



FANTEK
Ferros y Aluminio Navarro

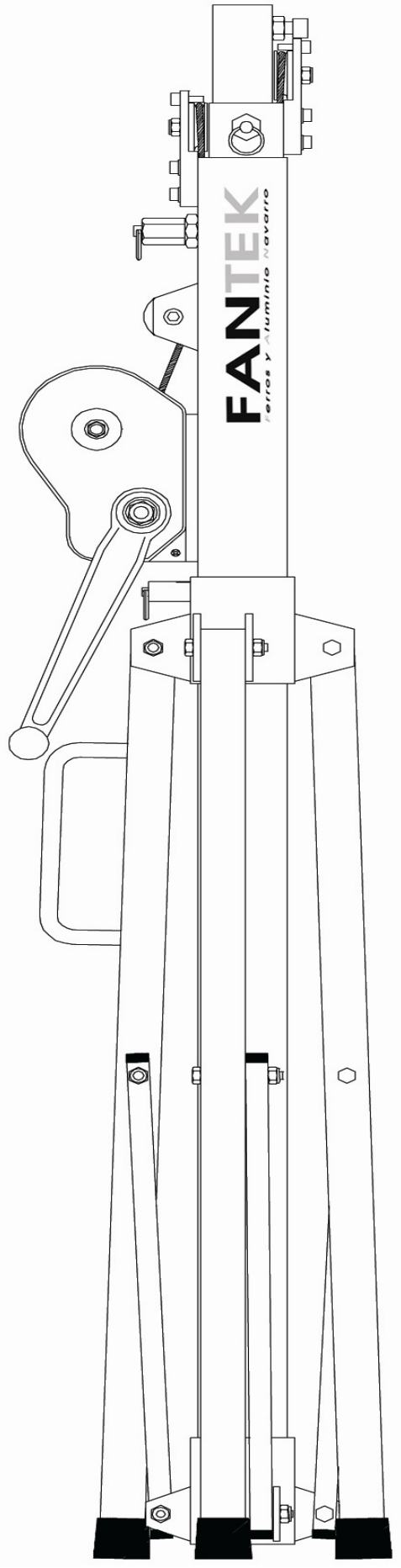
T-101

(E) TORRE ELEVADORA
MANUAL DE INSTRUCCIONES

