



USER MANUAL

TORO RANGE D

MATERIAL LIFTERS

TORO D-405/C

TORO D-403/C

TORO D-402/C

ENGLISH

GUIL - ENGINEERING FOR LIFTING LOADS

INDEX

INTRODUCTION	19
OWNER AND USER’S OBLIGATIONS.....	20
SAFETY RECOMMENDATIONS	20
SET-UP AND WORKING AREA SAFETY.....	20
LIFTER USE SAFETY INSTRUCTIONS.....	21
PRE-OPERATION INSPECTION.....	22
OPERATING INSTRUCTIONS.....	22
SET-UP.....	22
A.- INSTALLATION WITH FRONT STABILISER LEGS.....	23
B.- INSTALLATION WITH BACK STABILISER LEGS.....	25
REVERSING THE FORKS	27
FUNCTION TEST	27
MOVING THE LIFTER TO THE WORK AREA	28
RAISING THE LOAD.....	28
LOWERING THE LOAD	29
BLOCKING THE LOAD/SAFETY SYSTEMS	29
AFTER EACH USE.....	29
TRANSPORT	30
MAINTENANCE	30
RISK ASSESMENT	31
GUARANTEE.....	35
* ANNEX A: ELECTRIC LIFTING SYSTEM	
* ANNEX B: LOAD CHART, DRAWINGS AND CERTIFICATES	



WARNING!

Failure to comply with the safety or operating instructions in this manual may result in damage to the tower, the lifted load, personal injury or even death! The instructions laid out in this manual must be followed at all times.

INTRODUCTION

Thank you for having chosen a **GUIL**® material lifter. Your **TORO** machine has been examined and checked before leaving our premises to ensure it is in absolutely perfect condition. To maintain this condition and to ensure a safe use, it is absolutely necessary for the user to read, understand and obey the safety and operating instructions in this manual as it contains information that will give you a thorough knowledge of the workings of your **TORO** lifter and guarantee maximum safety whilst operating it.

TORO lifters are manufactured using high quality components to guarantee maximum durability and safety during its use.

Damages caused by the disregard of this user manual are not subject to warranty; neither the dealer nor the manufacturer accepts liability for any resulting damages to property or personal injury.

Before putting the lifter into service please make sure that there is no damage caused during transportation. Should there be any, consult your distributor or the manufacturer (**GUIL**®) and do not use the **TORO** lifter until it is in perfect working condition.

The information contained in this manual is subject to change without previous notification and presents no obligations or liability for **GUIL**®. Under no circumstances will **GUIL**® be responsible for technical or editorial errors made here, nor for accidental or intentional, direct or indirect damages caused by following this manual or by incomplete information in this manual. **GUIL**® will not be held responsible for any errors found in this manual.

The information in this document is not intended to cover all possible eventualities. The user must use caution and common sense at all times whilst using the **TORO** lifter. If any doubt or problem should arise do not hesitate to contact the manufacturer **GUIL**®.

OWNER AND USER'S OBLIGATIONS

Everyone involved with the installation, operation and maintenance of this lifting tower must:

- Be sufficiently qualified, trained or experienced.
- Read and understand both the winch and the lifter manual and follow the instructions given to use them correctly.
- Keep this manual and the winch manual for the entire service life of the product.
- Pass both manuals on to every future owner or user of the tower. This manual should be regarded as a permanent part of your lift and should remain with the lifting tower at all times.
- If either of the manuals are misplaced please contact your dealer or the manufacturer (**GUIL**®).

SAFETY RECOMMENDATIONS

Prior to set-up, be aware of and avoid the following hazardous situations:

- Drop-offs or holes which impede the lifter being levelled using only the levelling jacks.
- Pot holes, obstacles on the floor or debris.
- Slopes that exceed the adjustment capabilities of the lifter.
- Unstable or slippery surfaces.
- Hazardous locations. Aerial obstacles or overhead electric cables.
- Inadequate surface support to withstand all load forces imposed by the lifter.
- Weather conditions and strong winds.
- The presence of unauthorised personnel.

SET-UP AND WORKING AREA SAFETY

- Do not stand under or allow personnel under the **TORO** lifter when the load is raised, making sure a safety area is blocked around the tower, which should have a diameter of 1.5 times the height of the tower.
- Do not lower the load unless the area below is clear of personnel and obstructions.
- Do not use this lifter outdoors if it is thundering and lightning or in adverse weather conditions. Never use the **TORO** lifter in the event of extreme weather conditions. **NOTE:** Increasing the load surface area will decrease machine stability in windy conditions.
- Never use the **TORO** lifter in strong or gusty wind.



- Avoid transporting the **TORO** lifter over uneven surfaces or ground with debris when in the folded position.
- Never use the lifter on moving surfaces or vehicles.
- The **TORO** lifter must always be set up on firm and even surfaces.
- This material lift is not electrically insulated and does not protect you if it gets close to or comes into contact with electricity.
- If the **TORO** lifter comes into contact with electric cable, keep well away. The tower should not be touched or used until the electricity has been switch off.
- Maintain safe distances away from electrical power lines and apparatus, allowing for mast movement and electrical line sway or sag, in accordance with applicable local governmental regulations.
- Do not use the lifter as a ground for welding.
- The noise made while using this machine should not exceed 80 dB. If it were to make more noise contact your supplier.
- Before installing the lifter, make sure the installation area can hold a minimum point load of 5 times the load to be raised.



LIFTER USE SAFETY INSTRUCTIONS

- The installer is responsible for adhering to the load capacity specified by the manufacturer, the safety requirements in the place of installation and the abilities and experience of co-workers.
- Do not remove the manufacturer's labels; if removed the guarantee will be null and void.
- Always carry out a thorough inspection of your **TORO** lifter before each use by following the pre-operation inspection instructions. Do not use a tower that is damaged or doesn't work properly.
- Never use the **TORO** lifter with a worn, frayed, kinked or damaged winch cable.
- Do not replace parts of the **TORO** lifter that are critical to stability or structure with items of different strength or specification. If it were necessary to replace components, it is important that it is replaced with an original spare part.
- Do not exceed the rated load capacity recommended by the manufacturer **GUIL**®.
- Do not lift the load unless: the blocking hook is unhooked, all the stabiliser legs are correctly installed and the brakes on the wheels are activated.
- Do not adjust or remove the stabiliser legs while the load is raised.
- Do not raise the **TORO** lifter unless the load is correctly positioned, centred and secured on the forks. The centre of gravity should always be along a vertical line.
- Ensure the lifter is completely levelled before lifting the load.
- Never raise objects that make a large surface for the wind. If it is absolutely necessary please contact your dealer or the manufacturer (**GUIL**®) for safety advice.
- If you are going to leave the **TORO** lifter unattended with a raised load make sure it can't be used by unauthorised personnel. Unauthorised personnel could try to use the tower without adequate training, causing dangerous situations.



- All loads must be secured using a secondary safety system such as slings, cables or chains which must be oversized i.e. have adequate safety margins, to ensure maximum safety.

- Do not subject the **TORO** lifter to a horizontal force or side load by raising or lowering a fixed or overhanging load or resting a ladder or scaffold against any part of the machine.



- Do not use the **TORO** lifter as a personnel lifting platform.



- Do not climb on the mast sections or sit/stand on the forks.

- Do not tamper with the brake winch. For maintenance or repair consult your dealer or the manufacturer.



- Keep hands away from all moving parts and pinch points when operating the tower.

- Do not grasp the winch cable while the tower is being used.

NOTE: When using this material lift in public places or industrial areas, a series of safety instructions have to be followed that this manual can only give in part. The user must therefore inform himself/herself on the current governmental safety instructions and take them into consideration when planning the installation.

PRE-OPERATION INSPECTION

CAUTION! A pre-operation inspection must be carried out before every use of the tower. Check the tower for damage, improperly installed or missing parts and unauthorised modifications using the list below.

Do not use the tower if this inspection reveals any adverse conditions that could affect its safety.

WARNING! If damages or malfunctions are found in either the pre-operation inspection or the function test the tower should be removed from service and repaired by an authorised technician.

Check the following components of the lifter:

- Winch
- Base
- Stabiliser legs, folding stabiliser legs (outriggers) and especially levelling jacks
- Aluminium mast sections
- Cable (kinks, frays or deformations)
- Wheels and castors
- Locking bolts
- Spirit level
- Ensure all labels are in place and legible

Check the whole machine for:

- Dents and damage
- Corrosion or rust
- Cracks in welding

OPERATING INSTRUCTIONS

WARNING! Always use logic and common sense when using the lifter. This is a complex product designed for professional use and should not be operated by amateurs. Ensure all personnel are correctly trained and instructed on the content of the manual and the dangers related with operating the lifter.

SET-UP

The lifter can be used with the stabiliser legs installed in the front of the base (A) or in the back of the base (B).

CAUTION! Check the work area for overhead obstructions or possible hazards before use (signs, cables, balconies, etc.). **ALWAYS** follow the set-up and working area and lifter use safety instructions in this manual.

A.- INSTALLATION WITH FRONT STABILISER LEGS

Follow the instructions below for the correct installation of the **TORO** lifter:

- 1.- Position the **TORO** lifter at the desired work site.
- 2.- Pull the stabiliser legs out of the base.



- 3.- Insert the legs into the front sockets with the wheels downwards, blocking them with the magnetic locking bolts.



The stabiliser legs should be fixed at the fully extended position. If any other position is required please consult the manufacturer (**GUIL**®).

- 4.- Level the lifter.

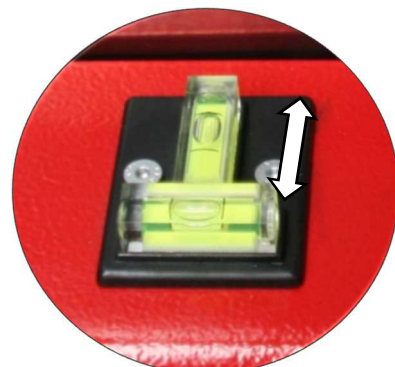
- 4.1.- Take the Allen key supplied out of the manual holder.



- 4.2.- Unblock the levelling jack by loosening the M10 bolt found on the side of the leg.



- 4.3.- Adjust the levelling jacks until the legs are firm and free of wobbling, levelling the lifter from the front axis with the help of the spirit level.



4.4.- Block the levelling jack by tightening the M10 bolt found on the side of the leg, but not too tight so as not to cause any damage to the thread on the screw stem.



5.- Unfold the side stabiliser legs (outriggers):

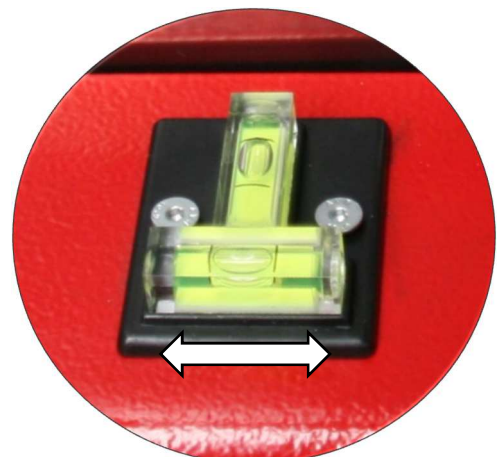
5.1.- Unfold the leg with the sliding bar that is furthest away from the lifter first.



5.2.- Press the blocking lever that protrudes from the bottom of the adjusting box and at the same time unfold the outriggers down to the ground.



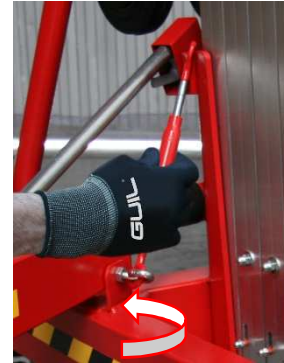
5.3 Adjust the levelling jacks until the legs are firm and free of wobbling, levelling the lifter from the sideways axis with the help of the spirit level.



6.- Remove the profile blocking hook by twisting the central part to lengthen it and unhook it from the eye nut.



7.- Hook it on the back part of the mast sections so that it isn't left loose.



8.- Lastly, put the forks into the horizontal position and secure using the magnetic locking bolts.



9.- Place the load on the forks.

IMPORTANT: When the TORO lifter is raised over 6.5 m the minimum load is 50 kg.

10.- With the load on the lifter ensure it is levelled. If not, adjust the levelling jacks on the legs until it is.

B.- INSTALLATION WITH BACK STABILISER LEGS

This set-up option is applied in case the front legs of the **TORO** lifter are an obstacle in the work area.

CAUTION! This type of installation requires the use of counterweights. These must always come to a sum of **100 kg**.

1.- Position the **TORO** lifter at the desired work site.

2.- Pull the stabiliser legs out of the base and insert them into the back sockets in the most extended position.



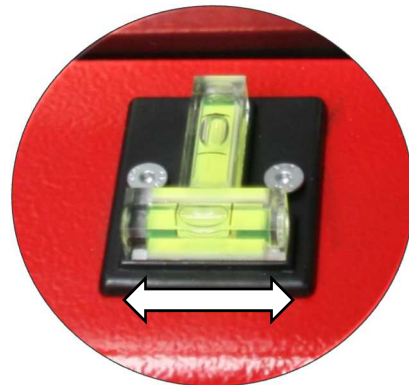
The legs must **always** be set in the most extended position.



