GRU A TORRE

GHS 401

NUOVA SERIE TOPLESS!!!

GA

GA compact

GH city crane

GHS topless

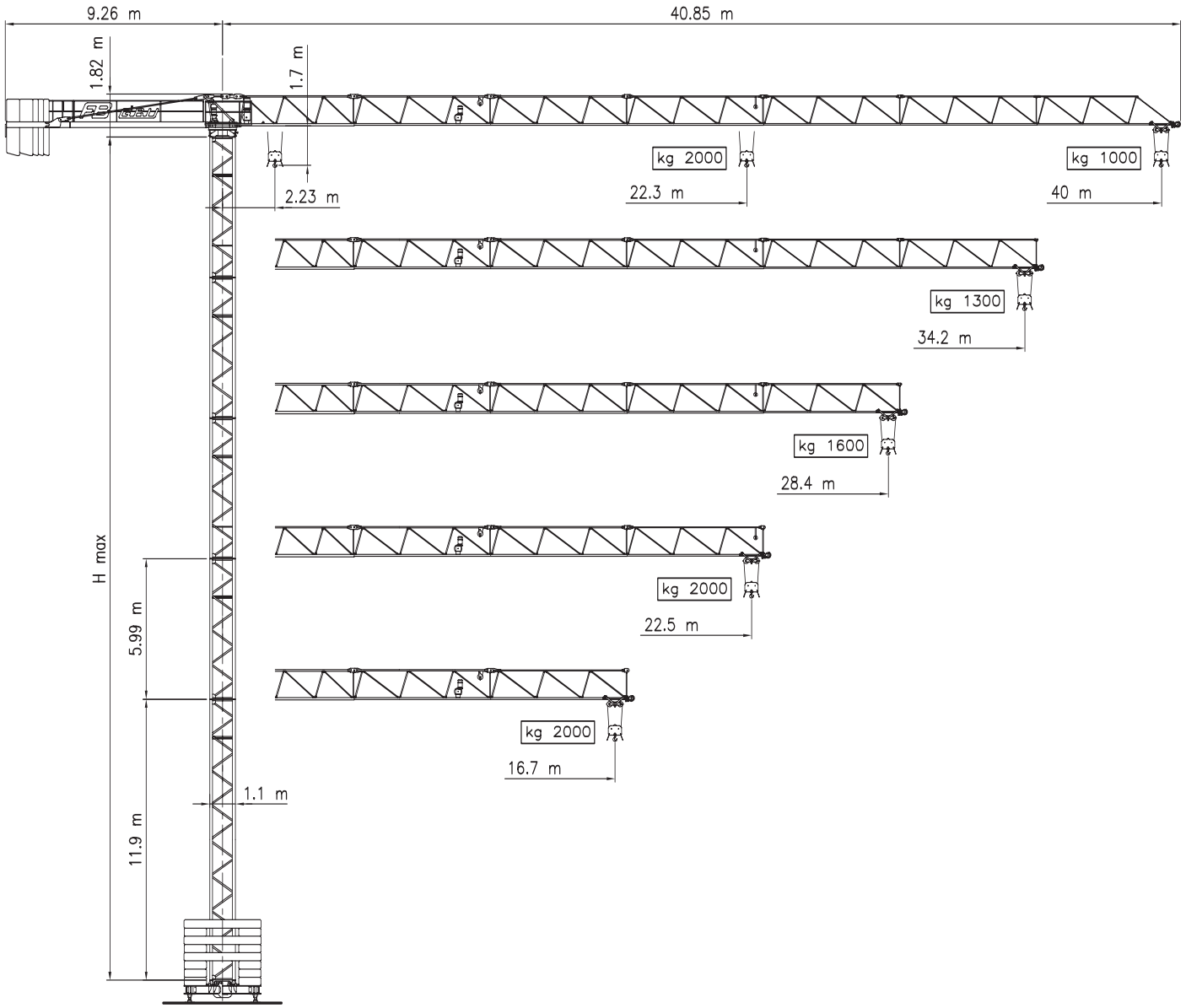


FB GRU®

FB F.lli Butti s.r.l.
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23868 Valmadrera (LC) - ITALIA
Tel. 0341.581108 - Fax 0341.200253
E-mail : fbgru@fbgru.it - http://www.fbgru.it