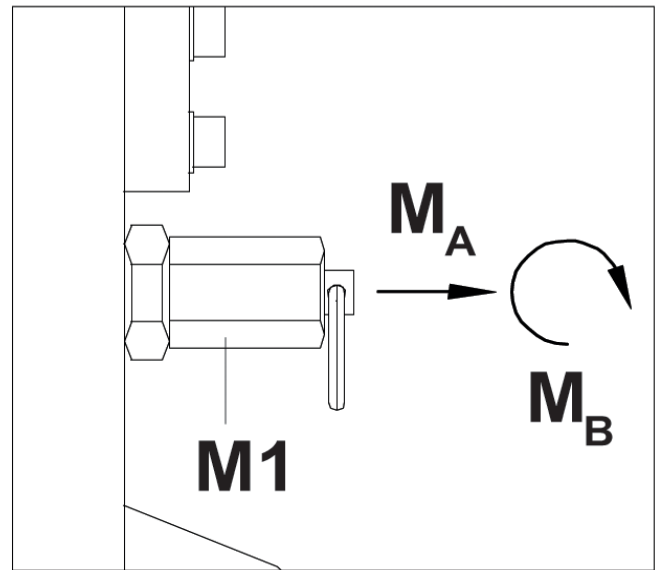
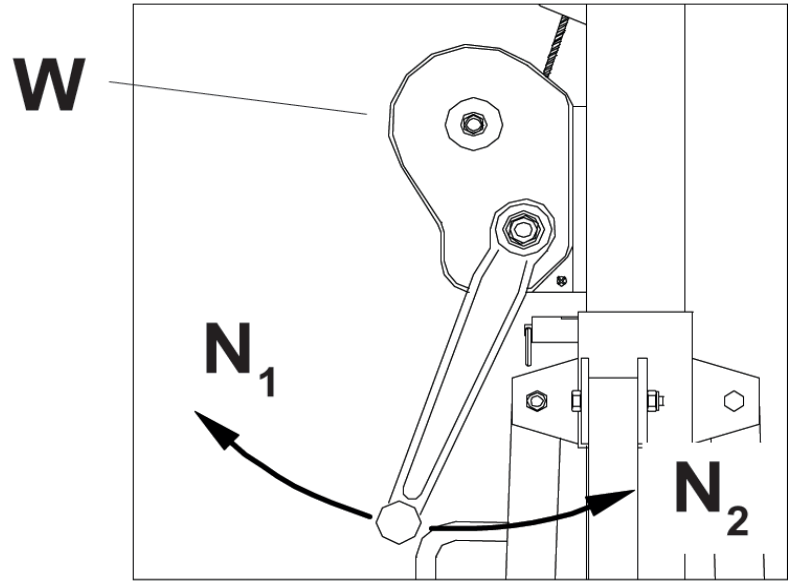
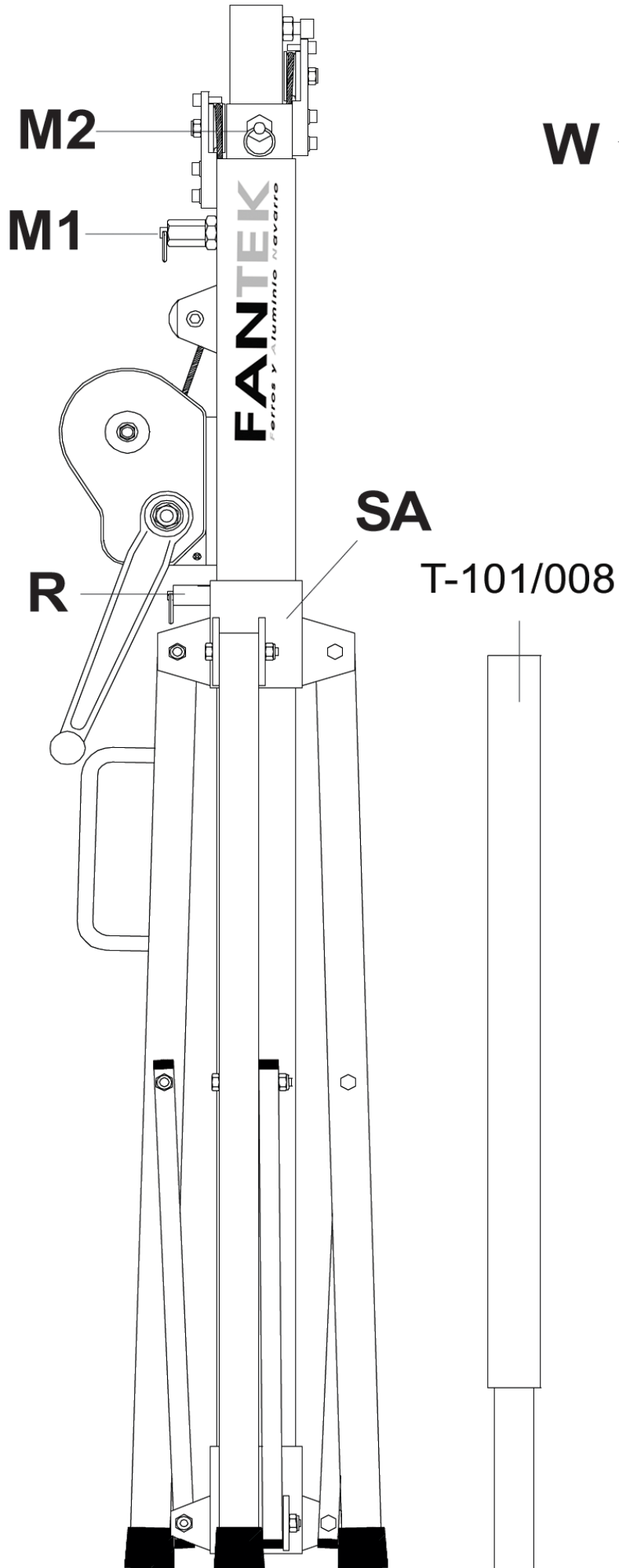
(GB) ELEVATOR TOWER
OPERATING INSTRUCTIONS