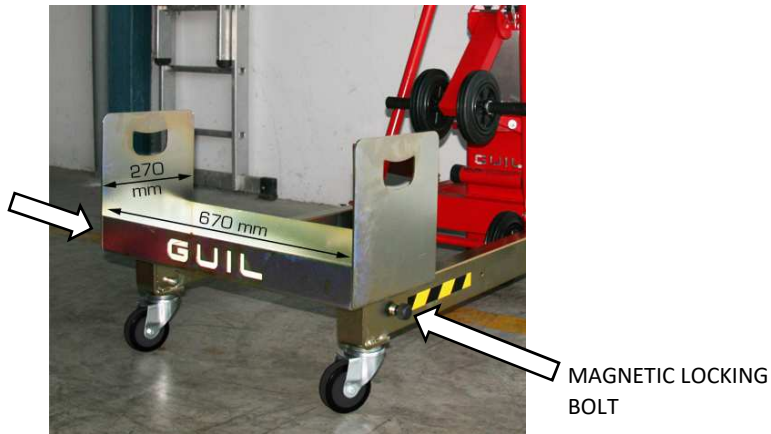
3.- Insert the magnetic locking bolts and adjust the levelling jacks until the legs are firm and free of wobbling.



4.- Level the lifter on the sideways axis using the spirit level, adjusting the levelling jacks on the outriggers.



5.- Install the counterweight holder at the end of the back stabiliser legs and secure it using the magnetic locking bolts.



6.- Place 5 weights in the counterweight holder to a total of 100 kg.



7.- Put the forks into the horizontal position and secure them using the magnetic locking bolts.

8.- Place the load on the forks.

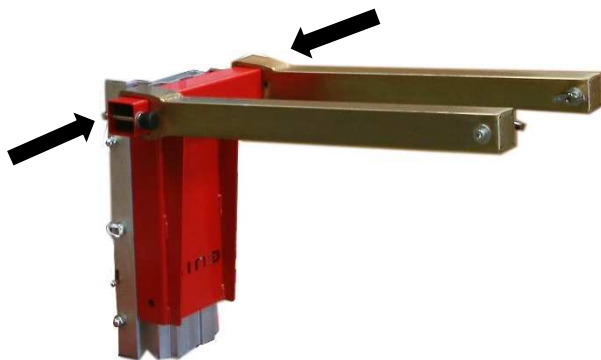
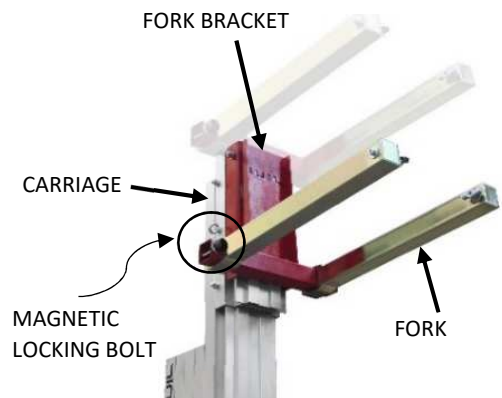


IMPORTANT: When the TORO tower is raised over 6.5 m the minimum load is 50 kg.

9.- With the load on the lifter ensure it is levelled. If not, adjust the levelling jacks on the legs until it is.

REVERSING THE FORKS

- 1.- Pull out the magnetic locking bolts.
- 2.- Remove the forks.
- 3.- Remove the nut and bolt that holds the fork bracket to the carriage.
- 4.- Turn the fork bracket 180°, insert back it onto the carriage and secure the nut and bolt again.
- 5.- Install the forks in the working position.



When the forks are in the **working position** they should slope slightly upwards.

6.- Secure using the magnetic locking bolts.

FUNCTION TEST

- 1.- Place a load on the forks of the lifter.
- 2.- Raise and lower the lifter to check the following functions.
 - 2.1.- Check that the winch is working correctly:
 - 2.1.1.- It must operate smoothly and free of hesitation, binding or strange noises.
 - 2.1.2.- All components must be present.
 - 2.1.3.- And above all it, must brake perfectly.

2.2.- Ensure that the cable is not worn, has no kinks, frays or serious deformations.

2.3.- And make sure the telescopic profiles raise and lower smoothly. They shouldn't be either tight together nor too loose (with a big gap between them). They should be close-fitting.

MOVING THE LIFTER TO THE WORK AREA

1.- Without the load:

1.1.- In vertical position, using the four wheels on the base steering with the help of the manoeuvring handle.

1.2.- In horizontal position, using the upper and large lower transportation wheels found on the manoeuvring handle. It is very important that you ensure the profiles are locked with the blocking hook before the **TORO** lifter is put into the horizontal position. If this is not done, the telescopic profiles may slide and unfold and could cause serious injury.

2.- With the load:

Your **TORO** lifter is designed to be able to be moved with a load. To do this is imperative that you follow this recommendations:

- Always place the load in the lowest possible position before moving the lifter.
- Make sure the area is levelled and clear of obstructions.
- Ensure the load is secure and properly balanced.
- Keep personnel away from the lifter with the load and always behind the operator's position.
- Move the lifter slowly, avoiding sudden movements.
- Front stabilizer legs and side outriggers must be always fully unfolded and levelled. For better stability, front stabilizer legs must be fully extended to maximum length.

WARNING! Moving the lifter with elevated loads should be contained to short distances.

RAISING THE LOAD

Place the working load on the forks as close to the lifter as possible, making sure that the load is totally centred on the forks. Secure the load using slings, cables, chains, etc. **Note:** The maximum load of the lifter depends on the distance from the mast that the load is placed on the forks (consult the **LOAD ALONG THE FORK CHART** in the ANNEX).

WARNING!

- * If the load isn't correctly placed on the forks this could cause a serious accident, or even death.
- * Ensure that the load you wish to raise does not exceed the rated load capacity recommended by the manufacturer.
- * Ensure the profile blocking hook is not engaged.
- * When the **TORO** lifter is raised over 6.5 m, the minimum load will be 50 kg. For more information, consult the manufacturer.

1.- To start to raise the load, turn the winch handle in clockwise direction and the profiles will be lifted, making sure the cable is wound onto the drum in an even a tidy fashion. The profiles can unfold in any order.

2.- When you reach the desired height stop turning the winch handles and the winch will hold the profiles in place.

IMPORTANT: Stop turning the winch handles when you notice that the movement becomes stiff. This indicates that the lifter has reached its maximum height. **VERY DANGEROUS:** Forcing the winch at this point could cause serious internal damage to the lifter.

LOWERING THE LOAD

- 1.- To start to lower the load, turn the winch handle in anti-clockwise direction and the profiles will be lowered.
- 2.- When you have completely lowered the profiles stop turning the winch handles.

BLOCKING THE LOAD/SAFETY SYSTEMS

• AUTO-BRAKE HAND WINCH

This system automatically blocks the load in place as soon as you stop turning the handles. The resulting braking of the load is directly proportional to the amount of load being lifted.

• IPB SYSTEM (Internal Pendulum Brake)

Each mast profile has an incorporated safety brake (called **IPB**) that works automatically by inertia if there were to be a sudden drop in the mast profiles (uncommon in its usual functioning). This system was designed for unlikely situations where the cable becomes loose or breaks.

HOW TO UNBLOCK THE MAST PROFILES IF THE IPB SYSTEM HAS BEEN ACTIVATED

1.- If it is activated due to a kink in the cable or sagging, the profiles must be raised by turning the winch handle clockwise, this way the cable will become tensed again and the safety brake will deactivate automatically, so you can continue to use the tower.

2.- In case of cable breakage:

2.1.- Firstly the load must be removed from the tower.

2.2.- Unblock each mast section, starting with the lowest one, by lifting them slightly, either manually or with the help of a forklift or another sort of lifter. Unblock the IPB system using the releasing.



AFTER EACH USE

1.- Completely lower the forks and remove any adaptor being used that is fixed to them.

2.- Put the forks into the storage position.

3.- Fold the side stabiliser legs.



BLOCKING LEVER

NOTE: If the lever were to be stiff and you are unable to block it:

- Tilt the lifter slightly in the opposite direction to relieve the pressure of the blocking system.
- Or slightly raise the lifter using the front stabiliser legs' adjustable wheels, to release the pressure on the adjusting system.

- 4.- Pull out the stabiliser legs from the front or the back leg sockets and place them vertically on the base in the storage position.



IMPORTANT: Always attach the mast profile blocking hook to the profiles to prevent sliding during horizontal transportation.



- 5.- Select a safe storage location making sure it is: on a firm and level surface, protected from the elements.

TRANSPORT

- The lifter must be completely stowed and the profile blocking hook activated.
- The transport vehicle must be parked on a level surface.
- The vehicle must be stationary to prevent it from moving whilst loading the **TORO** lifter.
- Make sure the vehicle capacity, the loading space and chains or straps used are sufficient to withstand the weight of the **TORO** manual lift.
- The **TORO** lifter must be secured to the vehicle with straps or slings of adequate load capacity to prevent any movement.
- Place the **TORO** lifter against the vehicle. Use the transportation wheels to help load the tower onto the vehicle.

MAINTENANCE

- Carry out a thorough inspection of the lifter to ensure there are no missing components and that there are no broken or damaged parts.
- Check that the wheels turn smoothly and are not damaged or dented.
- Inspect the legs, forks, and strengthening braces to ensure they are in good condition.
- Examine the side stabiliser legs making sure they fold and unfold smoothly and that the blocking system works correctly.
- Make sure that the level and the levelling jacks are not damaged and function correctly. Grease the levelling jacks periodically.
- Check that the profile blocking hook functions perfectly.
- Test the safety brake system (**IPB**) by manually raising each mast profile about 15 cm and release. Brakes should engage before the mast section reaches bottom stop. Use the winch to deactivate safety brakes and unblock the mast profiles.
- Check that the winch cable isn't frayed, bent or worn.
- Make sure the winch functions correctly and doesn't show any signs of damage or deformations.
- Raise mast profiles to verify that they slide smoothly.
- Make sure wire sideways and the winch cable are free of dust and oxidation and grease them periodically, depending on the frequency the lifter is used.

VERY IMPORTANT: Do not grease, lubricate or tamper with the winch. Consult with a **GUIL**[®] technician.

- A regular technical inspection of the **TORO** lifter must be carried out (depending on the regulations in your country and the frequency of use of the lifter) by a **GUIL**® authorised technician, to establish the condition of all its parts.
- Your **GUIL**® lifter is made with high quality long-lasting components. In the event of having to change a component it is important that it is replaced with an original spare part. **GUIL**® will not take responsibility for any direct or indirect consequence due to incorrect use, carelessness or bad maintenance. The guarantee will be invalid if non-original components are used or if any modifications are made to the tower.
- Do not replace parts of the **TORO** lifter that are critical to stability or structure with items of different strength or specification. If it were necessary to replace parts, please contact your dealer or the manufacturer **GUIL**®.

RISK ASSESMENT

Likelihood	L	Low
	M	Medium
	H	High
Severity	SD	Slightly Damaging
	D	Damaging
	ED	Extremely Damaging
Consequence	I	Insignificant Risk
	To	Tolerable Risk
	Mo	Moderate Risk
	H	High Risk
	In	Intolerable Risk

TASK													
PRE-OPERATION INSPECTION													
EVALUATED MACHINE: TORO RANGES B, C & D													
Identified Risk	Likelihood			Severity			Consequence					Corrective Measures	
	L	M	H	SD	D	ED	I	To	Mo	H	In		
LOSS OF EXTERNAL COMPONENTS.	X					X						X	REPLACE THE LOST EXTERNAL COMPONENTS.
DAMAGE TO THE HAND WINCH.		X				X						X	CONSULT A GUIL TECHNICIAN.
DETERIORATION OF THE STEEL CABLE.			X			X						X	CONSULT A GUIL TECHNICIAN.
DETERIORATION OF THE MAST PROFILES.		X				X						X	CONSULT A GUIL TECHNICIAN.
BADLY SECURED CABLE.			X			X						X	SECURE CABLE AS INDICATED BY THE MANUFACTURER.
BROKEN COMPONENTS.		X				X						X	REPAIR BROKEN COMPONENTS.
DAMAGE TO SURFACE TREATMENT.	X							X					CONSULT A GUIL TECHNICIAN.
MISSING LABELS.			X			X			X				REPLACE LABELS.

TASK LIFTER SET-UP													
EVALUATED MACHINE: TORO RANGES B, C & D													
Identified Risk	Likelihood			Severity			Consequence					Corrective Measures	
	L	M	H	SD	D	ED	I	To	Mo	H	In		
UNLEVEL OR DETERIORATED GROUND.		X				X						X	INSTALL SUPPORT ELEMENTS.
UNSTABLE OR SLIPPERY GROUND.		X				X						X	INSTALL BLOCKING ELEMENTS.
OVERHEAD OBSTACLES.		X				X						X	ENSURE THAT NOTHING CAN BREAK OFF OR FALL DOWN.
PRESENCE OF HIGH OR LOW VOLTAGE CABLES.			X			X						X	PREVENT ANY CONTACT WITH ELECTRIC CABLES.
BAD WEATHER CONDITIONS.		X				X						X	DO NOT SET UP.
UNPREDICTABLE WEATHER CONDITIONS.			X			X					X		USE EXTRA SAFETY PRECAUTIONS.
THE STRAIGHT STABILISER LEGS DO NOT LOCK INTO THE HORIZONTAL POSITION.	X					X						X	1.- DO NOT LIFT. 2.- CONSULT A GUIL TECHNICIAN.
THE STRAIGHT STABILISER LEGS SCREW JACKS CANNOT BE ADJUSTED.		X				X						X	1.- DO NOT LIFT. 2.- LOOSEN THE LOCKING BOLT ON THE SIDE, WITH THE ALLEN KEY. 3.- CONSULT A GUIL TECHNICIAN.
THE SIDE STABILISER LEGS CANNOT BE UNFOLDED OR FOLDED.	X					X						X	1.- DO NOT LIFT. 2.- ACTIVATE THE BLOCKING LEVER AND UNFOLD OR FOLD THE SIDE STABILISER LEG. 3.- CONSULT A GUIL TECHNICIAN.
THE SIDE STABILISER LEG BLOCKING LEVER DOES NOT WORK.	X					X						X	1.- DO NOT LIFT. 2.- PUT THE PRESSURE SPRING BACK INTO PLACE. 3.- CONSULT A GUIL TECHNICIAN.
THE SIDE STABILISER LEG BLOCKING SYSTEM SHELL IS DAMAGED.		X			X							X	1.- DO NOT LIFT. 2.- CHANGE THE COMPONENT.
THE SIDE STABILISER LEG LEVELLER CANNOT BE ADJUSTED.	X					X						X	1.- DO NOT LIFT. 2.- CHECK THAT THE LEVELLER SCREW JACK ISN'T AT ITS ADJUSTING LIMIT. 3.- CHANGE THE COMPONENT.
UNQUALIFIED PERSONNEL.		X				X						X	COMPLETELY PROHIBITED.

