	35	37	39	41	43	45	47				m.
	2,50	2,50	2,50	2,50	2,50	2,50	2,50	2,50	2,41	2,23	2,08	1,95	1,83	1,73	1,64	1,55	1,47	1,40				t
41	13	15	17	19	21	23	25	27	29	31	33	35	37	39	41							m.
	2,50	2,50	2,50	2,50	2,50	2,50	2,50	2,50	2,50	2,32	2,17	2,03	1,91	1,80	1,70							t
35	13	15	17	19	21	23	25	27	29	31,2	33	35										m.
	2,50	2,50	2,50	2,50	2,50	2,50	2,50	2,50	2,50	2,50	2,35	2,20										t
29	13	15	17	19	21	23	25	27	29													m.
	2,50	2,50	2,50	2,50	2,50	2,50	2,50	2,50	2,50													t
23	13	15	17	19	21	23																m.
	2,50	2,50	2,50	2,50	2,50	2,50																t

Portata max - Max s.w.l. - Charge maxi — 5,0 t — 2,5 t

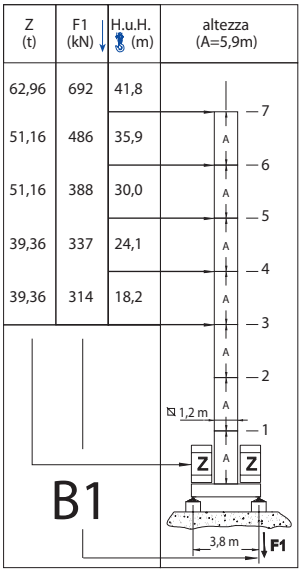
m.	13	15,4	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47	49	51	52	m.
52	5,00	5,00	4,24	3,74	3,34	3,01	2,74	2,51	2,31	2,14	1,99	1,86	1,74	1,64	1,54	1,45	1,37	1,30	1,24	1,18	1,15	t
47	13	15,3	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47				m.
	5,00	5,00	4,22	3,73	3,33	3,00	2,73	2,50	2,31	2,13	1,98	1,85	1,73	1,63	1,53	1,45	1,37	1,30				t
41	13	15,6	17	19	21	23	25	27	29	31	33	35	37	39	41							m.
	5,00	5,00	4,40	3,87	3,46	3,12	2,84	2,60	2,40	2,22	2,07	1,93	1,81	1,70	1,60							t
35	13	15	16,6	19	21	23	25	27	29	31	33	35										m.
	5,00	5,00	5,00	4,19	3,75	3,39	3,08	2,83	2,61	2,41	2,25	2,10										t
29	13	15	17,5	19	21	23	25	27	29													m.
	5,00	5,00	5,00	4,50	4,02	3,63	3,31	3,03	2,80													t
23	13	15	17,2	19	21	23																m.
	5,00	5,00	5,00	4,47	3,99	3,60																t

TORRE/REAZIONI TOWER/REACTIONS TURM/REAKTIONEN TOUR/REACTIONS MASTIL/REACCIONES

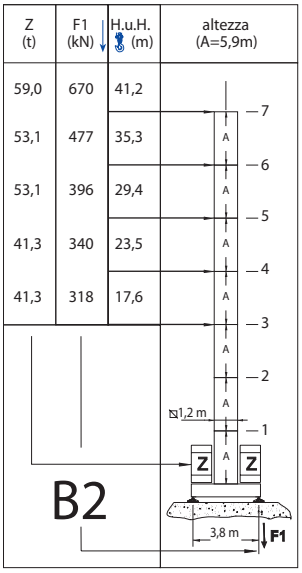
Torre ⊠ 1,2 m

Base 3,8x3,8 m

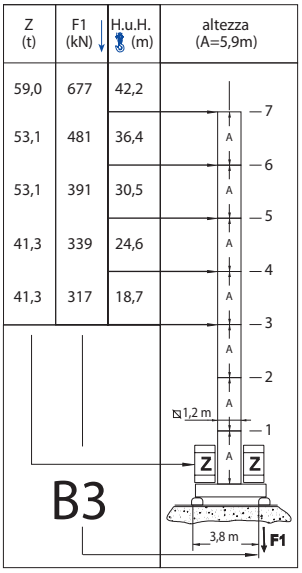
Z (t)	F1 (kN)	H.u.H. (m)	altezza (A=5,9m)
62,96	692	41,8	7
51,16	486	35,9	6
51,16	388	30,0	5
39,36	337	24,1	4
39,36	314	18,2	3
			2
			1