(D) TRAVERSENLIFT
BEDIENUNGSANLEITUNG

(F) PIED ÉLÉVATEUR
MODE D'EMPLOI

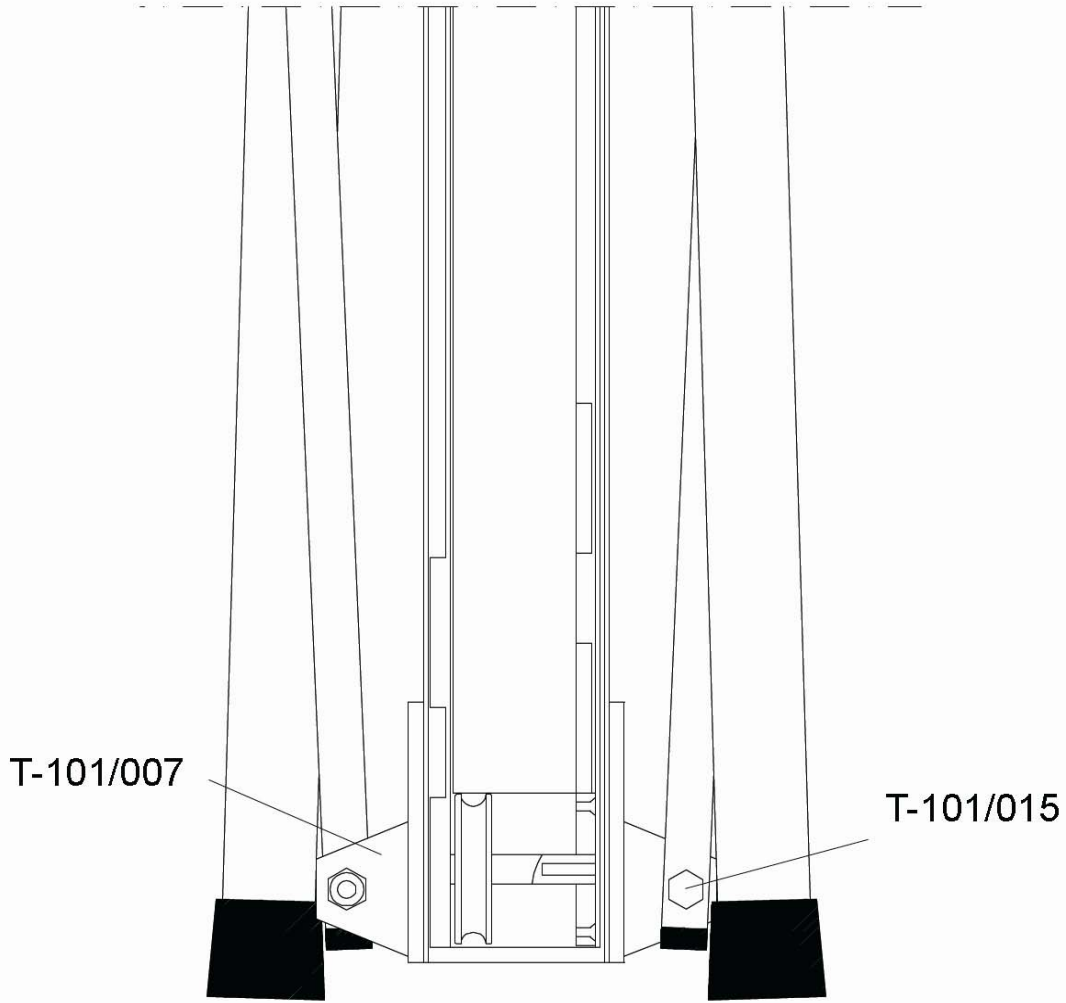


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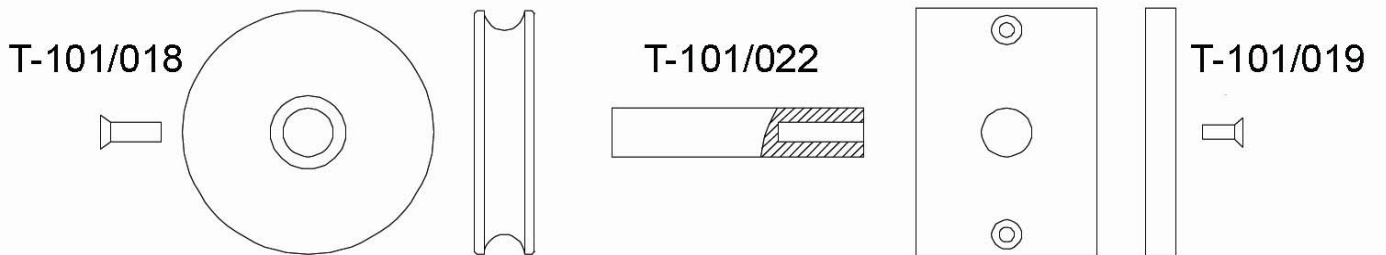
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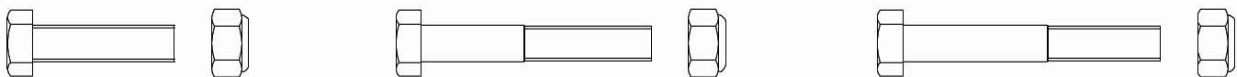