TASK													
USING THE LIFTER													
EVALUATED MACHINE: TORO RANGES B, C & D													
Identified Risk	Likelihood			Severity			Consequence				Corrective Measures		
	L	M	H	SD	D	ED	I	To	Mo	H		In	
LOAD INSUFFICIENTLY SECURED TO THE LIFTER.		X				X						X	SECURE THE LOAD CORRECTLY.
UNEVEN WRAPPING OF THE CABLE IN THE WINCH DRUM.		X			X					X			UNWIND THE CABLE AND WIND IT EVENLY BACK ONTO THE DRUM.
THE LOAD SURPASSES THE MAXIMUM PERMITTED LOAD SPECIFIED BY THE MANUFACTURER.			X			X						X	1.- DO NOT LIFT. 2.- REMOVE THE SURPLUS LOAD. 3.- CONSULT TECHNICAL SPECIFICAITONS.
DISPLACED LOAD.			X			X						X	CENTER THE LOAD.
UNEVELLED LIFTER AFTER LOADING.		X				X						X	1.- DO NOT RAISE THE LOAD. 2.- LEVEL THE TOWER.
THE TELESCOPIC MASTS WON'T RAISE.		X				X						X	1.- REMOVE THE PROFILE BLOCKING HOOK. 2.- ENSURE THE CABLE IS SECURED TO THE WINCH DRUM. 3.- CONSULT A GUIL TECHNICIAN.
DIFFICULTIES IN MOVING THE LIFTER / NO LOAD.		X				X						X	1.- UNBLOCK THE BRAKES ON THE WHEELS. 2.- CHECK THERE IS NOTHING IMPEDING THE LIFTER BEING MOVED. 3.- CONSULT A GUIL TECHNICIAN.
DIFFICULTIES IN MOVING THE LIFTER / WITH LOAD.		X				X						X	1.- UNLOCK THE BRAKES ON THE WHEELS. 2.- CHECK THERE IS NOTHING IMPEDING THE LIFTER BEING MOVED. 3.- CONSULT A GUIL TECHNICIAN.
THE MASTS START TO RAISE CROOKED (NOT STRAIGHT).		X				X						X	1.- DO NOT MOVE OR RAISE. 2.- LOWER THE LOAD AND LEVEL THE LIFTER. 3.- CONSULT A GUIL TECHNICIAN.
THE MAST PROFILES WON'T LOWER.	X					X						X	1.- ENSURE THAT THE PENDULUM BRAKE (IPB SYSTEM) IS NOT ENGAGED, BLOCKING THE MAST PROFILES. 2.- ENSURE THE LIFTER IS NOT OVERLOADED. 3.- CONSULT A GUIL TECHNICIAN.
CROOKED RAISING WHEN USING TWO OR MORE LIFTERS CONNECTED.		X				X						X	SYNCRONISE THE RAISING, IN SPEED AND HEIGHT.
CROOKED LOWERING WHEN USING TWO OR MORE LIFTERS CONNECTED BY A LOAD.	X					X						X	SYNCRONISE THE LOWERING, IN SPEED AND HEIGHT.
A NON-AUTHORISED PERSON HAS TRIED TO USE THE LIFTER WITH A RAISED LOAD.			X			X						X	1.- CORDON OFF THE WORK SPACE AS A RESTRICTED AREA. 2.- REMOVE THE WINCH HANDLE.
IMMINENT FALLING OF THE LIFTER.			X			X						X	EVACUATE PERSONNEL.

TASK MAINTENANCE OF THE LIFTER												
EVALUATED MACHINE: TORO RANGES B, C & D												
Identified Risk	Likelihood			Severity			Consequence				Corrective Measures	
	L	M	H	SD	D	ED	I	To	Mo	H		In
THE LIFTER IS DIRTY.			X			X					X	CLEAN IT AND GREASE THE APPROPRIATE PARTS.
DAMAGED OR WORN WINCH.		X				X					X	CONTACT THE MANUFACTURER.
LEVELLERS BLOCKED.	X					X					X	GREASE LEVELLERS OR CONTACT THE MANUFACTURER.
STORAGE AREA IN BAD CONDITION.		X			X					X		PROTECT THE LIFTER CORRECTLY.
LACK OF AWARENESS OF THE MAINTENANCE REQUIRED FOR THE LIFTER.		X			X					X		CONSULT THE INSTRUCTION MANUAL OR CONTACT THE MANUFACTURER.
MISSING LABELS.			X			X			X			REPLACE LABELS.
LOSS OF MANUAL.			X			X			X			REPLACE INSTRUCTION MANUAL OR CONTACT THE MANUFACTURER.
CHANGE COMPONENTS.		X				X				X		ORDER ORIGINAL REPLACEMENTS.
FULL REVISION AND SERVICING OF THE LIFTER.			X			X					X	THIS MUST BE CARRIED OUT BY A TECHNICIAN AUTHORISED BY GUIL.

TASK TRANSPORTATION OF THE LIFTER												
EVALUATED MACHINE: TORO RANGES B, C & D												
Identified Risk	Likelihood			Severity			Consequence				Corrective Measures	
	L	M	H	SD	D	ED	I	To	Mo	H		In
STABILISER LEGS NOT SECURED.		X				X				X		BLOCK THEM WITH THE LOCKING BOLTS.
UNFOLDED SIDE STABILISER LEGS.		X				X				X		FOLD SIDE STABILISER LEGS.
MAST SECTIONS NOT FULLY LOWERED.	X				X					X		LOWER THE MAST SECTIONS AND SECURE THEM WITH THE BLOCKING HOOK.
CABLE LOOSE.		X			X					X		WIND THE CABLE PROPERLY ONTO THE WINCH DRUM.
DAMAGED WHEELS.	X					X					X	CHANGE WHEELS.
WINCH HANDLE STICKS OUT.			X		X				X			POSITION THE TOWER TO PREVENT DAMAGE TO THE HANDLE.
LIFTER LOOSE IN THE TRANSPORT VEHICLE.		X				X					X	SECURE THE LIFTER WITH SLINGS OR ROPES.
THE LIFTER CANNOT BE LOADED INTO THE VEHICLE.		X				X					X	USE SUITABLE LIFTING TECHNIQUES.

GUARANTEE

- The **TORO** lifters are guaranteed against manufacturing defects for 24 months after the date stated on the invoice. This guarantee covers the replacement of the defective parts and labour costs; freight costs will always be paid by the customer. Defective goods returned under guarantee must be shipped 'Carriage Paid' and must include a written specification of the anomalies and damages observed. Any goods sent without carriage paid will be returned.
- This warranty does not extend to any product which has been:
 - Subjected to misuse, neglect, accident or abuse.
 - Improperly repaired, altered or modified in any way without **GUIL**®'s specific permission.
 - Incorrectly operated; used in violation of instructions provided by **GUIL**®.
- Under no circumstances will **GUIL**® take responsibility for damage caused by the normal wear and tear of the product. **GUIL**® is not liable for personal injury or material damage resulting from negligence or incorrect use, adaptation or maintenance of the lifter.
- The guarantee will be null and void if the labels of the lifter are removed.
- In the case of components manufactured by third parties, the guarantee period will be decided by the manufacturer of each part.

THE MANUFACTURER:

GUIL

ES-B96498829

P.I. LA CREU C/ ISMAEL TOMÁS ALACREU, 28
46250 L'ALCUDIA (VALENCIA) SPAIN

Tel. + 34 962996500 Fax. + 34 962540833
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Tel: + 34. 96 299 65 00 Fax: + 34. 96 254 08 33

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info@guil.es

ANEXO A / ANNEX A

ELEVADORES DE CARGA

MATERIAL LIFTERS

Sistema Eléctrico TORO D / Electric Lifting System TORO D

Ref. ELECTRIC-D

ESPAÑOL pág. A1
ENGLISH page A3



**INGENIERIA PARA LA ELEVACIÓN
ENGINEERING FOR LIFTING LOADS**

CONTENIDO

MONTAJE SISTEMA ELÉCTRICO (REF. ELECTRIC-D) - OPCIONAL.....	A1
PIEZAS DE REPUESTO.....	A5

COMPONENTES

1.- TALADRO ELÉCTRICO METABO



2.- PROLONGADOR



3.- SOPORTE ADAPTADOR TALADRO



MONTAJE SISTEMA ELÉCTRICO (REF. ELECTRIC-D) - OPCIONAL

Existe la posibilidad de adaptar un sistema eléctrico al elevador **TORO** que permite elevar la carga de forma eléctrica, aportando mayor comodidad.

1.- Extraer la manivela del cabrestante.



2.- Colocar el prolongador en el cabrestante.



3.- Colocar el soporte adaptador para el taladro:

3.1.- Encajar los dos agujeros del soporte adaptador en los dos salientes que hay en la plancha de amarre del cabrestante.



3.2.- Fijar el soporte adaptador mediante los dos tornillos M10X20 que contiene el elevador **TORO**.



4.- Montar el cabezal reductor en el taladro eléctrico.



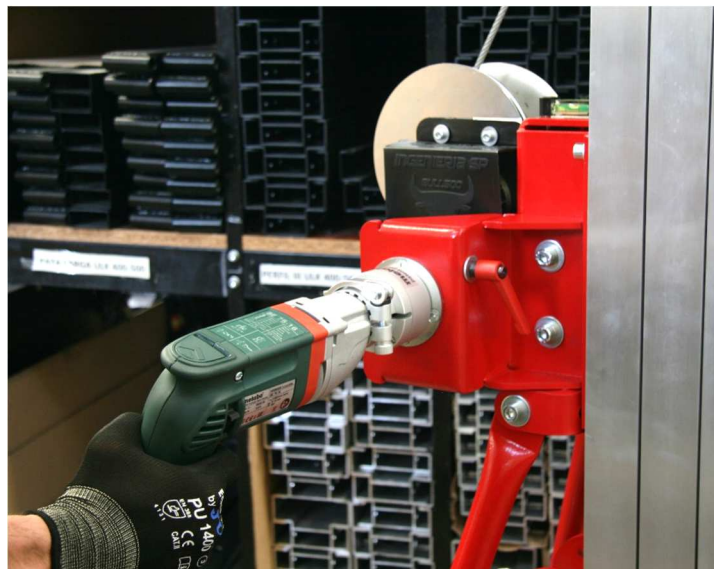
5.- Introducir el cabezal reductor del taladro dentro de la corona dentada del soporte adaptador, encajando al mismo tiempo en el cuadradillo del prolongador.



IMPORTANTE: Para facilitar el encaje del taladro con el cuadradillo del prolongador, ayudarse girando la manivela del cabrestante.



6.- Bloquear el cabezal del taladro apretando la manivela lateral hasta que quede bien sujeto.



7.- Extraer la segunda manivela del cabrestante.

8.- Conectar el taladro y elevar.



INDEX

ELECTRIC LIFTING SYSTEM ASSEMBLY (REF. ELECTRIC-D) – OPTIONAL A3
 REPLACEMENT PARTS LIST A5

1.- METABO ELECTRIC DRILL



2.- ELONGATION ADAPTOR



3.- DRILL SUPPORT ADAPTOR



ELECTRIC LIFTING SYSTEM ASSEMBLY (REF. ELECTRIC-D) – OPTIONAL

With this electric system, using the adaptor and hand motor accessory, you have the possibility to raise and lower the **TORO** material lift quickly and effortlessly. (Only for models **TORO D-Range** & **C-Range**)

1.- Remove the winch handle.



2.- Fit the elongation adaptor on to the winch.



3.- Fit the drill support adaptor:

3.1.- Line up the two holes on the adaptor with the holes found on the winch support.



3.2.- Secure the support adaptor with the 2 M10X20 bolts supplied with the **TORO** lifter.



4.- Assemble the reducer head of the electric drill.



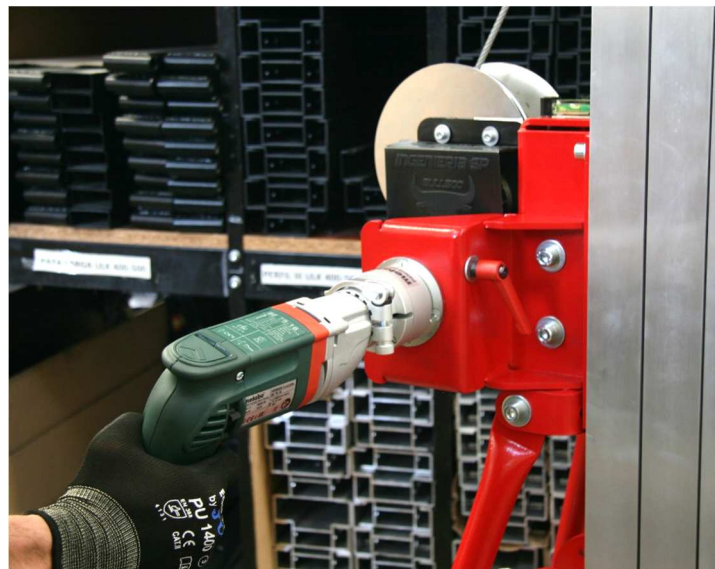
5.- Introduce the reducer head of the drill into the hole of the support adaptor, at the same time inserting it into the elongation adaptor until toothed parts of the two fit together.



