



FANTEK
Ferros y Aluminio Navarro

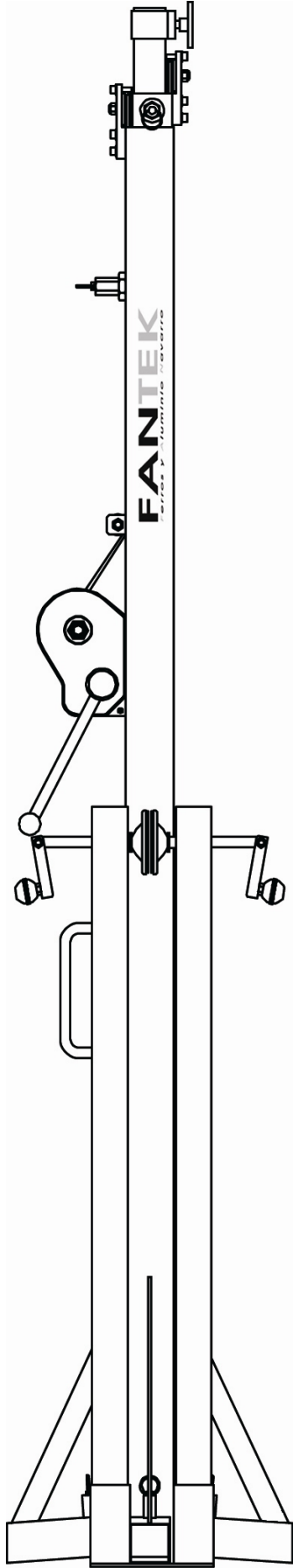
T-102

(E) TORRE ELEVADORA
MANUAL DE INSTRUCCIONES

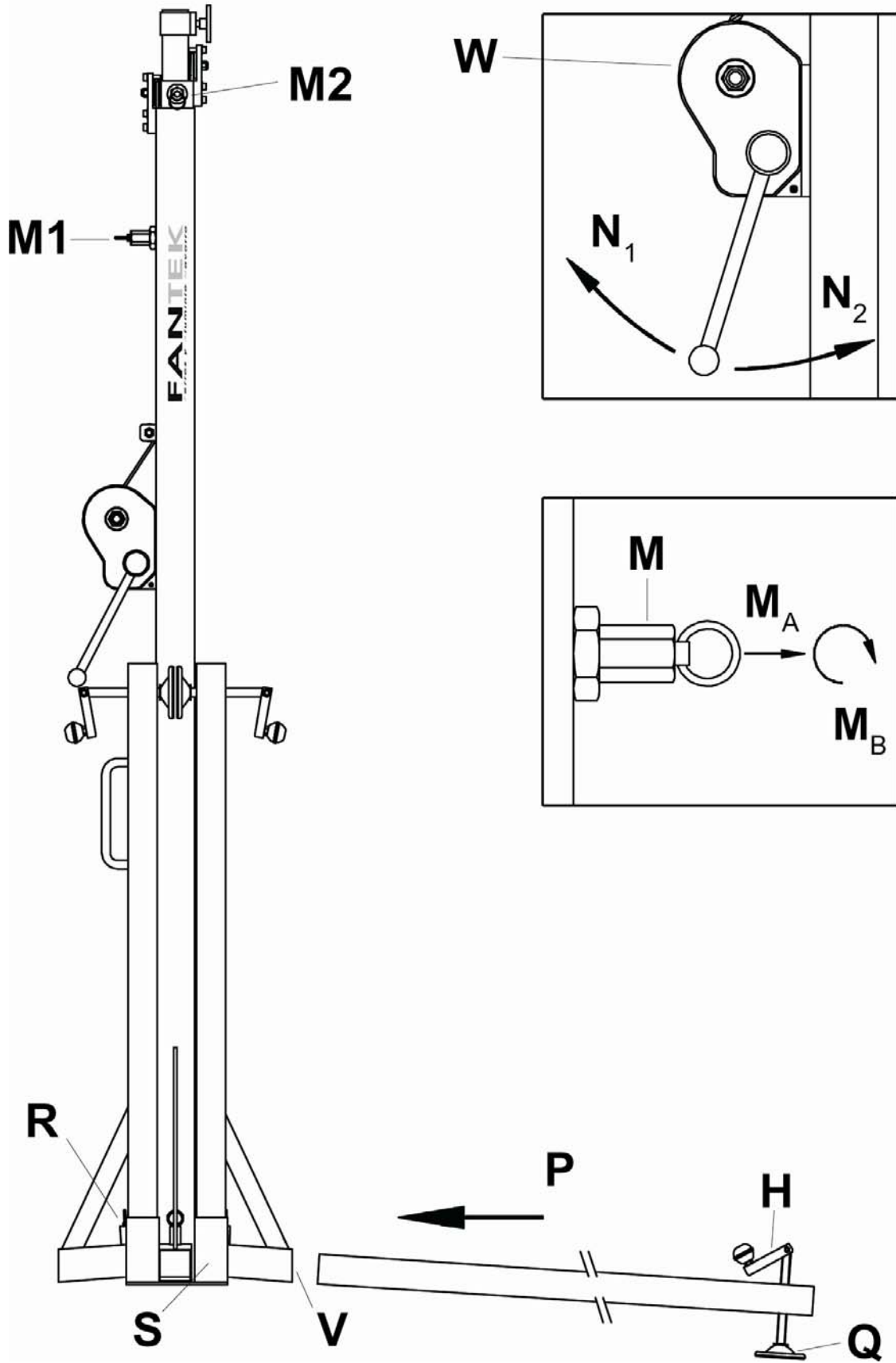
(GB) ELEVATOR TOWER
OPERATING INSTRUCTIONS