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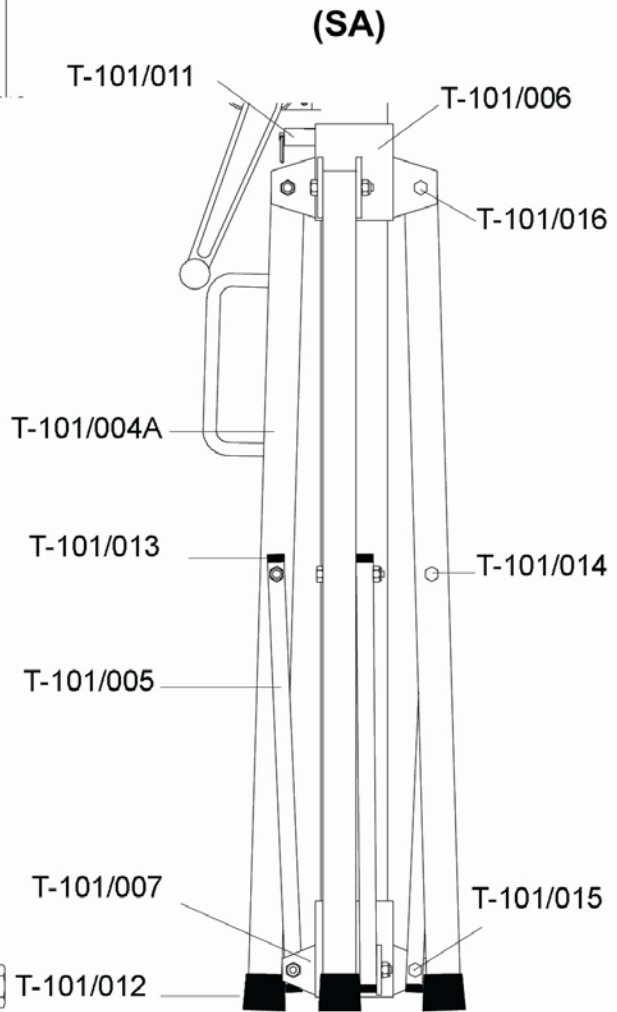
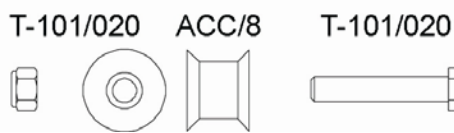
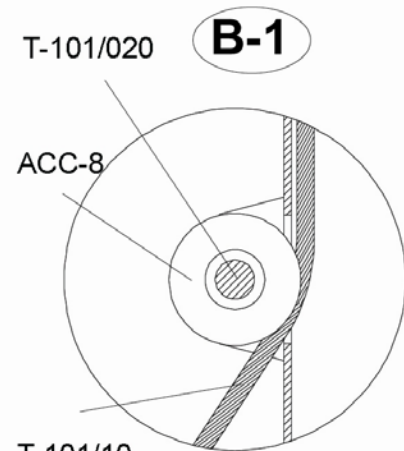
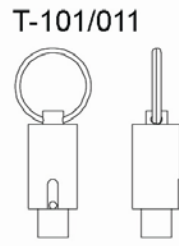
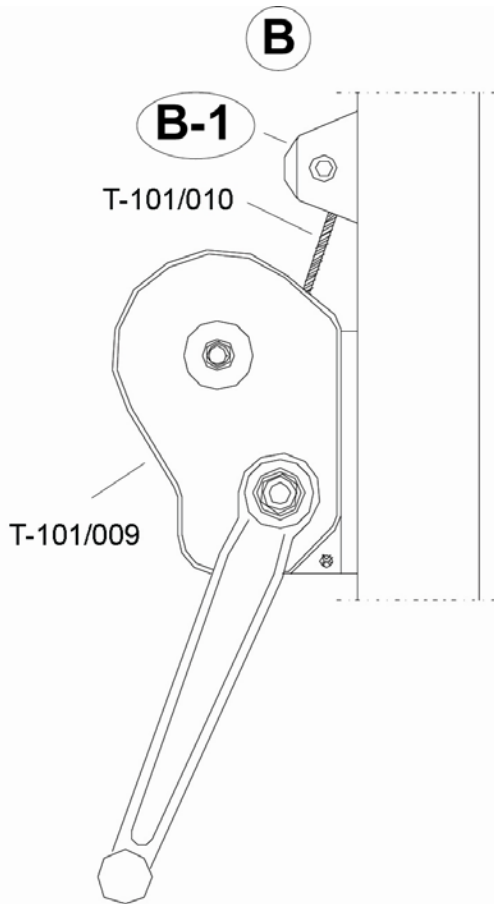
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T-101/016