IMPORTANT: Use the other winch handle, moving it backwards a forwards, to help the two parts to fit together.



6.- Lock the head of the drill using the red handle on the side until it is completely secured.



7.- Remove the second winch handle.

8.- Plug in the drill and lift the lifter.



PIEZAS DE REPUESTO / REPLACEMENT PARTS LIST

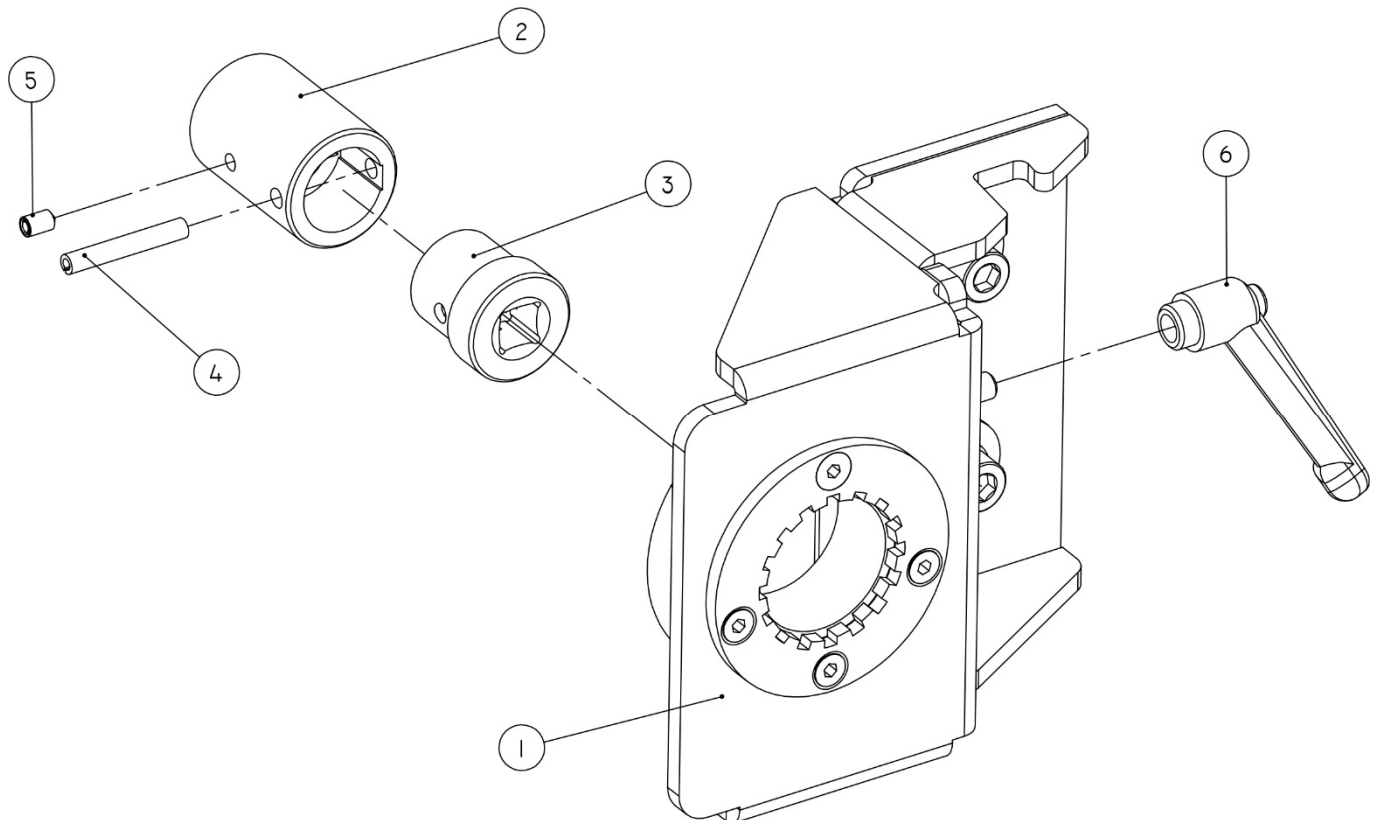
Para la obtención de piezas de repuesto, contacte con su distribuidor o con el fabricante (**GUIL**®).

A continuación se muestran los planos de despiece para facilitar la tarea de la reposición de piezas.

*To obtain replacement components please contact your distributor or the manufacturer (**GUIL**®).*

To help with knowing which part is needed, find the exploded view drawings of the components below.

ADAPTADOR TALADRO TORO D / DRILL ADAPTOR TORO D (ref. 0002890)



NUM	REF	DENOMINACION / DESCRIPTION	CANT/QTY
1	0002934	SOPORTE ADAPTADOR TALADRO TORO D	1
2	0002269	CASQUILLO HEMBRA BULL500/2	1
3	0002247	VASO 22 ROSCADO ADAPTADOR TALADRO	1
4	0002791	PASADOR ELASTICO DIN1481 06X40	1
5	0002790	TORNILLO DIN914 M06X010 12.9 ZN	1
6	0002595	MANIVELA M08 ADAPTADOR TALADRO	1

ANEXO B / ANNEX B

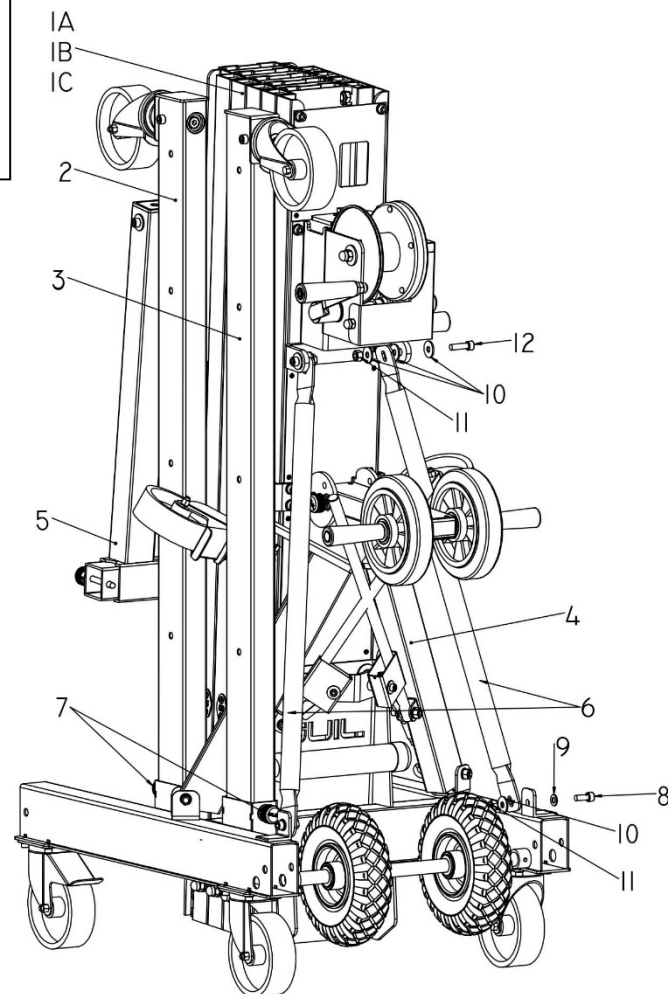
ELEVADORES DE CARGA

MATERIAL LIFTERS

TORO D-405/C

TORO D-403/C

TORO D-402/C



GUIL®

**INGENIERIA PARA LA ELEVACIÓN
ENGINEERING FOR LIFTING LOADS**

CONTENIDO / INDEX

	PÁG. / PAGE
INTRODUCCIÓN / INTRODUCTION	B1
MEDIDAS / MEASUREMENTS	B2
DIAGRAMA DE CARGA / LOAD CHART	B3
PLANOS DE DESPIECE / EXPLODED DRAWINGS	B5
ÍNDICE / INDEX.....	B6
PLANOS / DRAWINGS	B7
DECLARACIÓN DE CONFORMIDAD CE / EC-CERTIFICATE OF CONFORMITY	B28
LIBRO DE MANTENIMIENTO / MAINTENANCE RECORD	B29

INTRODUCCIÓN / INTRODUCTION

El presente documento es un anexo al **Manual del Usuario**, por lo que se han de aplicar también todas las normas, advertencias, sugerencias, etc. que en él se facilitan.

Con este anexo se pretende ampliar la información sobre el elevador **TORO** y facilitar tanto su uso, como la petición de piezas de repuesto.

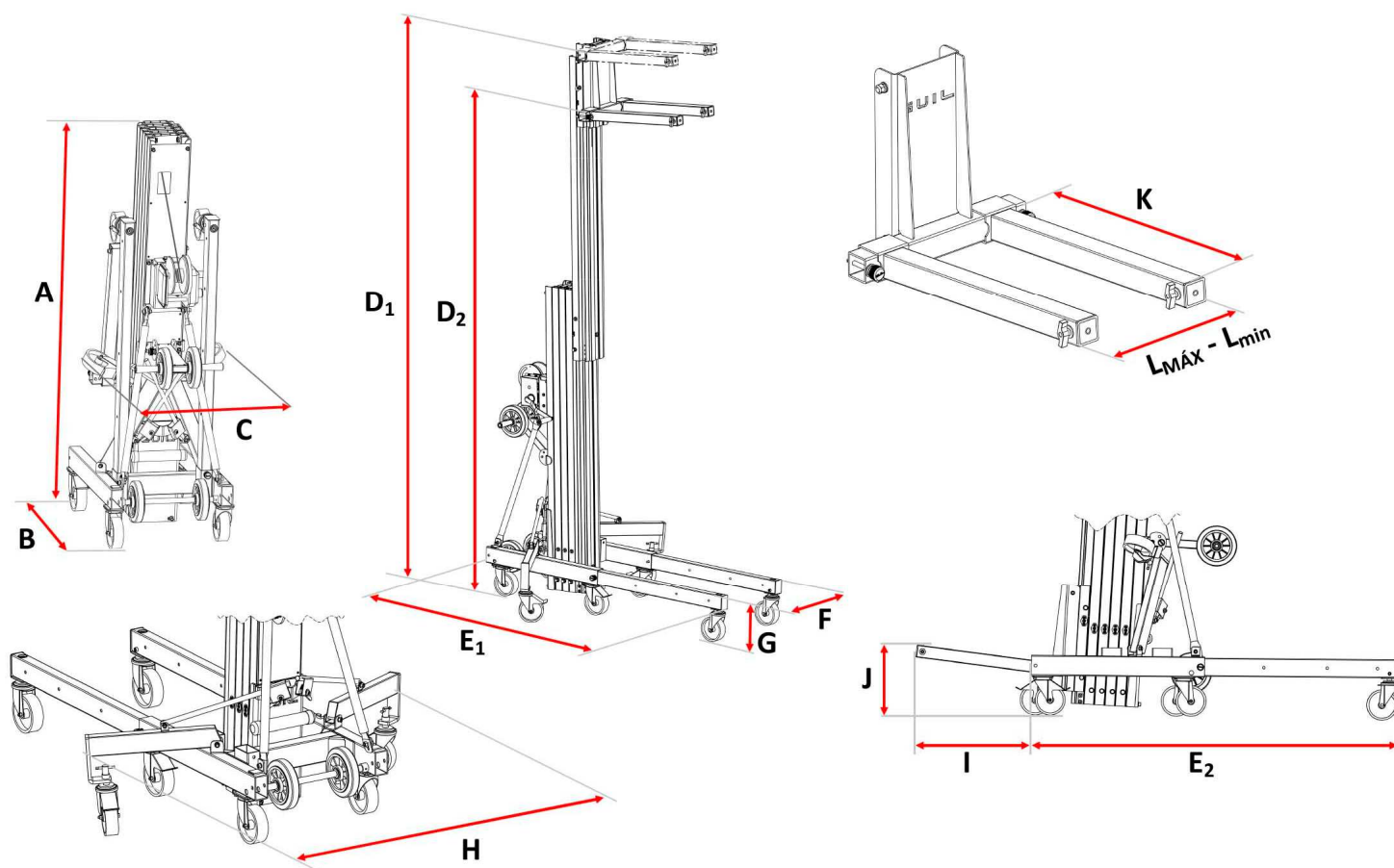
Ante cualquier duda o problema, no dude en ponerse en contacto con el fabricante **GUIL**[®].

This document is an annex to the **User Manual** and therefore the rules, warnings, suggestions etc. that are found in that document must also be applied to this document.

This annex intends to add to the information of the **TORO** lifter and is not only to give a greater understanding of its use but also to be consulted when spare parts are required.