CE

GHS 401



CURVE DI CARICO

CURVAS DE CARGAS — LOAD DIAGRAMS
LASTKURVEN — COURBES DE CHARGES

m	16.7	22.3	22.5	23.2	24	25	26	27	28.4	30	31	32	33	34.2	35	36	37	38	39	40
kg		2000	1985	1919	1849	1768	1694	1624	1536	1444	1392	1343	1297	1245	1213	1174	1138	1103	1070	1000
				2000	1927	1843	1766	1694	1601	1507	1452	1401	1354	1300						
				2000	1926	1842	1764	1692	1600											
			2000																	
	2000																			

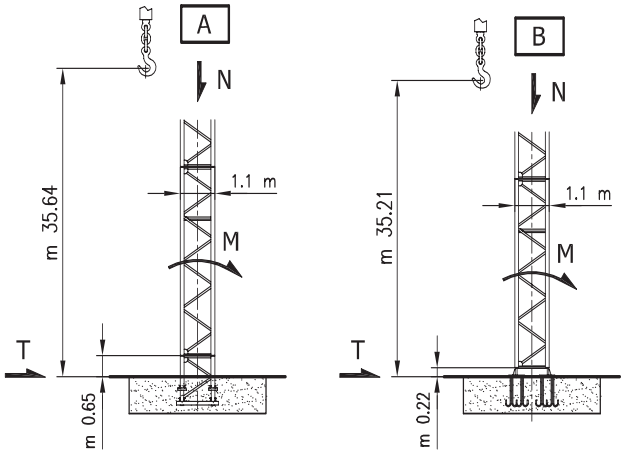
II (0 - 2000 kg)

HMAX/REAZIONI HMAX/REACCIONES — HMAX/REACTIONS HMAX/ECKDRUCKE — HMAX/RÉACTIONS

Torre da m 1.1 x 1.1

Mastil de m 1.1 x 1.1 — m 1.1 x 1.1 mast
m 1.1 x 1.1 maste — mat de m 1.1 x 1.1

	Altezza MAX. utile al gancio Altura MAX. bajo gancho MAX. height under hook MAX. hakenhöhe Hauteur MAX. grue