(D) TRAVERSENLIFT
BEDIENUNGSANLEITUNG

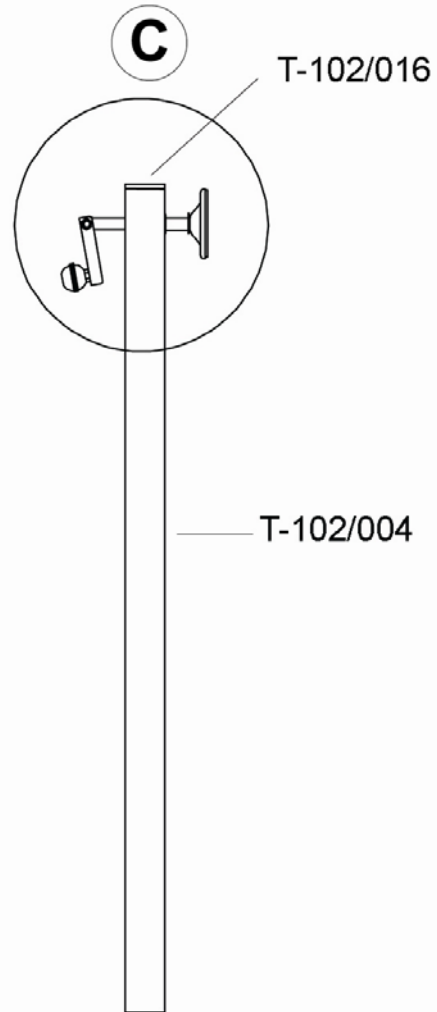
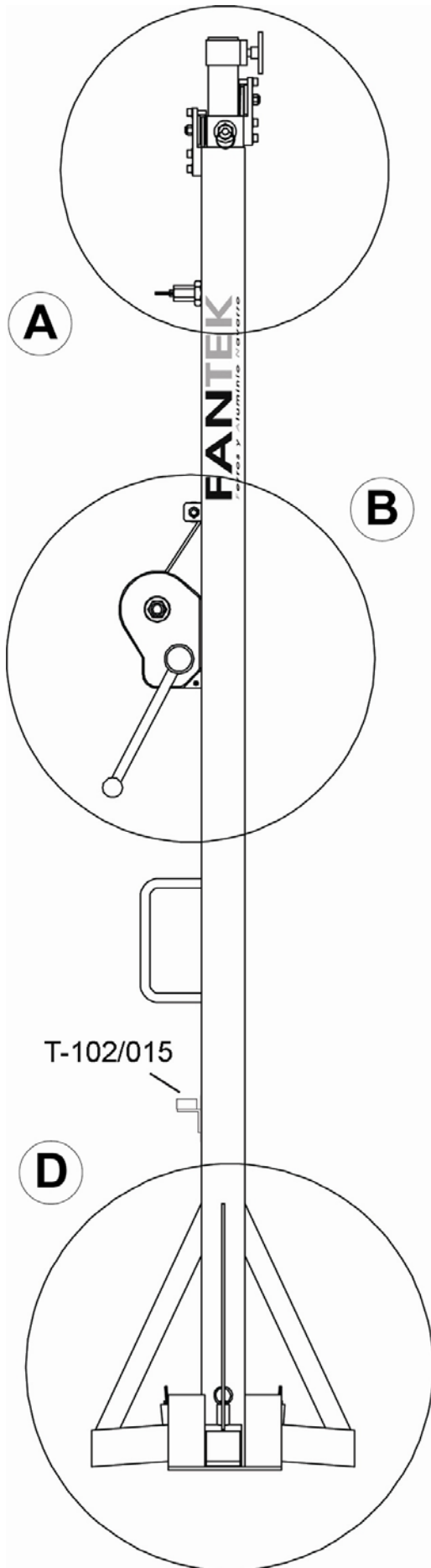
(F) PIED ÉLÉVATEUR
MODE D'EMPLOI