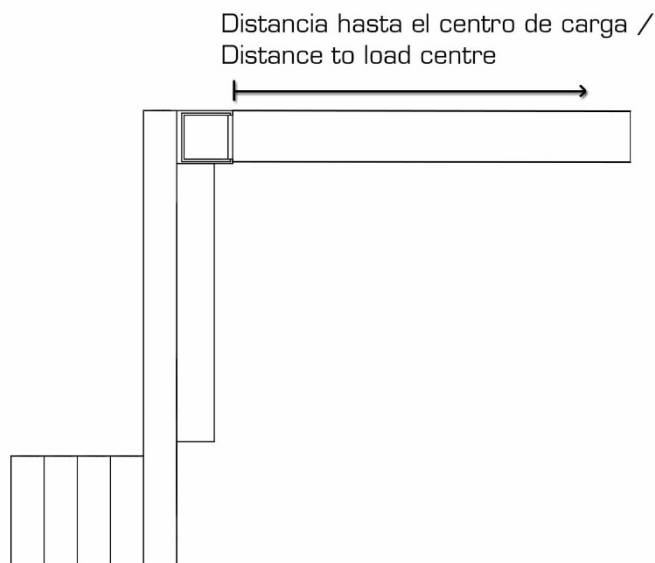
If you have any doubts or issues, do not hesitate to contact the manufacturer **GUIL**[®].

MEDIDAS / MEASUREMENTS



TORO Serie – D / TORO D - Range		TORO D-402/C	TORO D-403/C	TORO D-405/C	
PLEGADA / STOWED					
Altura / Height (cm/ft)	A	161 / 5.3	161 / 5.3	161 / 5.3	
Longitud / Length (cm/ft)	B	95 / 3.1	95 / 3.1	95 / 3.1	
Ancho / Width (cm/ft)	C	66 / 2.1	66 / 2.1	66 / 2.1	
DESPLEGADA / WORKING MEASUREMENTS					
Altura máxima / Maximum height (cm/ft)	Horquillas subidas / Forks up	D ₁	385 / 12.6	600 / 19.7	600 / 19.7
	Horquillas bajadas / Forks down	D ₂	345 / 11.3	560 / 18.4	558 / 18.3
Longitud / Length (cm/ft)	Patatas delanteras / Front legs	E ₁	192 / 6.3	192 / 6.3	192 / 6.3
	Patatas traseras / Back legs	E ₂	183 / 6	183 / 6	183 / 6
Ancho / Width (cm/ft)	F	66 / 2.1	66 / 2.1	66 / 2.1	
Altura de las patas / Leg height (cm/ft)	G	28 / 0.9	28 / 0.9	28 / 0.9	
Ancho con los estabilizadores desplegados / Width with stabilisers unfolded (cm/ft)	H	147 / 4.8	147 / 4.8	147 / 4.8	
Distancia hasta la pared / Distance to the wall (cm/ft)	I	57 / 1.9	57 / 1.9	57 / 1.9	
Altura de carga / Load height (cm/ft)	J	33 / 1.1	33 / 1.1	33 / 1.1	
HORQUILLAS / FORKS					
Longitud / Length (cm/in)	K	66 / 26	66 / 26	66 / 26	
Ancho máximo / Maximum width (cm/in)	L _{MAX}	47.5 / 18.7	47.5 / 18.7	47.5 / 18.7	
Ancho mínimo / Minimum width (cm/in)	L _{min}	35.5 / 14	35.5 / 14	35.5 / 14	
Número de perfiles / Number of sections		3	4	5	
Carga máxima / Maximum load (Kg/lbs)		420 / 926	400 / 882	350 / 772	
Peso / Weight (Kg/lbs)		162 / 357	178 / 392	194 / 428	

DIAGRAMA DE CARGA / LOAD CHART



NOTA: - El diagrama es válido para ambas posiciones de las patas estabilizadoras (delanteras o traseras con contrapeso).

NOTE: - The load tables are valid for both stabiliser leg positions (front and back with

TORO D-405/C

CARGA MÁXIMA: 350 kg / MAXIMUM LOAD: 772 lbs

ALTURA MÁXIMA: 6,00 m / MAXIMUM HEIGHT: 19.7 ft

Distancia/Distance (cm/in)	Carga/Load (kg/lbs)
0 / 0	350 / 772
10 / 4	350 / 772
20 / 8	350 / 772
30 / 12	350 / 772
40 / 16	330 / 728
50 / 20	310 / 683
60 / 24	270 / 595
70 / 28	230 / 507
80 / 31	200 / 441
90 / 35	170 / 375
100 / 39	140 / 309

TORO D-403/C

CARGA MÁXIMA: 400 kg / MAXIMUM LOAD: 882 lbs

ALTURA MÁXIMA: 5,00 m / MAXIMUM HEIGHT: 16.4 ft

Distancia/Distance (cm/in)	Carga/Load (kg/lbs)
0 / 0	400 / 882
10 / 4	400 / 882
20 / 8	400 / 882
30 / 12	400 / 882
40 / 16	380 / 838
50 / 20	340 / 750
60 / 24	310 / 683
70 / 28	280 / 617
80 / 31	260 / 573
90 / 35	230 / 507
100 / 39	200 / 441

TORO D-402/C

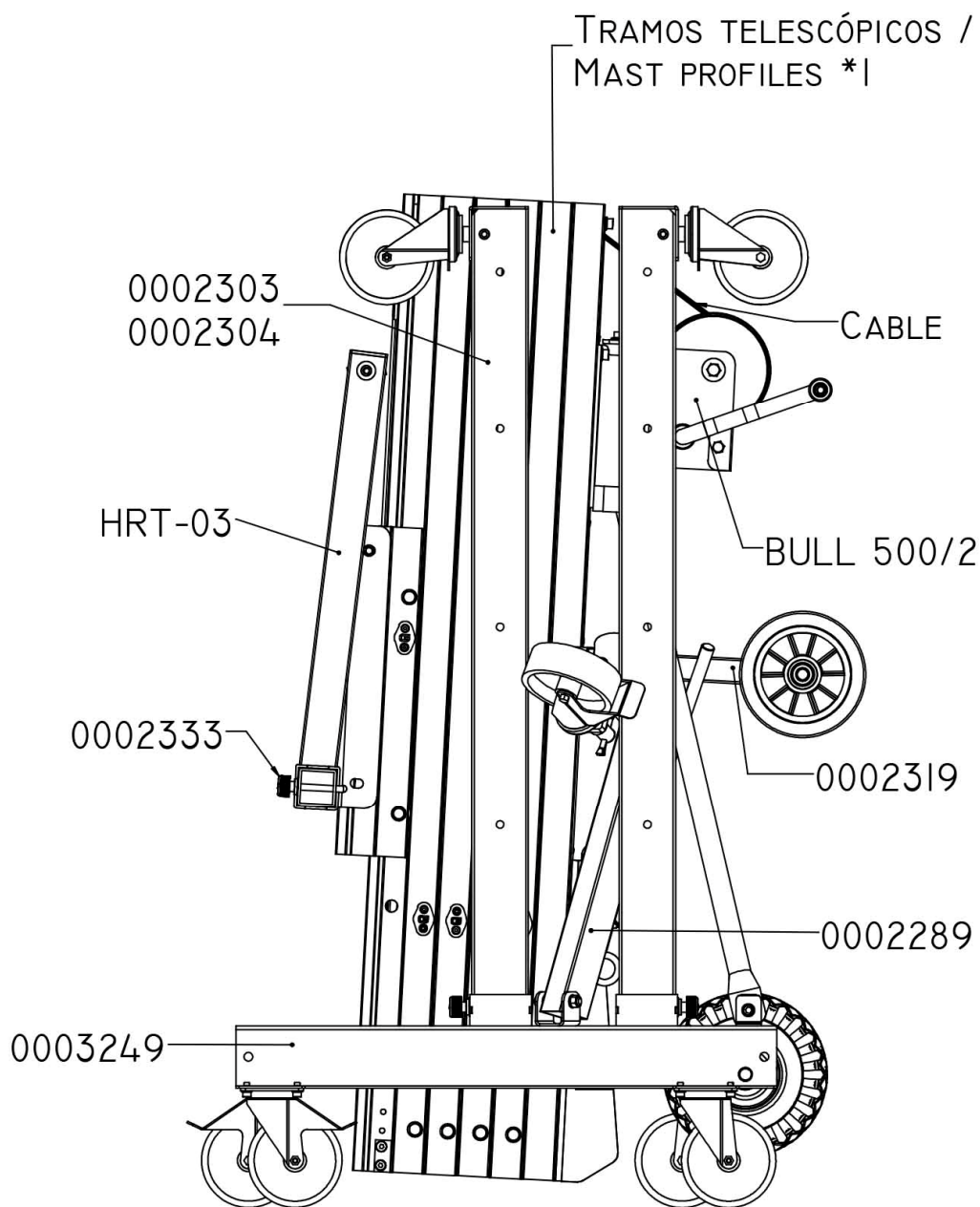
CARGA MÁXIMA: 420 kg / MAXIMUM LOAD: 926 lbs

ALTURA MÁXIMA: 3,85 m / MAXIMUM HEIGHT: 12.6 ft

Distancia/Distance (cm/in)	Carga/Load (kg/lbs)
0 / 0	420 / 926
10 / 4	420 / 926
20 / 8	420 / 926
30 / 12	420 / 926
40 / 16	400 / 882
50 / 20	380 / 838
60 / 24	360 / 794
70 / 28	340 / 750
80 / 31	320 / 705
90 / 35	300 / 661
100 / 39	280 / 617

Ref.	Adaptadores / Adaptors Denominación / Description	Distancia hasta el centro de carga / Distance to load centre
 HRT-03	JUEGO DE HORQUILLAS / FORKS	de 0 a 66 cm from 0 to 26 in
 ACT-01/L	ADAPTADOR PARA CARGAS DE DISEÑO CURVO / PIPE CRADLE	29 cm 11.4 in
 ACT-02	PROLONGADOR DE HORQUILLAS / FORK EXTENSIONS	de 0 a 100 cm from 0 to 39 in
 ACT-03	BRAZO PESCANTE / BOOM ADAPTOR	74 / 84 / 94 cm 29.1 / 33.1 / 37 in
 ACT-04/L	PLATAFORMA DE CARGA / LOAD PLATFORM	de 0 a 63 cm from 0 to 24.8 in
 ACT-05	BRAZO-GANCHO / LOAD HOOK	37,5 cm 14.8 in
 ACT-06	ADAPTADOR PARA PERSIANAS Y PUERTAS ENROLLABLES / ADAPTOR TO INSTALL ROLLER DOOR AND WINDOW SHUTTERS	de 0 a 60 cm from 0 to 23.6 in

PLANOS DE DESPIECE / EXPLODED DRAWINGS



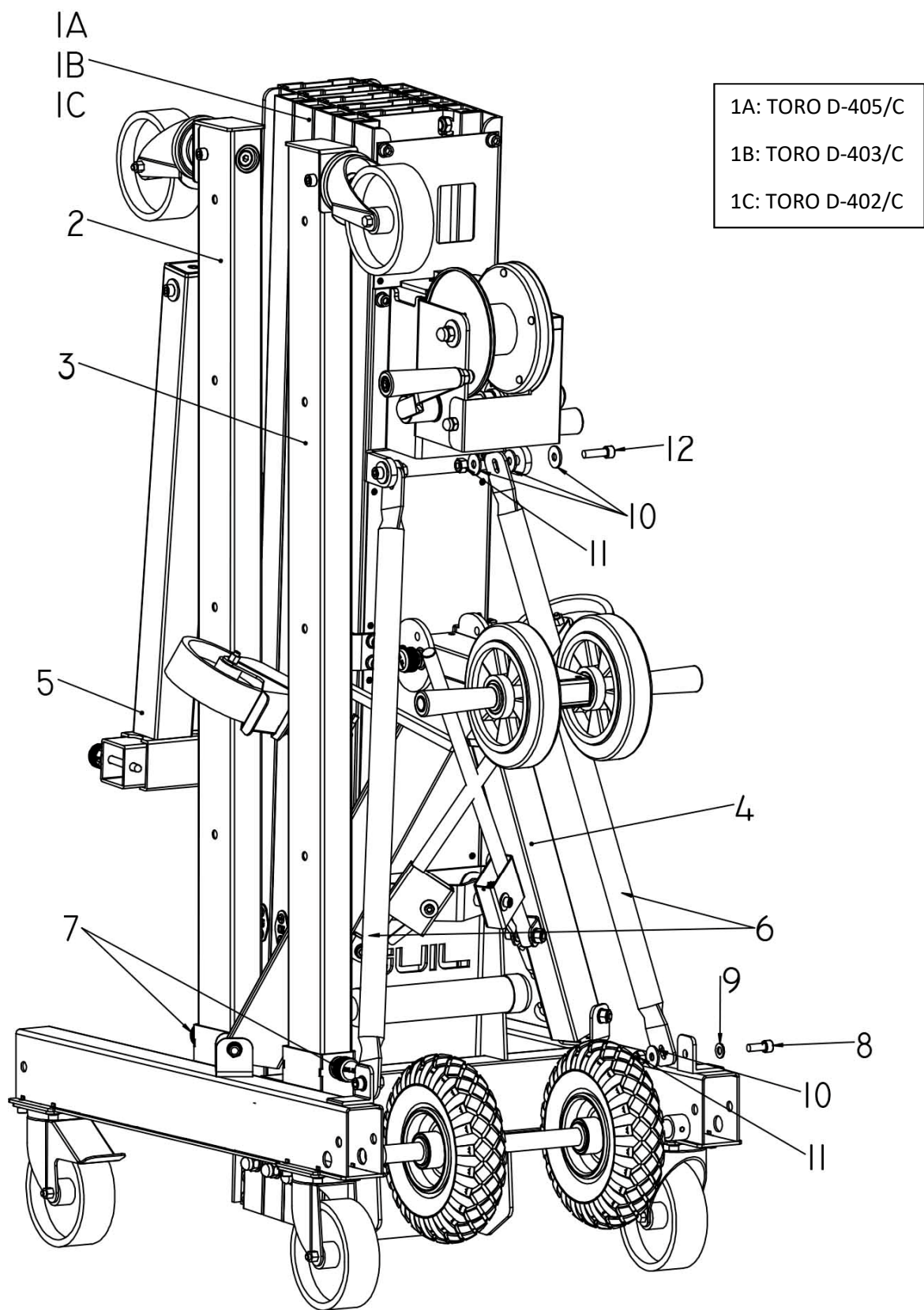
*1: El número de perfiles dependerá del modelo del elevador.
The number of profiles will depend on the lifter's model.