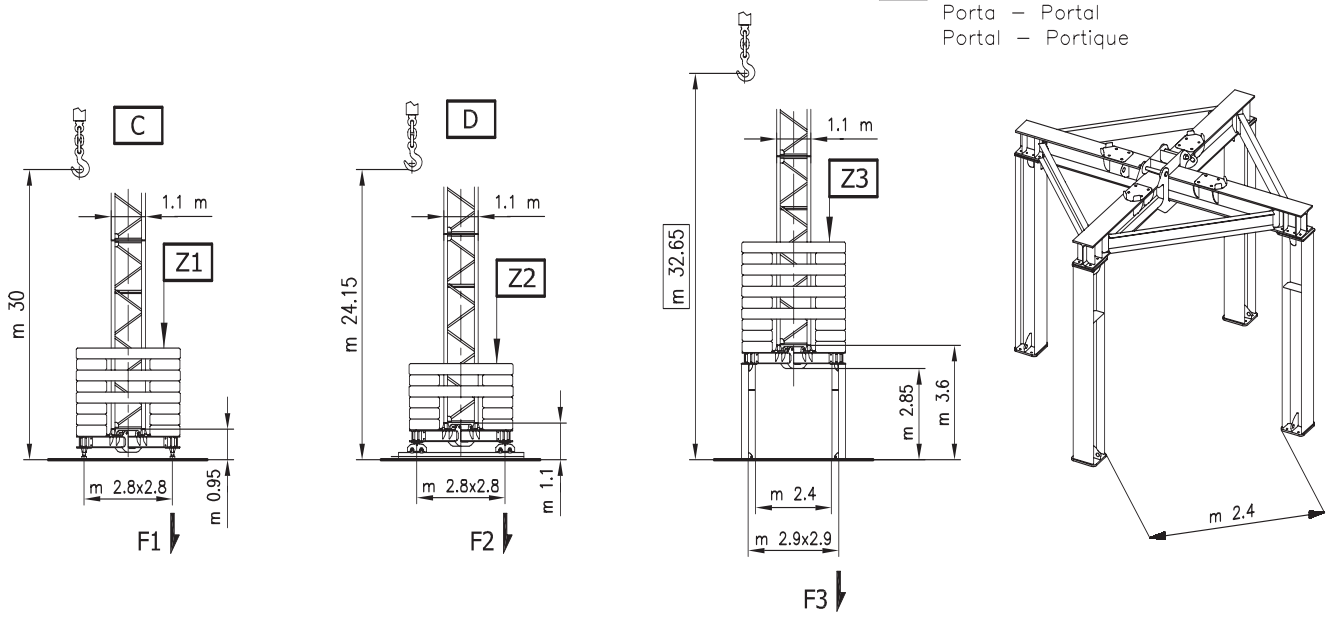


	A - B		
	N (kN)	T (kN)	M (kNm)
IN SERVIZIO EN SERVICIO — IN SERVICE IN BETRIEB — EN SERVICE	*205*	*12*	*607*
FUORI SERVIZIO FUERA DE SERVICIO — OUT OF SERVICE AUSSER BETRIEB — HORS SERVICE	*141*	*44*	*835*

Crociera di base da m 2.8 x 2.8

Cruz de base m 2.8 x 2.8 — m 2.8 x 2.8 cross base
m 2.8 x 2.8 fundament kreuz — m 2.8 x 2.8 chassis

E *Portale*
Porta — Portal
Portal — Portique



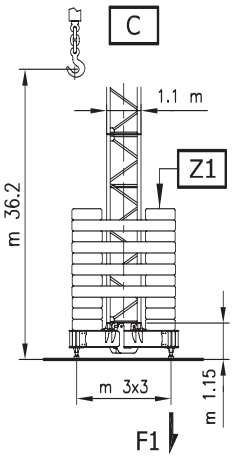
	C	D	E
	F1 (kN)	F2 (kN)	F3 (kN)
IN SERVIZIO EN SERVICIO — IN SERVICE IN BETRIEB — EN SERVICE	*288*	*251*	*329*
FUORI SERVIZIO FUERA DE SERVICIO — OUT OF SERVICE AUSSER BETRIEB — HORS SERVICE	*296*	*200*	*393*

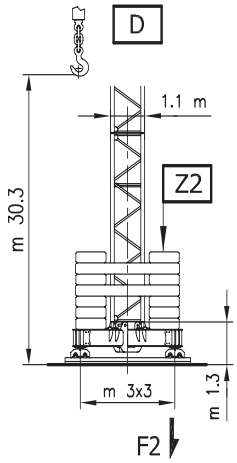
	C	D	E
	Z1 (kg)	Z2 (kg)	Z3 (kg)
ZAVORRA DI BASE LASTRE DE BASE CENTRAL BALLAST ZENTRAL BALLASTSTEIN LEST DE BASE	*40000* N°16 2500 kg	*30000* N°12 2500 kg	*50000* N°20 2500 kg

Crociera di base da m 3 x 3

Cruz de base m 3 x 3 — m 3 x 3 cross base
m 3 x 3 fundament kreuz — m 3 x 3 chassis

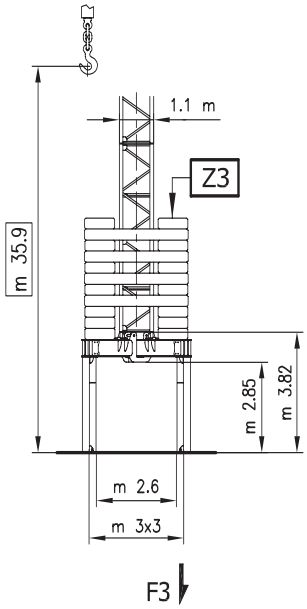
	Altezza MAX. utile al gancio Altura MAX. bajo gancho MAX. height under hook MAX. hakenhöhe Hauteur MAX. grue