T-101/014

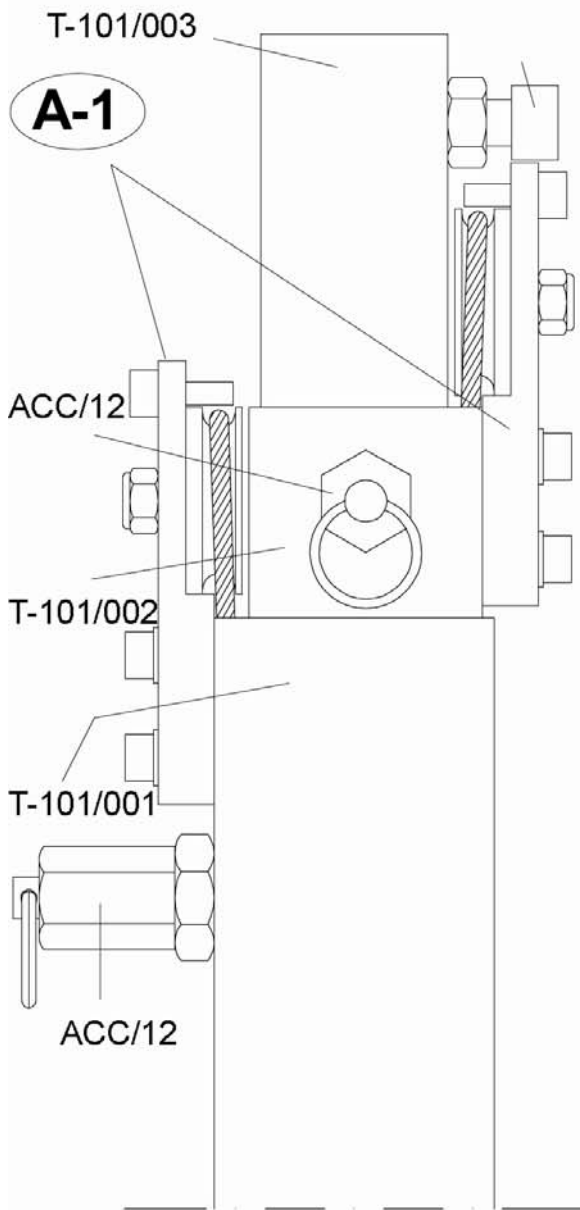


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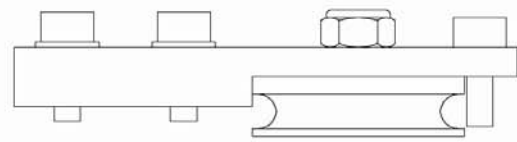


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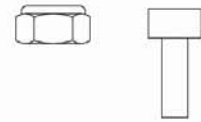
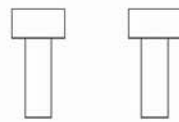


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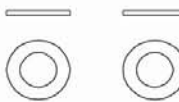


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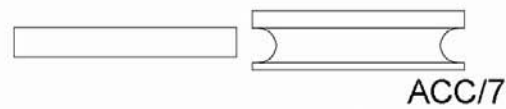
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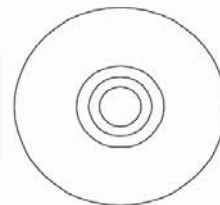
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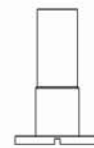
ACC/4