T-102



T-102



T-102

B

B-1

T-102/005

T-102/006

B-1

T-102/013

T-102/012

T-102/005

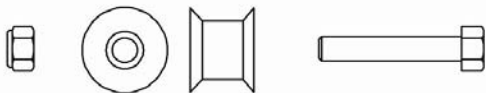
T-102/010.1

T-102/010.3

T-102/013

T-102/012

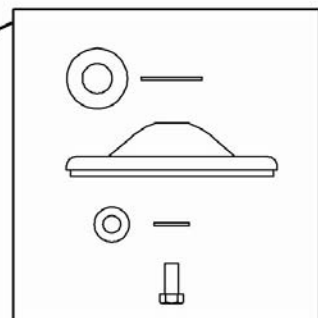
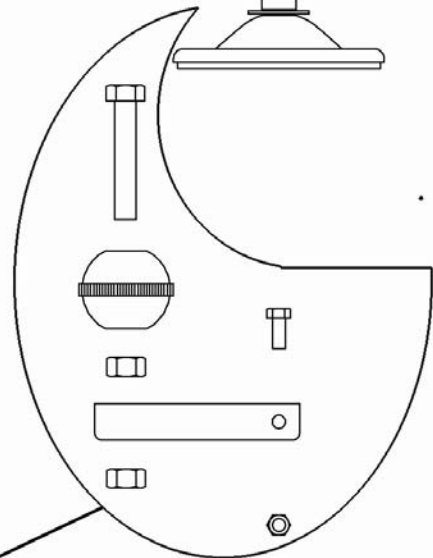
T-102/013