Z (t)	F1 (kN)	H.u.H. (m)	altezza (A=5,9m)
59,0	670	41,2	7
53,1	477	35,3	6
53,1	396	29,4	5
41,3	340	23,5	4
41,3	318	17,6	3
			2
			1

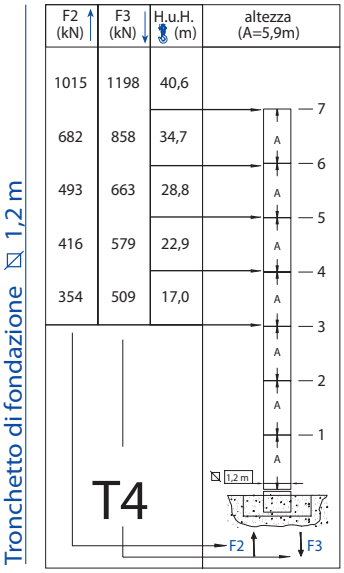


Z (t)	F1 (kN)	H.u.H. (m)	altezza (A=5,9m)
59,0	677	42,2	7
53,1	481	36,4	6
53,1	391	30,5	5
41,3	339	24,6	4
41,3	317	18,7	3
			2
			1



Tronchetto di fondazione ⊠ 1,2 m

F2 (kN)	F3 (kN)	H.u.H. (m)	altezza (A=5,9m)
1015	1198	40,6	7
682	858	34,7	6
493	663	28,8	5
416	579	22,9	4
354	509	17,0	3
			2
			1



Top Gru Machine

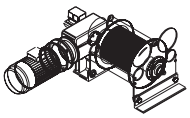
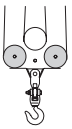
GRT 52-125

CE – FEM 1,001 A3

90 ton. x m.
REV. 1 05/2011

MECCANISMI MECHANISMS ANTRIEBE MÉCANISMES MECANISMOS

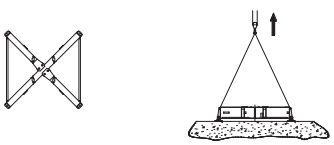
	giri/min	m/min	Nm	Kw
	0,67	–	65	-
	–	15/30/60	–	4
	–	16	–	2x2,2

	 CV - ch PS - hp	KW	 m	marcia - step vitesse - gang velocidades	 m/min	(t)	 m/min	(t)
11 3S 25 3 velocità 3 speed	15	11	160	1 2 3	5 20 40	2,5 2,5 1,25	2,5 10 20	5,0 5,0 2,5
18 FV3 25 inverter	25	18,4	160 235	1 2 3 4	0-7,5 0-31 0-48 0-66	2,5 2,5 1,75 1,25	0-3,7 0-15,5 0-24 0-33	5,0 5,0 3,5 2,5

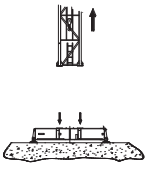
Potenza totale richiesta - Total installed power Geforderte Stromstärke - Puissance totale nécessaire Potencia necesaria	11 3S 25 - 27 kVA 18 FV3 25 - 43 kVA	400 V - 50 Hz

MONTAGGIO ASSEMBLY VERSAMMEWNG MONTAGE ASAMBLEA

B 3.8x3.8m Tot. 3340 Kg.
B 4.5x4.5m Tot. 4180 Kg.



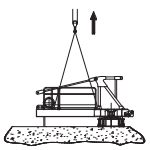
11.8 / 3050 Kg.
5.9 / 1620 Kg.
2.95 / 810 Kg.



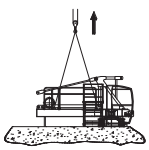
Z 295 / 2950 Kg.