ÍNDICE / INDEX

	PÁG. / PAGE
Nr. 1:	REF. TORO D-405/C – TORO D-405/C TORRE COMPLETA / <i>TORO D-405/C COMPLETE TOWER</i>B7
	REF. TORO D-403/C – TORO D-403/C TORRE COMPLETA / <i>TORO D-403/C COMPLETE TOWER</i>B7
	REF. TORO D-402/C – TORO D-402/C TORRE COMPLETA / <i>TORO D-402/C COMPLETE TOWER</i>B7
Nr. 2:	REF. 0002464 - PERFILES ENSAMBLADOS TORO D-405/C / <i>ASSEMBLED PROFILES TORO D-405/C</i>B9
	REF. 0002467 - PERFILES ENSAMBLADOS TORO D-403/C / <i>ASSEMBLED PROFILES TORO D-403/C</i>B9
	REF. 0002469 - PERFILES ENSAMBLADOS TORO D-402/C / <i>ASSEMBLED PROFILES TORO D-402/C</i>B9
Nr. 3:	REF. 0002311 - COMPONENTES CARRITO / <i>FORK CARRIAGE COMPONENTS</i>B11
Nr. 4:	REF. 0002459 - COMPONENTES TRAMO I IZQUIERDA / <i>1st PROFILE COMPONENTS - LEFT</i>B13
Nr. 5:	REF. 0002463 - COMPONENTES TRAMO I DERECHA / <i>1st PROFILE COMPONENTS - RIGHT</i>B15
Nr. 6:	REF. 0002462 - COMPONENTES TRAMO II DERECHA / <i>2nd PROFILE COMPONENTS - RIGHT</i>B17
Nr. 7:	REF. 0002460 - COMPONENTES TRAMO II IZQUIERDA / <i>2nd PROFILE COMPONENTS - LEFT</i>B19
Nr. 8:	REF. 0002461 - COMPONENTES TRAMO III / <i>3rd PROFILE COMPONENTS</i>B21
Nr. 9:	REF. 0002343 – SISTEMA DE SUJECCIÓN PATAS ABATIBLES / <i>SIDE STABILISER LEG FASTENING PARTS</i>B23
Nr. 10:	REF. 0002289 - PATA ABATIBLE / <i>SIDE STABILISER LEG</i>B24
Nr. 11:	REF. HRT-03 - JUEGO DE HORQUILLAS Y FRONTIS / <i>FORK BRACKET AND FORKS</i>B25
Nr. 12:	REF. 0002319 - RUEDAS ABATIBLES / <i>TRANSPORTATION WHEELS</i>B25
Nr. 13:	REF. 0003249 - BASE TORO C Y D / <i>BASE TORO C AND D</i>B26
Nr. 14:	REF. 0002303 - PATA DERECHA / <i>RIGHT STABILISER LEG</i>B27
Nr. 15:	REF. 0002304 - PATA IZQUIERDA / <i>LEFT STABILISER LEG</i>B27

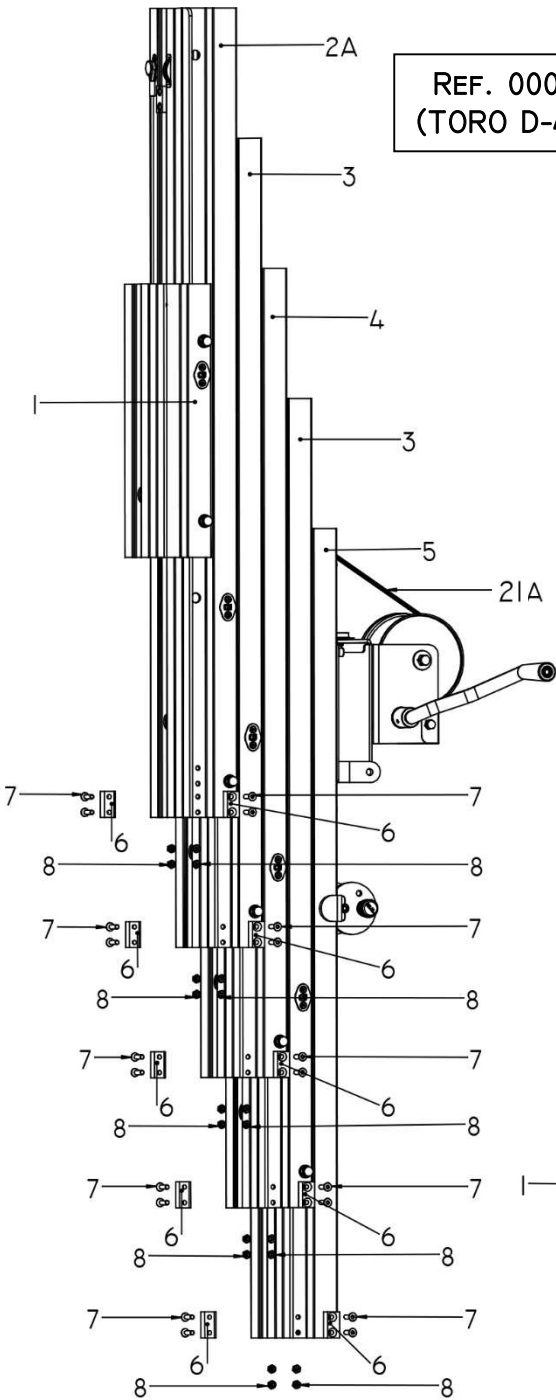
PLANOS / DRAWINGS

Nr. 1: REF. TORO D-405/C – TORO D-405/C TORRE COMPLETA / *TORO D-405/C COMPLETE TOWER*
 REF. TORO D-403/C – TORO D-403/C TORRE COMPLETA / *TORO D-403/C COMPLETE TOWER*
 REF. TORO D-402/C – TORO D-402/C TORRE COMPLETA / *TORO D-402/C COMPLETE TOWER*

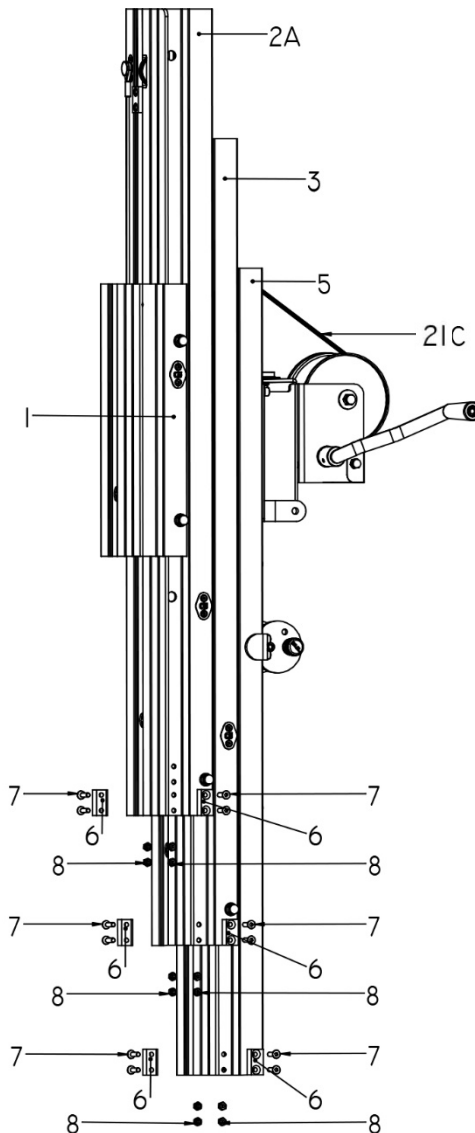
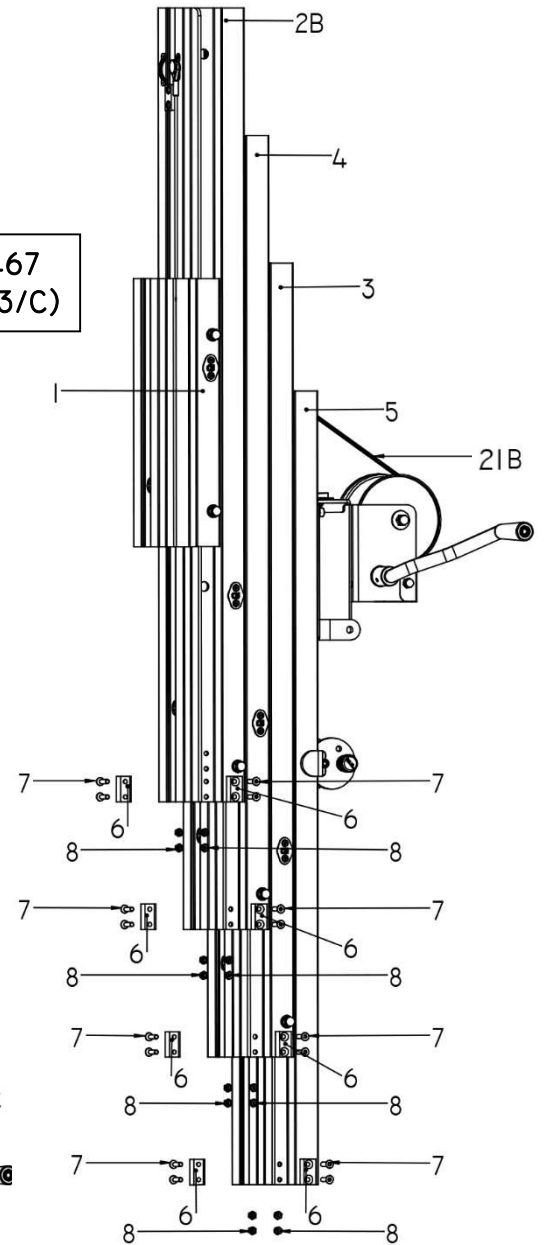


NUM	REF	DENOMINACIÓN / DESCRIPTION	CANT/QTY	PÁG/PAGE
1A	0002464	PERFILES ENSAMBLADOS TORO D-405/C	1	9
1B	0002467	PERFILES ENSAMBLADOS TORO D-403/C	1	9
1C	0002469	PERFILES ENSAMBLADOS TORO D-402/C	1	9
2	0002303	PATA DERECHA TORO C Y D	1	27
3	0002304	PATA IZQUIERDA TORO C Y D	1	27
4	0002343	SISTEMA DE SUJECIÓN PATAS ABATIBLES	1	23
5	HRT-03	JUEGO DE HORQUILLAS Y FRONTIS TORO D	1	25
6	0002213	TENSOR DE 35 TORO C Y D	2	-
7	0002333	PASADOR IMANTADO CORTO	2	-
8	0000166	TORNILLO DIN912 M10X025 8.8 ZN	2	-
9	0000144	ARANDELA DIN125 M10 ZN	2	-
10	0000194	ARANDELA DIN9021 M10 ZN	8	-
11	0000195	TUERCA DIN985 M10 ZN	4	-
12	0000660	TORNILLO DIN912 M10X035 8.8 ZN	2	-

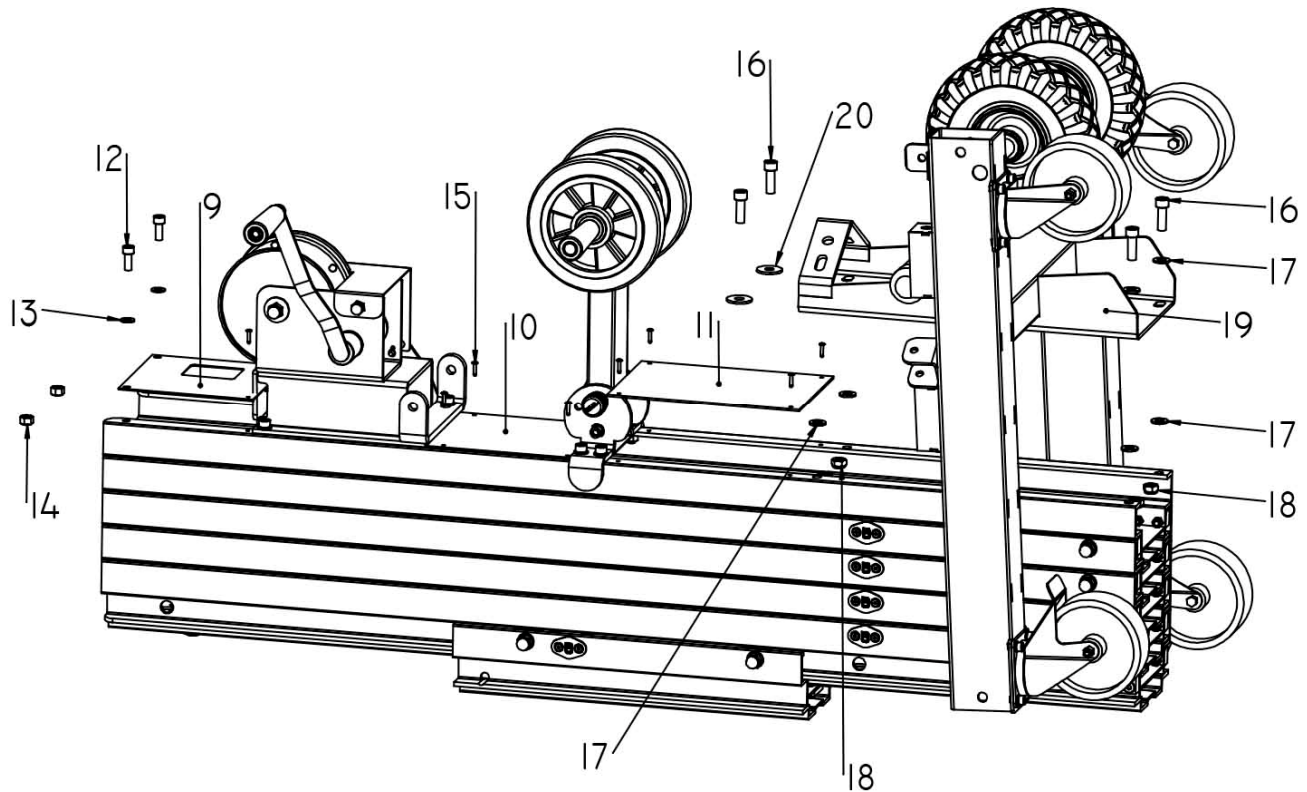
Nr. 2: REF. 0002464 - PERFILES ENSAMBLADOS TORO D-405/C / ASSEMBLED PROFILES TORO D-405/C
 REF. 0002467 - PERFILES ENSAMBLADOS TORO D-403/C / ASSEMBLED PROFILES TORO D-403/C
 REF. 0002469 - PERFILES ENSAMBLADOS TORO D-402/C / ASSEMBLED PROFILES TORO D-402/C