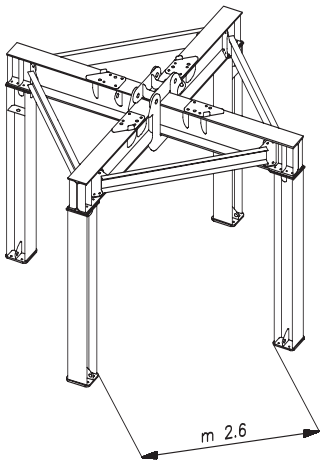




E Portale

Porta — Portal
Portal — Portique



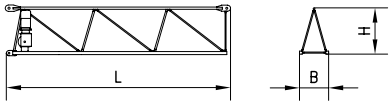
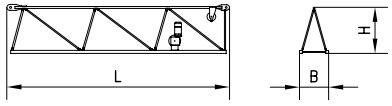
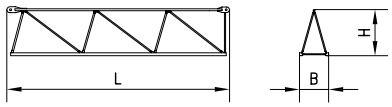
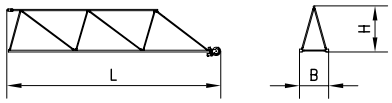
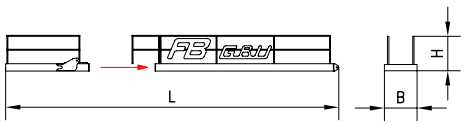
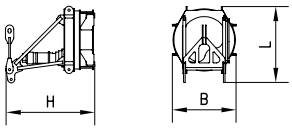
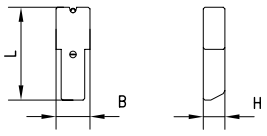
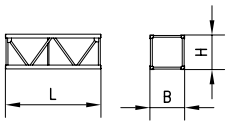
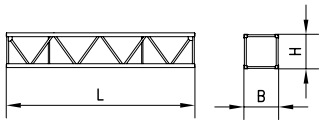
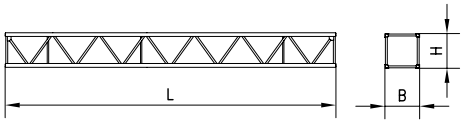
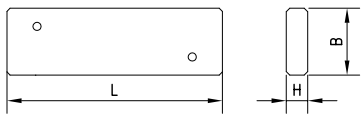
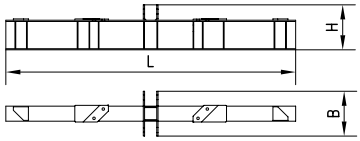


	C F1 (kN)	D F2 (kN)	E F3 (kN)
IN SERVIZIO EN SERVICIO — IN SERVICE IN BETRIEB — EN SERVICE	*337*	*287*	*342*
FUORI SERVIZIO FUERA DE SERVICIO — OUT OF SERVICE AUSSER BETRIEB — HORS SERVICE	*419*	*282*	*444*

	C Z1 (kg)	D Z2 (kg)	E Z3 (kg)
ZAVORRA DI BASE LASTRE DE BASE CENTRAL BALLAST ZENTRAL BALLASTSTEIN LEST DE BASE	*55000* N°22 2500 kg	*35000* N°14 2500 kg	*55000* N°22 2500 kg

DENOMINAZIONE

DENOMINACION – DENOMINATION
BENENNUNG – DÈNOMINATION

Pos. Pos. Item Pos. Rep.	Q.tà Cant. Qty. Anz. Qte.	DENOMINAZIONE Denominacion Denomination Benennung Dènomination		L	B	H	(kg)
				(m)			
1	1	*1° Elemento di braccio* 1° Tramo de flecha 1st Jib element Auslegerschuss 1 1 er element de flèche		5.23	0.8	1.43	775
2	1	*2° Elemento di braccio* 1° Tramo de flecha 1st Jib element Auslegerschuss 1 1 er element de flèche		6.03	0.8	1.33	585
3	1 1 1 1	*Elemento di braccio* Tramo de flecha Jib element Auslegerschuss Element de flèche		6.01 5.98 5.95 5.91	0.8 0.8 0.8 0.8	1.32 1.3 1.28 1.27	355 310 255 230
4	1	*Elemento di braccio* Tramo de flecha Jib element Auslegerschuss Element de flèche		5.90	0.8	1.25	185
5	1	*Controbraccio* Contraflecha Counter jib Gegenausleger Contre–flèche		8.7	0.85	1.15	1250
6	1	*Gruppo rotazione* Plataforma de giro Slewing platform Drehbuhne Porte–flèche tournant		1.55	1.3	1.82	1420
7	3 2	*Blocco di contrappeso* Lastre de contraflecha Counter jib blok Gegengewichtsballast Contrepoids		2.4 2.4	0.82 0.82	0.23 0.55	900 2150
8		*Elemento di torre* Mastil Tower element Turmschuss Mats		3.03	1.1	1.1	700
9		*Elemento di torre* Mastil Tower element Turmschuss Mats		5.99	1.1	1.1	1180
10		*Elemento di torre* Mastil Tower element Turmschuss Mats		11.9	1.1	1.1	2100
11		*Blocco zavorra di base* Lastre de base Base ballast blok Zentral ballaststein Lest de base		3.28	0.95	0.35	2500
12	2 2	*Crociera di base* Cruz de base Cruciform base Fundament kreuz Châssis de base	 2.8x2.8 3x3	4.34 4.62	0.66 0.78	0.54 0.73	2250 2950