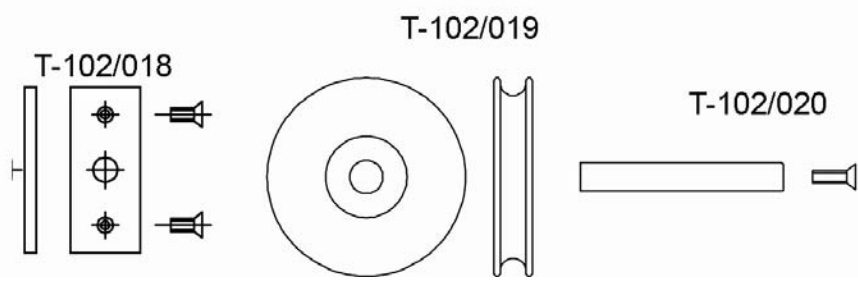
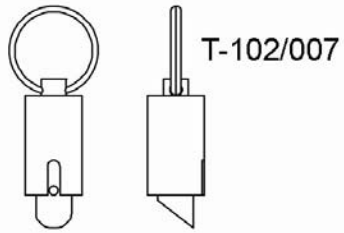
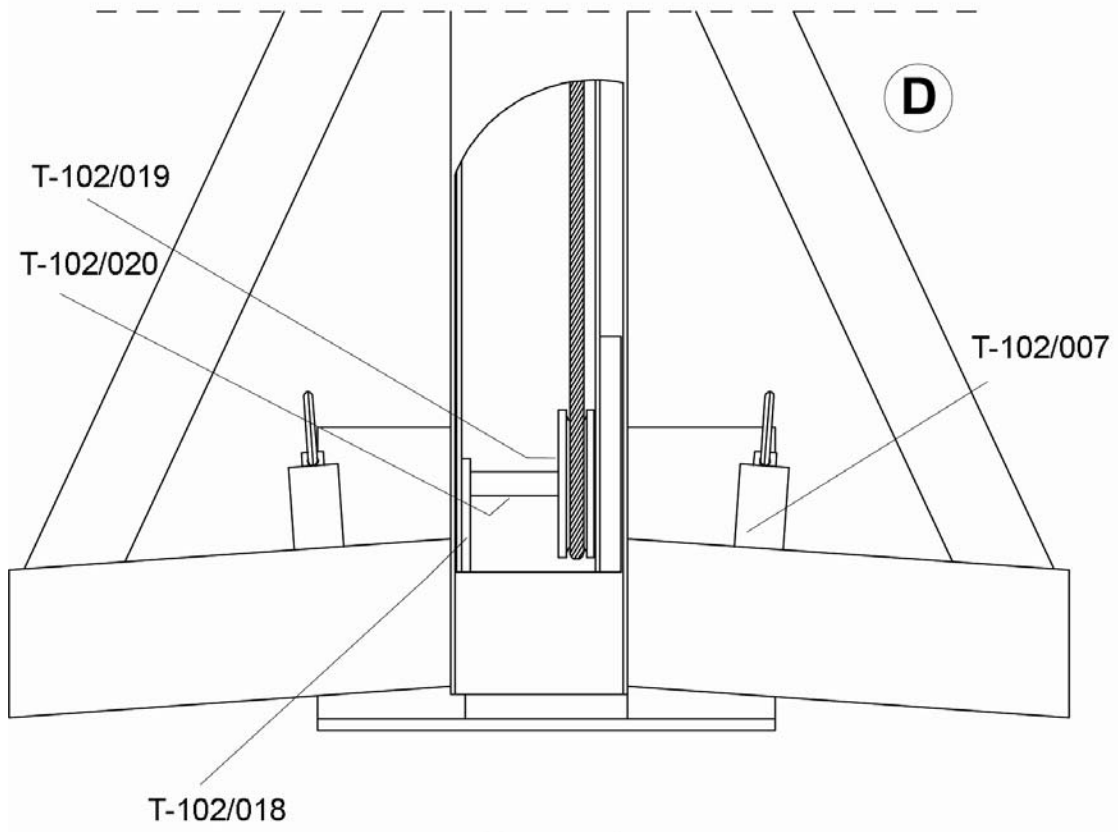
C

T-102/010

T-102/010.2



T-102



1.- Introduction.

Dear customer, in order to make reliable operating with our T-102 lifting tower we've edited this operating manual. Please read it carefully before starts using the tower.

All our products have been submitted to more stringent proofs and controls during the manufacturing process.

In order to maintain the guarantee of function and safety, original parts of the manufacturer's design must be used. The guarantee will be unabled if parts different than the manufacturer ones are used to repair or modify the product in any other way.

We reserve the right to modify design and performance without prior notice when contacting us with queries or ordering spare parts. In these cases we need the model type, year of manufacture, and serial number.

2.- Technical Information.

Lifting tower T-102. This tower is designed to lift loads vertically up to different heights as a support of lighting sets.

2.1.- Max. load: 100 kg.

2.2.- Min. load: 25 kg.

2.3.- Max. height: 5 m.

2.4.- Min. height: 1,9 m

2.5.- Base area: 2 x 2 m

2.6.- Folded base area: 0,30 x 0,30 m.

2.7.- Weight: 32 kg.