REF. 0002467
(TORO D-403/C)

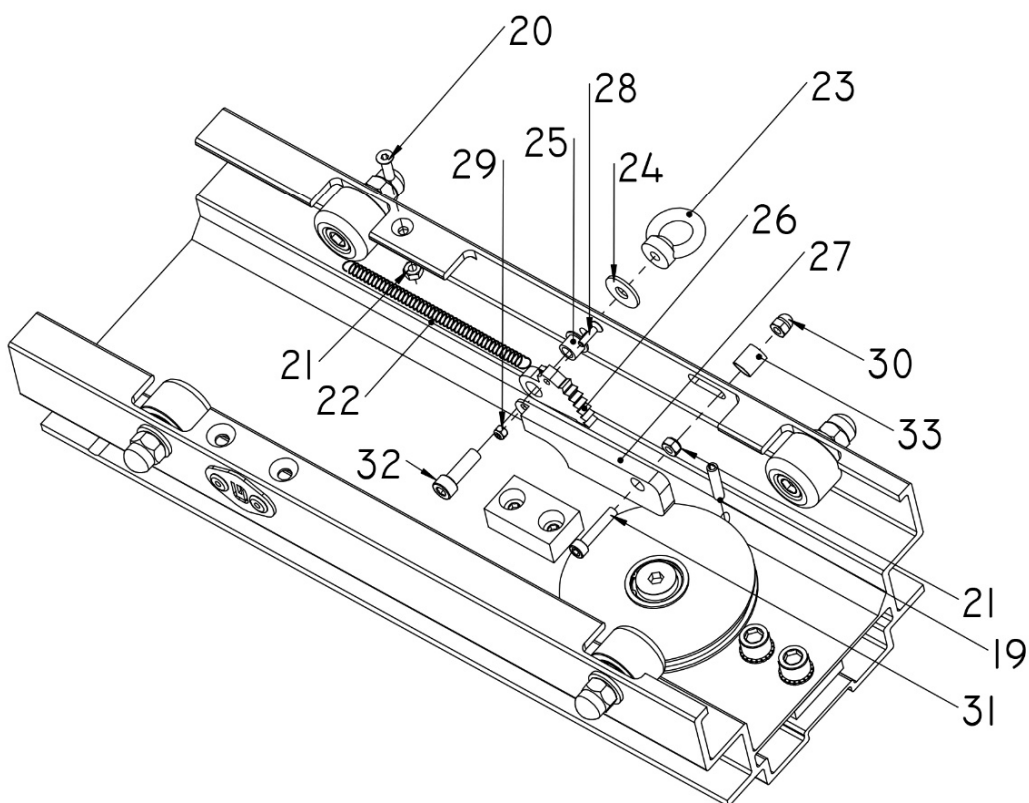
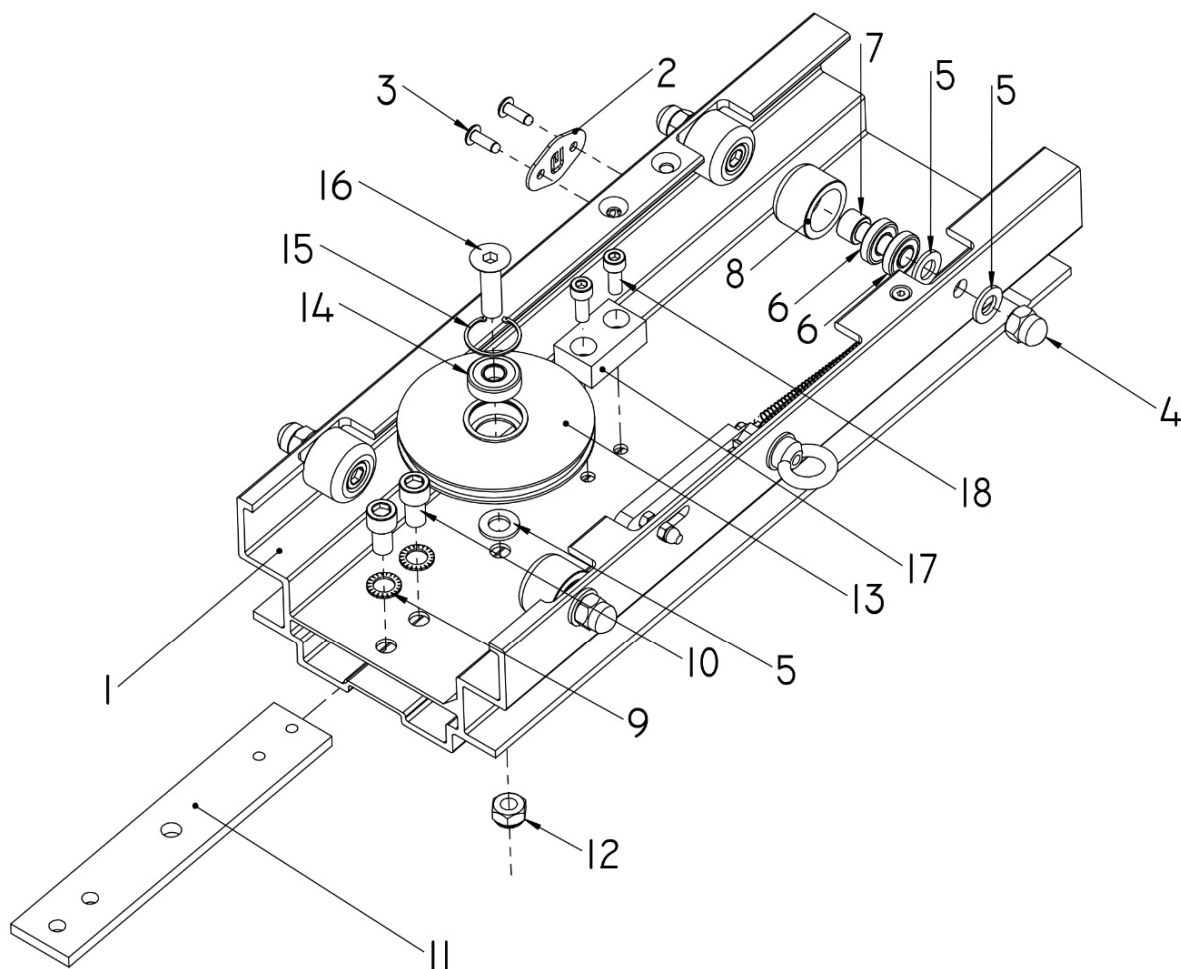


REF. 0002469
(TORO D-402/C)



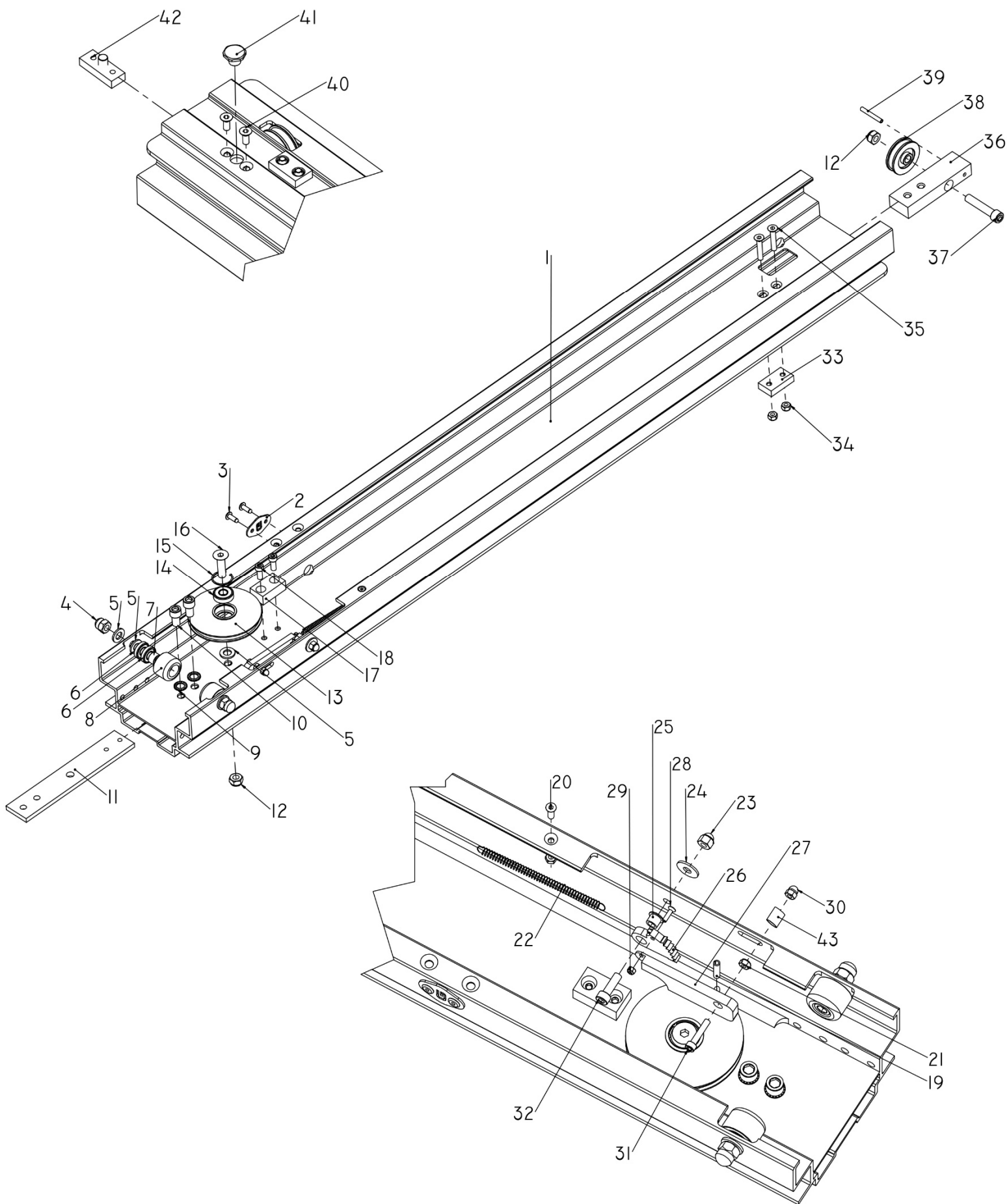
NUM	REF	DENOMINACIÓN / DESCRIPTION	CANT/QTY			PÁG/ PAGE
			TORO D-405/C 0002464	TORO D-403/C 0002467	TORO D-402/C 0002469	
1	0002311	COMPONENTES CARRITO TORO D	1	1	1	11
2A	0002459	COMPONENTES TRAMO I IZQDA COMPACT TORO D	1	-	1	13
2B	0002463	COMPONENTES TRAMO I DERECHA COMPACT TORO D	-	1	-	15
3	0002462	COMPONENTES TRAMO II DERECHA COMPACT TORO D	2	1	1	17
4	0002460	COMPONENTES TRAMO II IZQDA COMPACT TORO D	1	1	-	19
5	0002461	COMPONENTES TRAMO III COMPACT TORO D	1	1	1	21
6	0000658	TOPE INFERIOR ULK XL	10	8	6	-
7	0001160	TORNILLO DIN7991 M08X35 10.9 ZN	20	16	12	-
8	0000080	TUERCA DIN985 M08 ZN	20	16	12	-
9	0001393	PLANCHA SUPERIOR ULK 600XL	1	1	1	-
10	0001591	PLANCHA CENTRAL ULK XL	1	1	1	-
11	0001926	PLANCHA INFERIOR XL	1	1	1	-
12	0000166	TORNILLO DIN912 M10X025 8.8 ZN	2	2	2	-
13	0000144	ARANDELA DIN125 M10 ZN	2	2	2	-
14	0000195	TUERCA DIN985 M10 ZN	2	2	2	-
15	0001687	REMACHE DIN7337 4,0X16 ALUMINIO	10	10	10	-
16	0000169	TORNILLO DIN912 M12X035 8.8 ZN	4	4	4	-
17	0000078	ARANDELA DIN125 M12 ZN	6	6	6	-
18	0000077	TUERCA DIN985 M12 ZN	4	4	4	-
19	0003249	BASE TORO C Y D	1	1	1	26
20	0000029	ARANDELA DIN9021 M12 ZN	2	2	2	-
21A	CBL-600	CABLE 07X19+0 DIAM. 6MM LONG.16 M	1	-	-	-
21B	CBL-TORO/ D-403C	CABLE 07X19+0 DIAM. 6MM LONG.13 M	-	1	-	-
21C	CBL-TORO/ C-301C	CABLE 07X19+0 DIAM. 6MM LONG.9,4 M	-	-	1	-