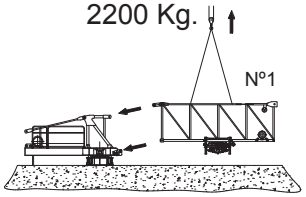
5850 Kg.



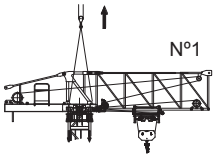
6450 Kg.



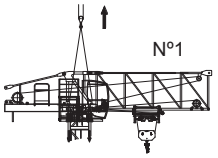
2200 Kg.



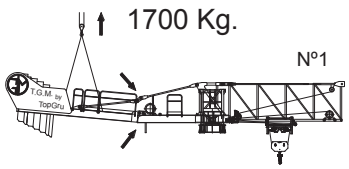
8050 Kg.



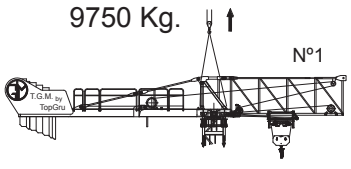
8650 Kg.



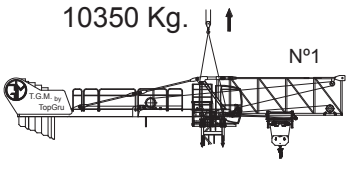
1700 Kg.



9750 Kg.



10350 Kg.



LISTA DEI PESI PACKING LIST KOLLI-LISTE LISTE DE COLLISAGE LISTA DE PESOS

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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 Ausleger Elèment de flèche Elemento de flecha	Nº1			6.135	1.280	2.060	1410	1410
	1		Nº2			6.155	1.150	2.060	700	700
	1		Nº3			6.155	1.150	2.060	590	590
	1		Nº4			6.155	1.150	2.060	490	490
	1		Nº5			6.060	1.150	2.030	420	420
	1		Nº6			6.060	1.150	1.500	340	340
	1		Nº7			6.040	1.150	1.500	300	300
	1		Nº8			6.005	1.150	1.500	265	265
	1		Nº9			4.785	1.150	1.470	220	220
2	1	**Gruppo Controfreccia girevole** Group Counterjib-turntable Groupe Gegenausleger Groupe Contreflèche tournante Contrefrecha giratorio				5.085	1.7	2.65	5850	5850
3	1	**Elemento controfreccia esterno** External counterjib Externes Gegenausleger Contreflèche extérieure Elemento de controflecha esterno				6.715	1.435	1.470	1700	1700
4	4	**Blocchi di contrappeso** Counterweight block Gegengewichtsblöcke Contre-poids Bloques de contrapeso			A960	1.30	0.185	2.50	960	3840
	4				A2500	1.30	0.47	2.50	2500	10000
5	-	**Elemento di torre** Tower element Turmstück Elèment de mature Elemento de torre				11.8	1.2	1.38	3050	3050
6	-					5.9	1.2	1.38	1620	1620
7	-					2.95	1.2	1.38	810	810
8	-	**Tronchetto di fondazione** Expendable foundation element Fundamentanker Elèment a sceller Tronco de foundacion				1.09	1.38	1.38	455	455
9	1	**Trave principale di base** Base main beam Haupttrager für Kreuzgelenk Poutre de chassis de base Viga principal de la base			-	-	-	-	-	-
					3,8x3,8 m	5,535	0,710	0,760	1460	1460
	2	**Semi-trave di base** Half base beam Haupttrager für Kreuzgelenk Semipoutre de chassis de base Mediaviga de la base			-	-	-	-	-	-
					3,8x3,8 m	2,620	0,590	0,770	940	1880
	2	**Bilancino di traslazione folle / motorizzato** Driven boige Fahrschemel ohne/mit motorantrieb Boggie fou/motorisee Eslinga de viajes motorizados/loco		B1 B2	B1	1.16	0.25	0.503	455	960
	2				B2	1.16	0.59	0.503	680	1360
10	20	**Blocco di zavorra** Base ballast block Grundballastblöcken Lest de base Bloque de lastre	(Z295)			3.600	1.200	0.300	2950	59000
11	4	**Blocco di appoggio** Concrete pad Betonfuss Sabot en béton Bloque de apoyo	(BA 02)			3.000	0,600	0,600	2465	9860