2.8.- Winch: 350 kg. maximum load winch with automatic brake to stop the load. Certified in Düsseldorf according to DIN 15020 and VBG 8, with the number 93309.

2.9.- Cable: Steel DIN 3060. Quality 160 kg/mm². Twisting – resistant. 4 mm. cable diameter

2.10.- Three telescopic profiles system operated by steel cable and guided by channelled steel pulleys with ball bearings.

2.11.- Construction material: Steel profiles DIN 2394.

2.12.- Profiles fixing to the desired height by safety steel ACC/12.

2.13.- Adjustable stabilizing disc feet in the legs with rubber non slip supports.

2.14.- Anchor of the legs by safety catches.

2.15.- Antirust protection and electrolitic cadmiated.

2.16.- Bubble level to adjust the tower verticality.

3.- Safety precautions.

3.1.- Place the tower only on solid and levelled surfaces.

3.2.- Verify that the legs are correctly inserted and fastened.

3.3.- Verify that the tower is in a vertical position by means of the spirit level (F) placed in the base. Adjust, if necessary, with the disc feet supports (Q), rotating the hand crank (H).

3.4.- Verify that the tower is in a vertical position and is blocked in the working position by means of the safety catches (M1,M2).

3.5.- If you use the tower open air, you have to place it on a secure surface and protect the tower against the wind.

3.6.- Do not use stairways neither over the tower nor leaned in it.

3.7.- Be careful with cables, prominent objects, etc. placed above the tower.

3.8.- Do not stay under the load.

3.9.- Do not move the tower when it is lifted with load.

3.10.- Before you use the tower the first time verify the cable, this must be free of cuts and fraying. Do not use inappropriate cables.

3.11.- Never dismount the winch hand crank (W) if the tower is loaded.

3.12 The minimum load required for a perfect braking function is 25 kg. The brake will not function without this minimum load.

3.13.- Do not apply oil or grease to the winch brake mechanism.

3.14.- Not approved to lift people.

3.15.- For the transport, download all the sections and blockade them with their safety catches.

4.- Operating.

4.1.- In order to place the tower in their working position, put the tower on a hard and levelled surface.

4.2.- Get on the legs (P) of their support for the transport (S) and insert them in their working lodging (V) verifying that they are tightly fastened by the safety catches (R).

4.3.- Adjust the vertical position of the tower by means of the disc feet supports (Q) rotating the hand crank (H) in the necessary direction to manage the spirit bubble (F) to the centre.

4.4.- Put the load on the top of the tower using the suitable support, in order to make work the weight only in the vertical direction. The minimum load must be 25 kg.

4.5.- Elevation:

Lift the blockade on the safety match (M1) and elevate the tower rotating the hand crank of the winch (W) in a clockwise (N_1), lifting the load and getting completely out the first profile.

4.6.- Stopping:

Release the winch hand crank (W), it will keep that position by means of the automatic brake activated by the load. Blockade this first profile with the safety catch (M1) fixing it to the second profile.

4.7.- Continue lifting:

Rotate again the winch hand crank (W) in a clockwise, lifting the load until the second profile gets completely out. Release the hand crank, which will be fixed by the automatic brake, and blockade the second and third profiles, with the safety catch (M2).

The descent can be left in any intermediate desired position, simply releasing the hand crank and insuring the tower with the safety catch corresponding to the nearest hole to the desired position.

4.8.- Descending:

The load descending is obtained by the opposite way. Lift the blockade on the safety catch (M1) and rotate the winch hand crank in a counterclockwise (N_2) lowering the load until the second profile gets completely folded. Lift the blockade on the safety catch (M1) and continue lowering the load until the tower gets completely folded down to its minimum height.

The tower can be left in any intermediate needed position as in lifting.

4.9.- For the tower transport is necessary to fold the tower lowering completely all the profiles, blocking them with the safety catches (M1,M2). Get out the legs lifting the blockade on the catches and put them in their transport lodging (S). Press the fastening screw (J).

5.- Maintenance.

5.1.- The cables get spoiled, because of this all cables have to be regularly checked. Faulty cables must be replaced immediately. Do not use the lifting tower with faulty cables. It is dangerous.

Only use cables DIN 3060.