T-101/026

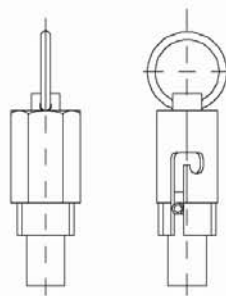


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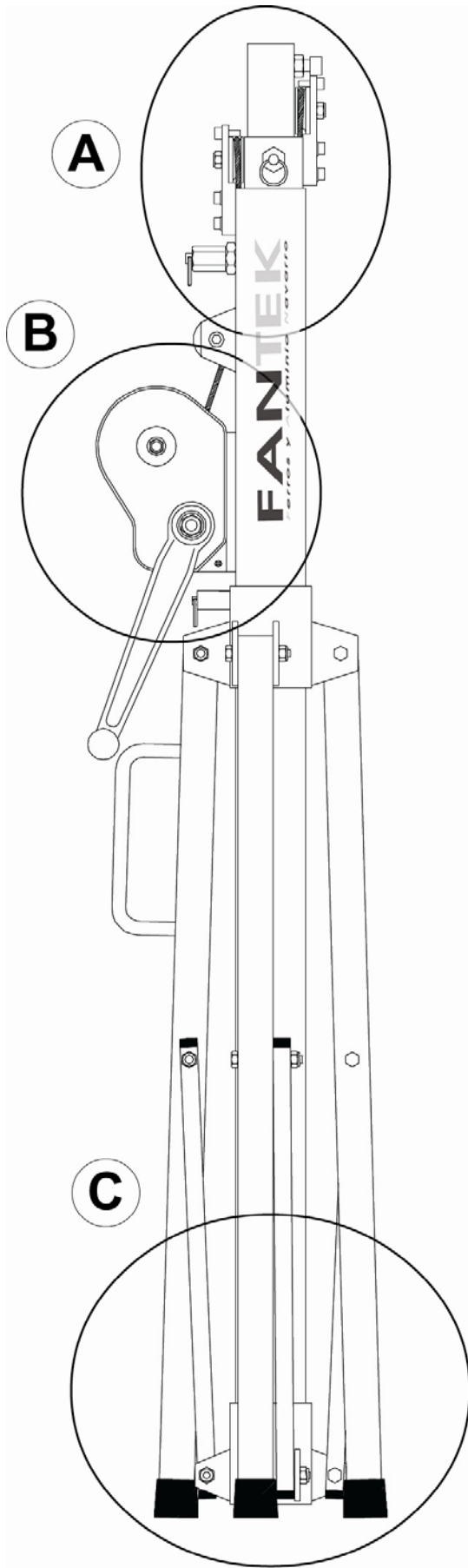


ACC/12

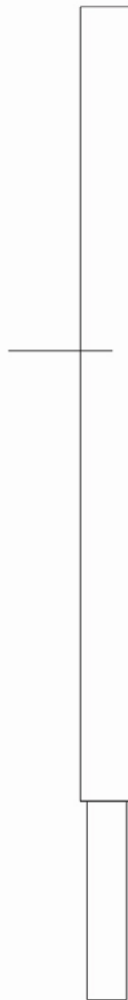
T-101/027



T-101



T-101/008



1.- Introduction.

Dear customer, in order to make reliable operating with our T-101 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-101. 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: 3,2 m.
With extension 3,8 m.

2.4.- Min. height: 1,26 m

2.5.- Base area: 1,53 x 1,53

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

2.7.- Weight : 17,5 Kg.

2.8.- Winch: 350 kg. maximum load 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 160kg/mm². Twisting - resistant. 4 mm. cable diameter

2.10.- Two 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.- Profile tower fastening to the work in height through the steel ball ACC/12.

2.13.- Legs with nonslip synthetic rubber mounting plates.

2.14.- Support system (SA) fixation with safety catch pawl.

2.15.- Antirust protection and electrolytic cadmiated.

3.- Safety precautions.

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

3.2.- Check that the support system (SA) is fixed by the safety catch pawl (R) and verify the tower is in vertical position

3.3.- Check that the tower is blocked in the working position by means of the safety catch (M1,M2).

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

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

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

3.7.- Do not stay under the load.

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

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

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

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

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

3.13.- Not approved to lift people.

3.14.- 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.- Remove the safety catch pawl (R) from the support system (SA). Descend the support system (SA) until you fix the safety catch pawl (R) in the required position.

4.3.- Put the load on the top using the suitable support, only in order to use the tower vertically. The minimum load must be 25 kg.

4.4.- 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.

4.5.- 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.