T.G.M. by Top Gru Machine srl **www.tgmgru.com**

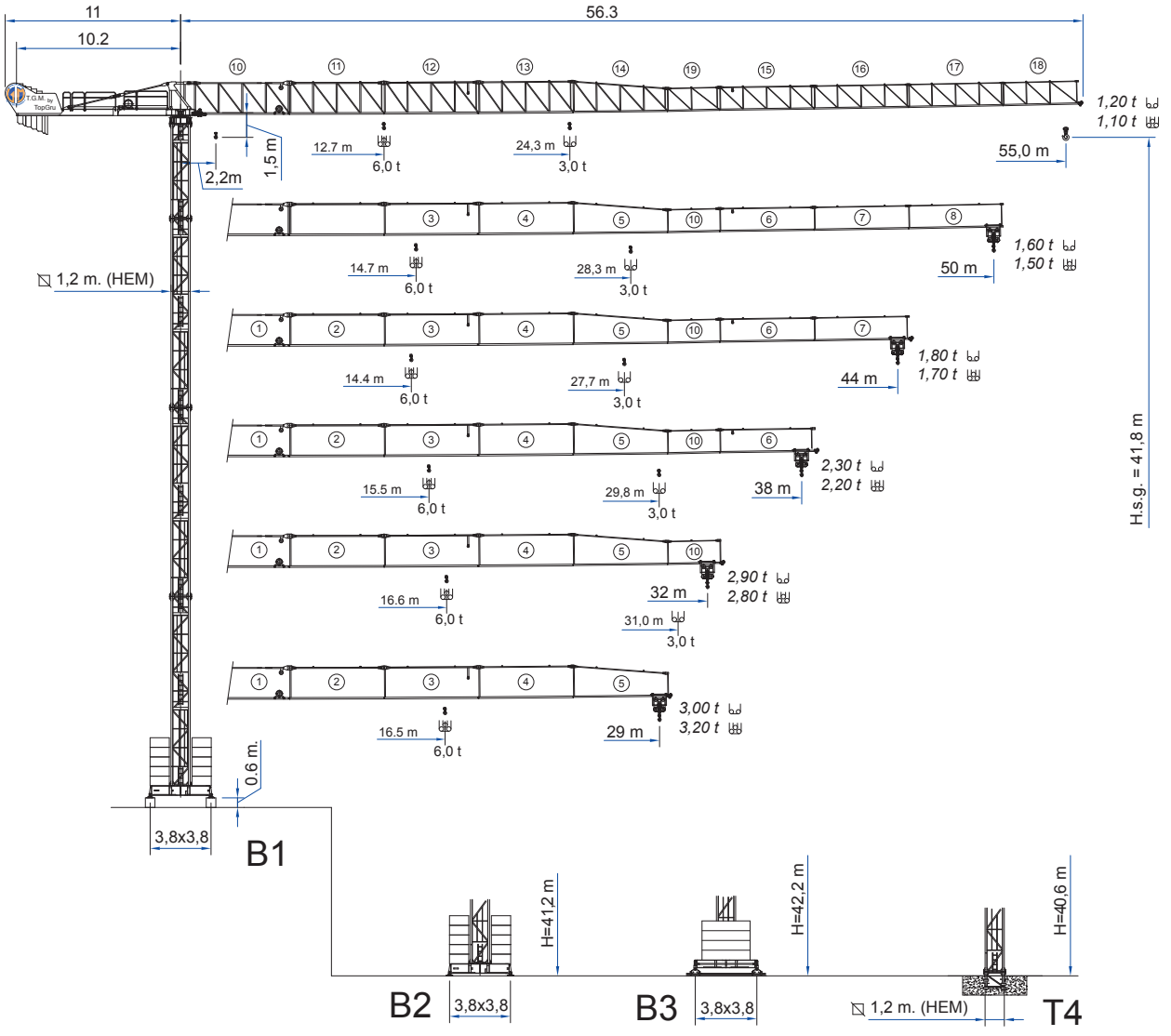
Sede legale: via Baraggia 9, ang. SP. 28 22100 Como - Albate (CO) tel. +39 **031 594 751** fax +39 **031 520 815**
Unità locale produttiva: via Piccinelli 2 22076 Mozzate (CO) tel. +39 **0331 837 266** fax +39 **0331 688 063**
c.f./p.iva/Reg. Impr. Como 03290830136 cap. soc. € 100.000,00 i.v. REA CO n. 306478 **info@tgmgru.com**