5.2.- The lifting tower has been lubricated in the manufacturing process. It is nevertheless recommended apply oil regularly to the crown gear of the winch, the bearing of the drive shaft, to the hub, the screw of the handle and the profiles of the tower.

ATTENTION:

Do not apply oil or grease to the brake mechanism.

The brake discs have been pregreased with an special warmth and pressure resistant grease. Do not use other greases or this will affect to the winch brake performance.

5.3.- The lifting tower T-102 must be inspected by specialized technicians annually at least.

5.4.- In order to maintain this guarantee of function and safety, only spare parts of the manufacturer's design must be used.

The user forfeits all rights to claim if parts other than those of the manufacturer are used or modifies the product in any other way.

5.5.- When any spare part is required, it is necessary to indicate its reference number included in the spare parts of this manual.

REF	DESCRIPCION/DESCRIPTION	MATERIAL
T-102/001	Tramo base / Base profile	Acero / Steel
T-102/002	Tramo 1 / Profile 1	Acero / Steel
T-102/003	Tramo 2 / Profile 2	Acero / Steel
T-102/004	Pata / Spade	Acero / Steel
T-102/005	Cable acero / Steel cable	Acero / Steel
T-102/006	Cabrestante / Winch	Acero / Steel
T-102/007	Gatillo retén patas / Trigger leg	Acero / Steel
T-102/008	Roldana de acero / Steel sheave	Acero / Steel
T-102/009	Tornillo métrica 10 / screw 10mm	Acero / Steel
T-102/010	Estabilizador completo / Complet stabilizer	Acero / Steel
T-102/010.1	Maneta estabilizadora / Stabilizer handle	Acero / Steel
T-102/010.2	Perno roscado / Screwed bolt	Acero / Steel
T-102/010.3	Plato estabilizador / Stabilizer plate	Acero-Caucho / Steel-Caoutchouc
T-102/011	Pletina acero / Steel platen	Acero / Steel
T-102/012	Roldana de acero / Steel sheave	Acero / Steel
T-102/013	Tornillo M-10 + Tuerca M-10 / Screw M-10 + Nut M-10	Acero / Steel
T-102/014	Tornillo + Arandela M-6 / Screw + Washer M-6	Acero / Steel
T-102/015	Nivel burbuja/Bubble level	Plástico / Plastic
T-102/016	Tapón plástico pata / Plastic cap	Plástico / Plastic
T-102/017	Tornillo Contera/Chape screw	Acero / Steel
T-102/018	Pletina acero / Steel platen	Acero / Steel
T-102/019	Roldana de acero/Steel platen	Acero / Steel
T-102/020	Eje de acero/Steel axle	Acero / Steel
ACC/4	Portapolea pequeño / Small pulley carrier	Acero / Steel
ACC/6	Contera pequeña / small tip	Acero / Steel
ACC/12	Mosquetón hexagonal / Hexagonal carbine	Latón / Brass

FANTEK
Cami del port 3
Polig. Ind. El Boni

E-46470 Catarroja (Valencia)
España

TEST CERTIFICATE

079/2005

TYPE OF EQUIPMENT: Truss-Lift for Truss-Systems

TYPE DESIGNATION: T-102

DESCRIPTION: Truss-Lift shared in 3 parts
Min. Height: 1,90 m
Max. Height: 5,00 m
Min. Load: 25 kg (250 N)
Max. Load: 100 kg (1.000 N)

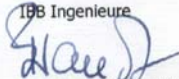
TEST DOCUMENTS: BGV C1 (GUV-VC1) / BGG 912 (GUV-G912)

DATE OF PROVEMENT: 04 April 2005

TEST RESULTS: The described Truss-Lift meets all the requirements specified in the German BGV C1 (GUV-VC1).

PERIOD OF VALIDITY: 31 December 2010

Mülheim/Ruhr, 05 April 2005

IBB Ingenieure

Dipl.-Ing. univ. Olaf Brandt
Ermächtigungs-Nr.: 00-008-B1B2B3B4



Dipl.-Ing. univ.
Olaf Brandt
Nollendorfstraße 18
45472 Mülheim an der Ruhr
fon 0208/377 98 84 fax 377 88 85