MECCANISMI

MECANISMOS — MECHANISMS
ANTRIEBE — MÉCANISMES

MOVIMENTO MOVIMIENTO MOVEMENT BEWEGUNG MOUVEMENT	ALIMENTAZIONE ALIMENTACION OPERATING VOLTAGE BETRIEBSSPANNUNG TENSION DE SERVICE	PRESTAZIONI FUNCIONAMIENTOS PERFORMANCES LEISTUNGEN EXÉCUTIONS	POTENZA NECESSARIA POTENCIA NECESARIA POWER REQUIREMENT KRAFTE DARF PUISSANCE NÉCESSAIRE

		▷ m/1' - kg	▷▷ m/1' - kg	▷▷▷ m/1' - kg	
SOLLEVAMENTO ELEVACION — HOISTING HEBEN — LEVAGE INVERTER	400 V 50 Hz	5 ↓↑	26 ↑ / 27 ↓	40 ↑ / 42 ↓	kW 9.2
		2000	2000	1000	

		▷ m/1'	▷▷ m/1'	▷▷▷ m/1'	
CARRELLO CARRILLO — JIB TROLLEY LAUFKATZE — DISTRIBUTION INVERTER	400 V 50 Hz	16	28	42	kW 2.2

		▷ g/1'	▷▷ g/1'	▷▷▷ g/1'	
ROTAZIONE ROTACION — SLEWING DREHEN — ORIENTATION INVERTER	400 V 50 Hz	0 → 0.2	0.2 → 0.6	0.6 → 0.98	kW 4

			▷ m/1'	
TRASLAZIONE TRASLACIÒN — TRAVELLING SCHIENENFAHREN — TRANSLATION INVERTER	400 V 50 Hz	D (m 2.8x2.8) (m 3x3)	0 → 20	kW N° 2 x 3

Conforme alle direttive CEE sul livello acustico 2000/14/CE

Conforme con las directivas CEE sobre el nivel acustico

In compliance with the EEC instructions on noise levell

Gemass EWG–Richtlinien fur den Schall–Leistungspegel

Conforme aux directives CEE sur le niveau acoustique

POTENZA RICHIESTA

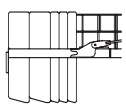
POTENCIA-ELECTRICA NECESARIA — NECESSARY ELECTRIC POWER
KRAFTBEDARF — PUISSANCE ELECTRIQUE NECESSAIRE

ALIMENTAZIONE TRIFASE TRIFASICA — THREE PHASE DREIPHASIGE — TRIPHASE	15 kw	400 V - 50 Hz	SOLLEVAMENTO ELEVACION — HOISTING HEBEN — LEVAGE	kg 2000

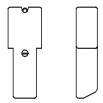
Gru senza traslazione — Grúa sin traslaciòn — Crane without travelling equipment — Krane ohne schienenfahren — Grue sans translation

ZAVORRA DI CONTROBRACCIO

LASTRE DE CONTRA FLECHA — COUNTER JIB BALLAST
GEGENAUSLEGERBALLAST — LEST DE CONTRE-FLÈCHE



BRACCIO (m) FLECHA — JIB AUSLEGER — FLECHE	40	34.2	28.4	22.5	16.7
ZAVORRA (kg) LASTRE — BALLAST BALLAST — LEST	7000	6100	5200	4300	2700



TIPO TIPO — TYPE ART — TYPE	A	B
PESO (kg) PESO — WEIGHT GEWICHT — POIDS	2150	900

Con riserva di modifiche — Derecho de modificaciones reservadas — Subject to change without notice — Anderungen vorbehalten — Modifications réservées