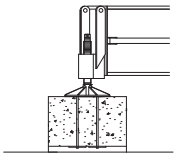
Top Gru Machine

GRT 55-120

FEM 1,001 A3

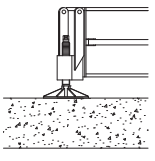
101 ton. x m.
REV. 1 05/2011





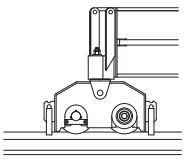
B1

STABILIZZATORE REGOLABILE
CON BLOCCO DI APPOGGIO
regolable stabilizator
with concrete pad



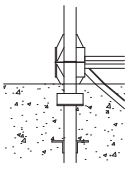
B2

STABILIZZATORE REGOLABILE
regolable stabilizator



B3

TRASLAZIONE MOTORIZZATA
motorized translation



T4

TRONCHETTO DI FONDAZIONE
expendable foundation element

DATI ILLUSTRATIVI NON IMPEGNATIVI CON RISERVA DI MODIFICA SENZA PREAVVISO
Disegni e dati tecnici riportati nel presente depliant hanno lo scopo esclusivamente illustrativo e sono validi solo per uso commerciale. Per il corretto utilizzo della gru e per la consultazione di qualsiasi dato tecnico, si rimanda al manuale d'uso e manutenzione della macchina.
L'inosservanza delle norme generali d'utilizzo riportate nel manuale e/o l'uso irresponsabile della gru possono arrecare gravi danni alla salute

SPECIFICATION AND DATA NOT BINDING SUBJECT TO MODIFICATION WITHOUT NOTICE
Drawings and technical data contained in this brochure are only illustrative and are valid only for commercial use. For the correct use of the crane and the consultation of any technical data, see the manual and machine maintenance.
Failure to observe the general rules for use in the manual and/or irresponsible use of the crane can cause serious damage to health.

Top Gru Machine

GRT 55-120

FEM 1,001 A3

101 ton. x m.
REV. 1 05/2011

DIAGRAMMA DI PORTATA LOAD DIAGRAM LASTKURVEN COURBES DE CHARGES CURVAS DE CARGAS

Portata max - Max s.w.l. - Charge maxi — 3,0 t

m.																									
55	12	13	15	17	19	21	24,3	25	27	29	31	33	35	37	39	41	43	45	47	49	51	53	55	m.
	3,00	3,00	3,00	3,00	3,00	3,00	3,00	2,90	2,67	2,46	2,29	2,13	2,00	1,88	1,77	1,67	1,59	1,51	1,43	1,37	1,30	1,25	1,20	t
50	12	14	16	18	20	22	24	26	28,3	30	32	34	36	38	40	42	44	46	48	50				m.
	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	2,81	2,62	2,45	2,30	2,17	2,05	1,94	1,84	1,75	1,67	1,60				t
44	12	14	16	18	20	22	24	26	27,7	30	32	34	36	38	40	42	44							m.
	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	2,74	2,56	2,39	2,24	2,11	2,00	1,89	1,80							t
38	12	14	16	18	20	22	24	26	28	29,8	32	34	34	38										m.
	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	2,77	2,59	2,44	2,30										t
32	12	14	16	18	20	22	24	26	28	31,0	32													m.
	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	2,90													t
29	12	14	16	18	20	22	24	26	28	29														m.
	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00	3,00														t