4.6.- Continue lifting:

Rotate again the winch hand crank (W) in a clock wise, lifting the load until to get out completely the second profile. 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 tower 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.

4.7.- Descending:

The load descending is obtained by the opposite way. Lift the blockade on the safety catch (M2) 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.

4.8.- For the tower transport is necessary to fold the tower lowering completely all the profiles, blockading them with the safety catch (M1,M2). Close the support system (SA) and then fix the safety catch pawl (R).

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, to 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-101 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 t al.

REF	DESCRIPCION/DESCRIPTION	MATERIAL	ACABADO / FINISHED
T-101/001	Tramo base / Base profile	Acero / Steel	Negro / Black
T-101/002	Tramo 1 / Profile 1	Acero / Steel	Negro / Black
T-101/003	Tramo 2 / Profile 2	Acero / Steel	Negro / Black
T-101/004	Pata sin asa / Leg without handle	Acero / Steel	Negro / Black
T-101/004A	Pata con asa / Leg with handle	Acero / Steel	Negro / Black
T-101/005	Tirante patas / Brace leg	Acero / Steel	Negro / Black
T-101/006	Soporte deslizante patas / Support sliding leg	Acero / Steel	Negro / Black
T-101/007	Soporte tirantes / Support brace leg	Acero / Steel	Negro / Black
T-101/008	Extension para T-101 / Extension for T-101	Acero / Steel	Negro / Black
ACC/008	Roldana de acero / Steel sheave	Acero / Steel	Zincado / Zinced
T-101/009	Cabrestante / Winch	Acero / Steel	Latón / Brass
T-101/010	Cable acero / Steel cable	Acero / Steel	Galvanizado / Galvanized
T-101/011	Gatillo redondo patas / Trigger of legs	Acero / Steel	Zincado / Zinced
T-101/012	Tapón plástico patas / Plastic cap	Plástico / Plastic	Negro / Black
T-101/013	Tapón tirante pata / Brace leg cover	Plástico / Plastic	Negro / Black
T-101/014	Tornillo pata + Tirante M-8x55 + Tuerca / Leg screw + braces M-8x55+Nut	Acero / Steel	Zincado / Zinced
T-101/015	Tornillo tirante M-8x30 / Brace screw 8x30	Acero / Steel	Zincado / Zinced
T-101/016	Tornillo patas M-8x50 + Tuerca / M-8x50 + Nut	Acero / Steel	Zincado / Zinced
T-101/017	Tornillo M-6 + Arandela / Screw M-6 + Washer	Acero / Steel	Zincado / Zinced
T-101/018	Tornillo M-4 / Screw M-4	Acero / Steel	Zincado / Zinced
T-101/019	Tornillo M-5 / Screw M-5	Acero / Steel	Zincado / Zinced
T-101/020	Tornillo M-12 + Tuerca / Screw M-12 + Nut	Acero / Steel	Zincado / Zinced
T-101/021	Pletina de acero / Steel platen	Acero / Steel	Zincado / Zinced
T-101/022	Eje de acero roldana inferior / Steel axis inferior sheave	Acero / Steel	Zincado / Zinced
T-101/023	Roldana de acero inferior / Inferior steel sheave	Acero / Steel	Zincado / Zinced
T-101/024	Perno roscado M-8 / Screwed bolt M-8	Acero / Steel	Zincado / Zinced
T-101/025	Tuerca M-8 / Nut M-8	Acero / Steel	Zincado / Zinced
T-101/026	Pletina de acero / Steel platen	Acero / Steel	Zincado / Zinced
T-101/027	Tornillo M-10 / Screw M-10	Acero / Steel	Zincado / Zinced
ACC/4	Pletina de acero / Steel platen	Acero / Steel	Negro / Black
ACC/7	Roldana de acero / Steel sheave	Acero / Steel	Zincado / Zinced
ACC/12	Gatillo seguridad / Security catch	Acero / Steel	Rojo/Red

FANTEK
Cami del port 3
Polig. Ind. El Boni

E-46470 Catarroja (Valencia)

España

TEST CERTIFICATE

078/2005

TYPE OF EQUIPMENT:	Truss-Lift for Truss-Systems
TYPE DESIGNATION:	T-101
DESCRIPTION:	Truss-Lift shared in 3 parts Weight: 21 kg (210 N) Min. Height: 1,26 m Max. Height: 3,80 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 PROEVEMENT:	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


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Ermächtigungs-Nr.: 00-008-81028384



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