Portata max - Max s.w.l. - Charge maxi — 6,0 t — 3,0 t

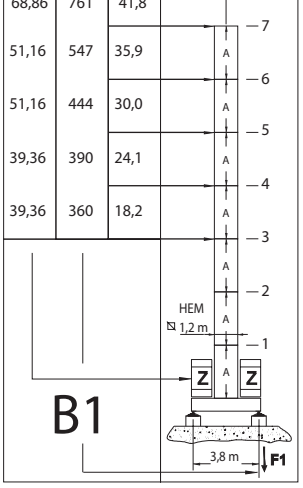
m.																									
55	12,7	13	15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47	49	51	53	55	m.
	6,00	5,85	4,98	4,33	3,82	3,41	3,08	2,80	2,57	2,36	2,19	2,03	1,90	1,78	1,67	1,57	1,49	1,41	1,33	1,27	1,20	1,15	1,10	t
50	12	14,7	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50				m.
	6,00	6,00	5,48	4,81	4,28	3,84	3,49	3,19	2,93	2,71	2,52	2,35	2,20	2,07	1,95	1,84	1,74	1,65	1,57	1,50				t
44	12	14,4	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44							m.
	6,00	6,00	5,35	4,69	4,17	3,75	3,40	3,11	2,85	2,64	2,46	2,29	2,14	2,01	1,90	1,79	1,70							t
38	12	14	15,5	18	20	22	24	26	28	30	32	34	36	38										m.
	6,00	6,00	6,00	5,08	4,52	4,07	3,69	3,38	3,11	2,87	2,67	2,49	2,34	2,20										t
32	12	14	16,6	18	20	22	24	26	28	30	32													m.
	6,00	6,00	6,00	5,49	4,89	4,40	3,99	3,65	3,36	3,11	2,80													t
29	12	15,5	16,5	17	19	21	23	25	27	29														m.
	6,00	6,00	6,00	5,80	5,12	4,58	4,14	3,77	3,46	3,20														t

TORRE/REAZIONI TOWER/REACTIONS TURM/REAKTIONEN TOUR/REACTIONS MASTIL/REACCIONES

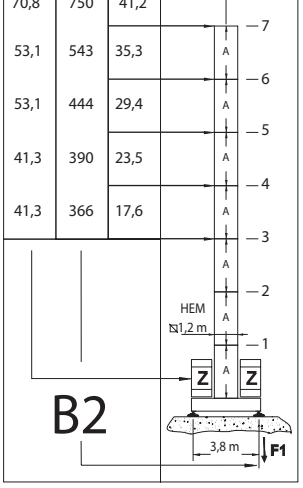
Torre ⊠ 1,2 m HEM

Base 3,8x3,8 m

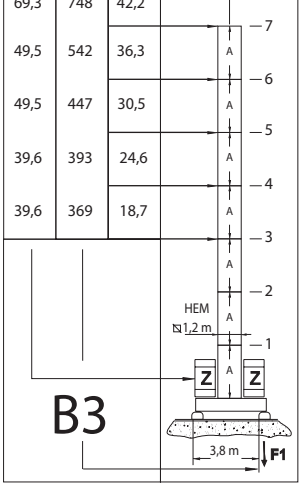
Z (t)	F1 (kN)	H.u.H. (m)	altezza (A=5,9m)
68,86	761	41,8	
51,16	547	35,9	
51,16	444	30,0	
39,36	390	24,1	
39,36	360	18,2	



Z (t)	F1 (kN)	H.u.H. (m)	altezza (A=5,9m)
70,8	750	41,2	
53,1	543	35,3	
53,1	444	29,4	
41,3	390	23,5	
41,3	366	17,6	

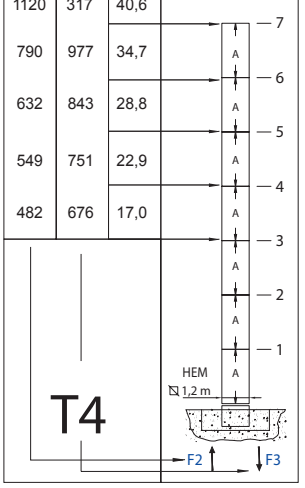


Z (t)	F1 (kN)	H.u.H. (m)	altezza (A=5,9m)
69,3	748	42,2	
49,5	542	36,3	
49,5	447	30,5	
39,6	393	24,6	
39,6	369	18,7	



Tronchetto di fondazione ⊠ 1,2 m HEM

F2 (kN)	F3 (kN)	H.u.H. (m)	altezza (A=5,9m)
1120	317	40,6	
790	977	34,7	
632	843	28,8	
549	751	22,9	
482	676	17,0	



Top Gru Machine

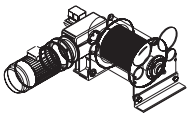
GRT 55-120

CE – FEM 1,001 A3

101 ton. x m.
REV. 1 05/2011

MECCANISMI MECHANISMS ANTRIEBE MÉCANISMES MECANISMOS

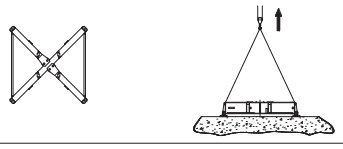
	giri/min	m/min	Nm	Kw
	0,67	_	2x35	-
	_	15/30/60	_	4
	_	15	_	2x2,2

	CV - ch PS - hp	KW	m	marcia - step vitesse - gang velocidades	m/min	(t)	m/min	(t)
18 FV3 30 inverter	25	18,4	160 235	1 2 3 4	0-7,5 0-30 0-47 0-61	3,0 3,0 1,95 1,4	0-3,7 0-15 0-23,5 0-30,5	6,0 6,0 3,9 2,8
22 FV3 30 inverter	30	22	160 235	1 2 3 4	0-5 0-34 0-50 0-68	3,0 3,0 2,0 1,4	0-2,5 0-17 0-25 0-34	6,0 6,0 4,0 2,8

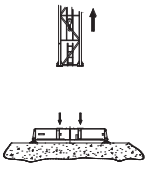
Potenza totale richiesta - Total installed power Geforderte Stromstärke - Puissance totale nécessaire Potencia necesaria	18 FV3 30 - 43 kVA 22 FV3 30 - 60 kVA	400 V - 50 Hz

MONTAGGIO ASSEMBLY VERSAMMEWNG MONTAGE ASAMBLEA

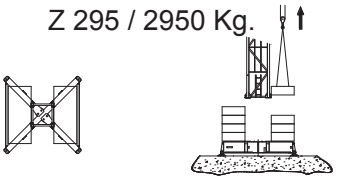
B 3.8x3.8m Tot. 3340 Kg.



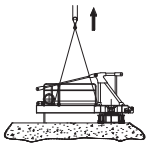
11.8 / 3700 Kg.
5.9 / 1960 Kg.
2.95 / 910 Kg.



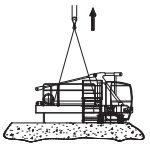
Z 295 / 2950 Kg.



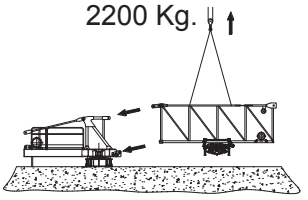
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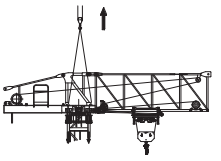
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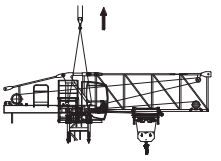
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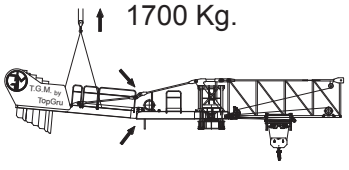
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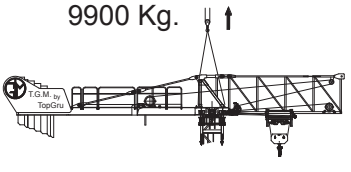
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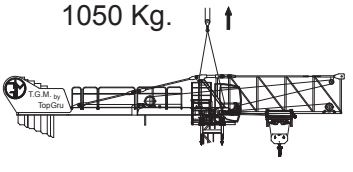
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9900 Kg.



1050 Kg.



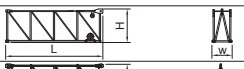
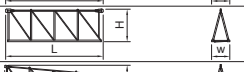
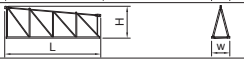
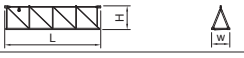
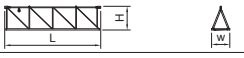
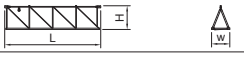
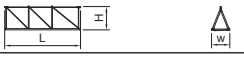
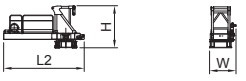
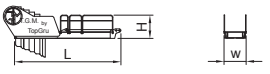
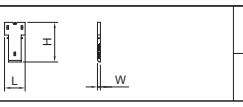
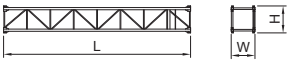
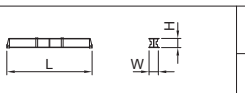
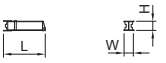
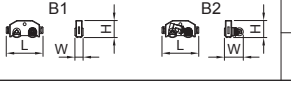
Top Gru Machine

GRT 55-120

FEM 1,001 A3

101 ton. x m.
REV. 1 05/2011

LISTA DEI PESI PACKING LIST KOLLI-LISTE LISTE DE COLLISAGE LISTA DE PESOS

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 Ausleger Elèment de flèche Elemento de flecha	N°10			6.135	1.280	2.060	1410	1410
	1		N°11			**6.155**	**1.150**	**2.060**	700	700
	1		N°12			6.155	1.150	2.060	590	590
	1		N°13			6.155	1.150	2.060	490	490
	1		N°14			6.060	1.150	2.030	420	420
	1		N°19			3.360	1.150	1.500	215	215
	1		N°15			6.060	1.150	1.500	340	340
	1		N°16			6.040	1.150	1.500	300	300
	1		N°17			6.005	1.150	1.500	265	265
	1		N°18			4.785	1.150	1.470	220	220
2	1	**Gruppo Controfreccia girevole** Group Counterjib-turntable Groupe Gegenausleger Groupe Contreflèche tournante Contreflecha giratorio				5.085	1.7	2.65	6000	6000
3	1	**Elemento controfreccia esterno** External counterjib Externes Gegenausleger Contreflèche extérieure Elemento de controflecha esterno				6.715	1.435	1.470	1700	1700
4	4	**Blocchi di contrappeso** Counterweight block Gegengewichtsblöcke Contre-poids Bloques de contrapeso			A960	1.30	0.185	2.50	960	3840
	4				A2500	1.30	0.47	2.50	2500	10000
5	-	**Elemento di torre (HEM)** Tower element (HEM) Turmstück (HEM) Elèment de mature (HEM) Elemento de torre (HEM)				11.8	1.2	1.38	3700	3700
6	-					5.9	1.2	1.38	1960	1960
7	-					2.95	1.2	1.38	910	910
8	-	**Tronchetto di fondazione** Expendable foundation element Fundamentanker Elèment a sceller Tronco de foundacion				1.09	1.38	1.38	605	605
9	1	**Trave principale di base** Base main beam Haupttrager für Kreuzgelenk Poutre de chassis de base Viga principal de la base			-	-	-	-	-	-
					3,8x3,8 m	5,535	0,710	0,760	1460	1460
	2	**Semi-trave di base** Half base beam Haupttrager für Kreuzgelenk Semipoutre de chassis de base Mediaviga de la base			-	-	-	-	-	-
					3,8x3,8 m	2,620	0,590	0,770	940	1880
	2	**Bilancino di traslazione folle / motorizzato** Driven boige Fahrschemel ohne/mit motorantrieb Boggie fou/motorisee Eslinga de viajes motorizados/loco			B1	1.16	0.25	0.503	455	960
	2				B2	1.16	0.59	0.503	680	1360
10	24	**Blocco di zavorra** Base ballast block Grundballastblöcken (Z295) Lest de base Bloque de lastre				3.600	1.200	0.300	2950	70800
11	4	**Blocco di appoggio** Concrete pad Betonfuss (ZT 25) Sabot en béton Bloque de apoyo				3.000	0,600	0,600	2465	9860

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T.G.M. by Top Gru Machine srl **www.tgmgru.com**

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