Nr. 3: REF. 0002311 - COMPONENTES CARRITO / *FORK CARRIAGE COMPONENTS*



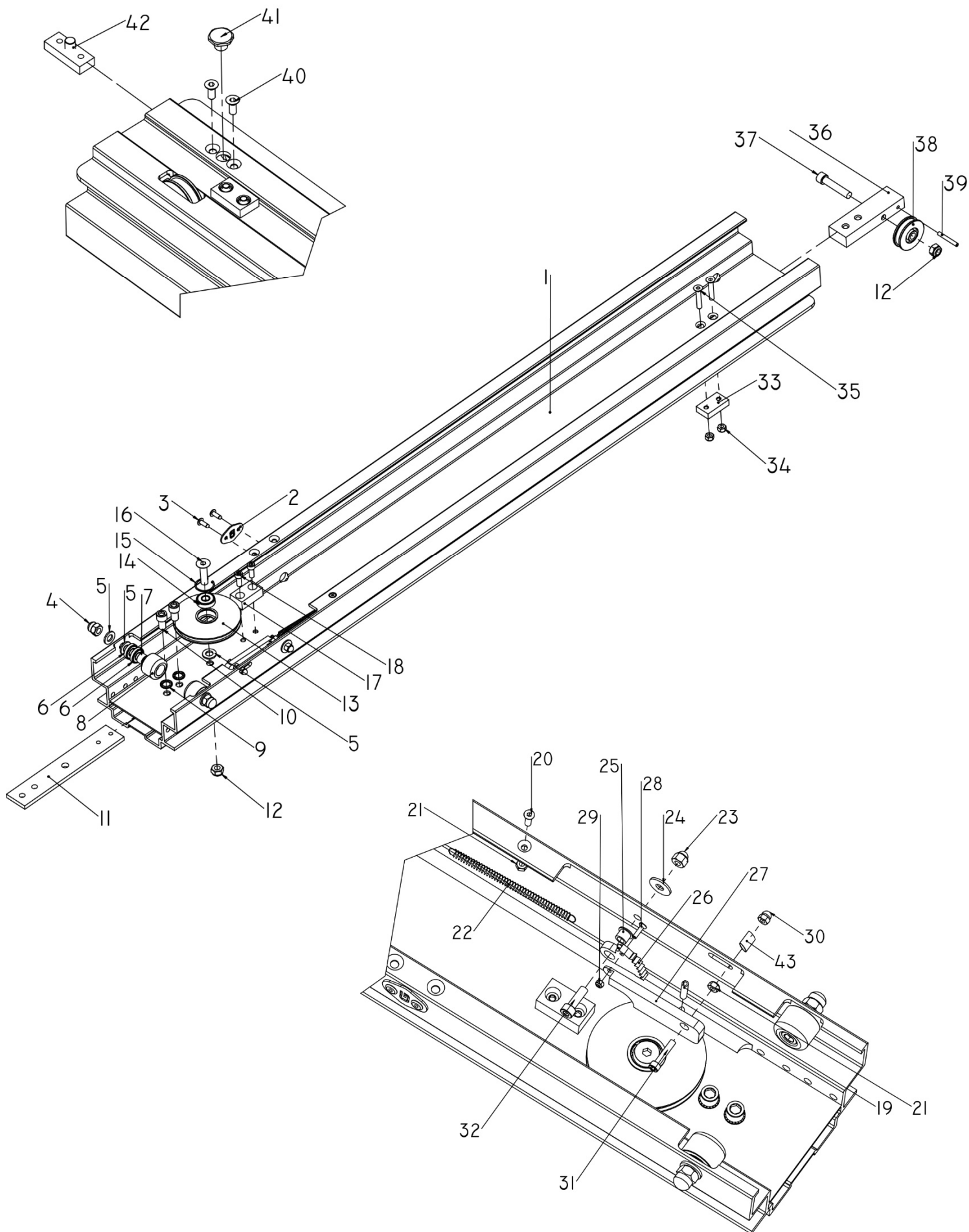
NUM	REF	DENOMINACIÓN / DESCRIPTION	CANT/QTY
1	0001535	PERFIL CARRITO ULK 800-650XL	1
2	0002183	TAPITA ALUMINIO LETRA G	1
3	0000419	REMACHE DIN7337 6,0X20 ALUMINIO	2
4	0000147	TUERCA DIN1587 M12 ZN	4
5	0000078	ARANDELA DIN125 M12 ZN	9
6	0000073	RODAMIENTO RADIAL 012X28X07	8
7	0000169	TORNILLO DIN912 M12X035 8.8 ZN	4
8	0001354	RUEDA GUIA ULK 600XL	4
9	0000199	ARANDELA DENTADA DIN6798-A M12 ZN	2
10	0000163	TORNILLO DIN912 M12X020 8.8 ZN	2
11	0000585	PLETINA DE REFUERZO ULK XL	1
12	0000077	TUERCA DIN985 M12 ZN	1
13	0001358	POLEA ULK XL	1
14	0002044	RODAMIENTO RADIAL 012X32X10	1
15	0002138	ANILLO SEGURIDAD DIN472 I32	1
16	0002768	TORNILLO DIN7991 M12X045 10.9 ZN	1
17	0000059	TOPE	1
18	0000320	TORNILLO DIN912 M08X020 8.8 ZN	2
19	0001387	PASADOR ELASTICO DIN1481 06X28	1
20	0000448	TORNILLO DIN7991 M06X020 10.9 ZN	1
21	0000445	TUERCA DIN985 M06 ZN	2
22	0001141	MUELLE TRACCION 56X8X82X0,5	1
23	0002341	CANCAMO DIN582 M08 GALVANIZADO	1
24	0000140	ARANDELA DIN9021 M08 ZN	1
25	0001140	CASQUILLO GARRA SEGURO	1
26	0001309	GARRA SEGURO	1
27	0001308	PENDULO SEGURO	1
28	0001143	TORNILLO DIN7991 M04X16 10.9 ZN	1
29	0001142	TUERCA DIN985 M04 ZN	1
30	0000826	TUERCA DIN1587 M06 ZN	1
31	0001145	TORNILLO DIN912 M06X030 8.8 ZN	1
32	0000224	TORNILLO DIN912 M08X025 8.8 ZN	1
33	0002775	TUBO TERMORETRACTIL 9.5 MM ROJO	16 MM

Nr. 4: REF. 0002459 - COMPONENTES TRAMO I IZQUIERDA / 1st PROFILE COMPONENTS - LEFT



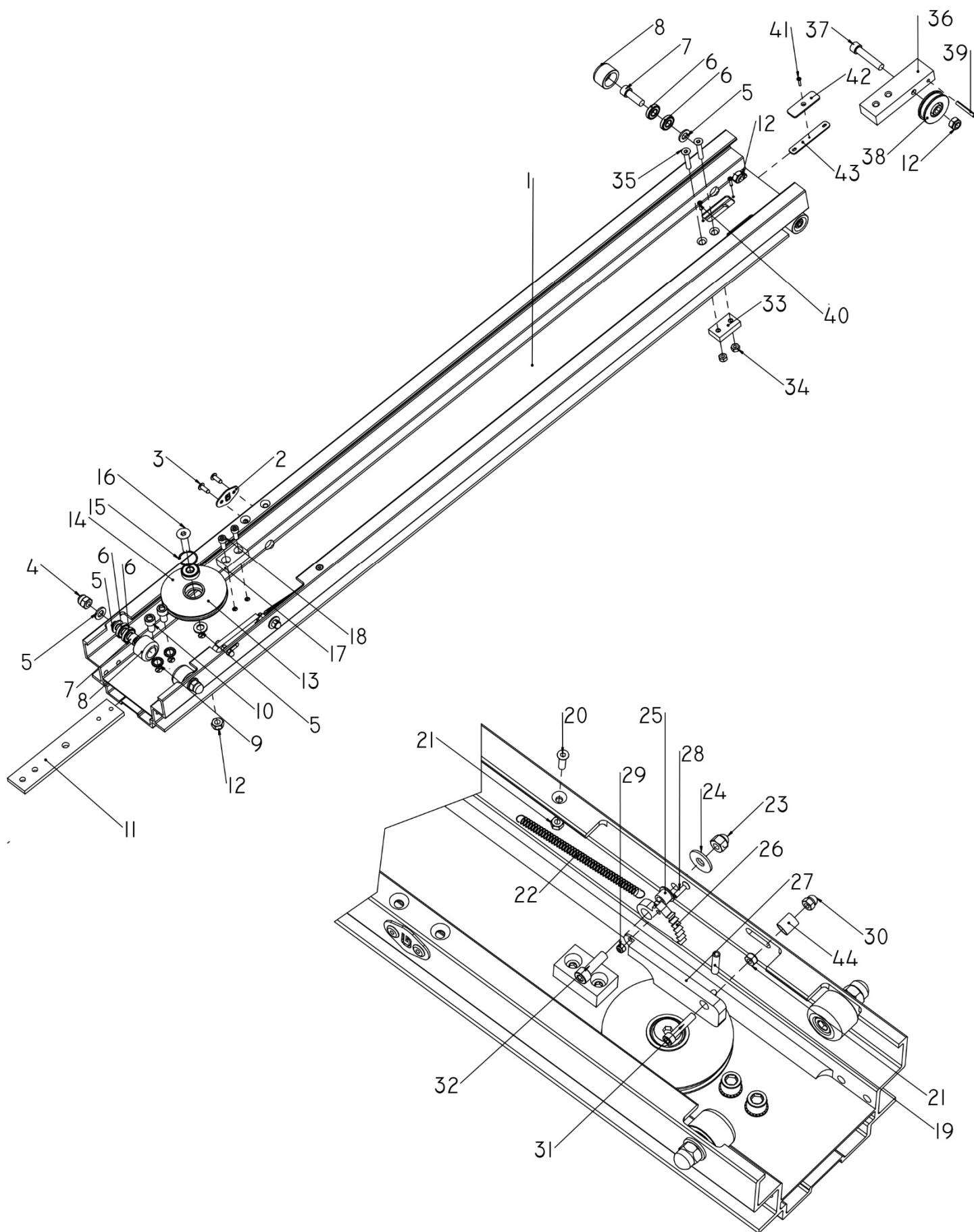
NUM	REF	DENOMINACIÓN / DESCRIPTION	CANT/QTY
1	0001364	PERFIL I ULK 600XL	1
2	0002183	TAPITA ALUMINIO LETRA G	1
3	0002313	REMACHE DIN7337 6,0X16 ALUMINIO	2
4	0000147	TUERCA DIN1587 M12 ZN	2
5	0000078	ARANDELA DIN125 M12 ZN	5
6	0000073	RODAMIENTO RADIAL 012X28X07	4
7	0000169	TORNILLO DIN912 M12X035 8.8 ZN	2
8	0001354	RUEDA GUIA ULK 600XL	2
9	0000199	ARANDELA DENTADA DIN6798-A M12 ZN	2
10	0000163	TORNILLO DIN912 M12X020 8.8 ZN	2
11	0000585	PLETINA DE REFUERZO ULK XL	1
12	0000077	TUERCA DIN985 M12 ZN	2
13	0001358	POLEA ULK XL	1
14	0002044	RODAMIENTO RADIAL 012X32X10	1
15	0002138	ANILLO SEGURIDAD DIN472 I32	1
16	0002768	TORNILLO DIN7991 M12X045 10.9 ZN	1
17	0000059	TOPE	1
18	0000320	TORNILLO DIN912 M08X020 8.8 ZN	2
19	0001387	PASADOR ELASTICO DIN1481 06X28	1
20	0000448	TORNILLO DIN7991 M06X020 10.9 ZN	1
21	0000445	TUERCA DIN985 M06 ZN	2
22	0001141	MUELLE TRACCION 56X8X82X0,5	1
23	0000716	TUERCA DIN1587 M08 ZN	1
24	0000140	ARANDELA DIN9021 M08 ZN	1
25	0001140	CASQUILLO GARRA SEGURO	1
26	0001309	GARRA SEGURO	1
27	0001308	PENDULO SEGURO	1
28	0001143	TORNILLO DIN7991 M04X16 10.9 ZN	1
29	0001142	TUERCA DIN985 M04 ZN	1
30	0000826	TUERCA DIN1587 M06 ZN	1
31	0001145	TORNILLO DIN912 M06X030 8.8 ZN	1
32	0000224	TORNILLO DIN912 M08X025 8.8 ZN	1
33	0000657	TOPE SUPERIOR ULK XL	1
34	0000080	TUERCA DIN985 M08 ZN	2
35	0001317	TORNILLO DIN7991 M08X045 10.9 ZN	2
36	0001766	SOPORTE POLEA IZQUIERDA ULK XL	1
37	0002137	TORNILLO DIN912 M12X060 8.8 ZN	1
38	0000617	POLEA DE COMPRA DE 60X10	1
39	0001407	PASADOR ELASTICO DIN1481 06X45	1
40	0000075	TORNILLO DIN7991 M08X020 10.9 ZN	2
41	0001362	ENGANCHE SUJETA CABLE ULK600XL	1
42	0001384	AMARRE CABLE ULK 600 XL	1
43	0002775	TUBO TERMORETRACTIL 9.5 MM ROJO	16 MM

Nr. 5: REF. 0002463 - COMPONENTES TRAMO I DERECHA / 1st PROFILE COMPONENTS - RIGHT



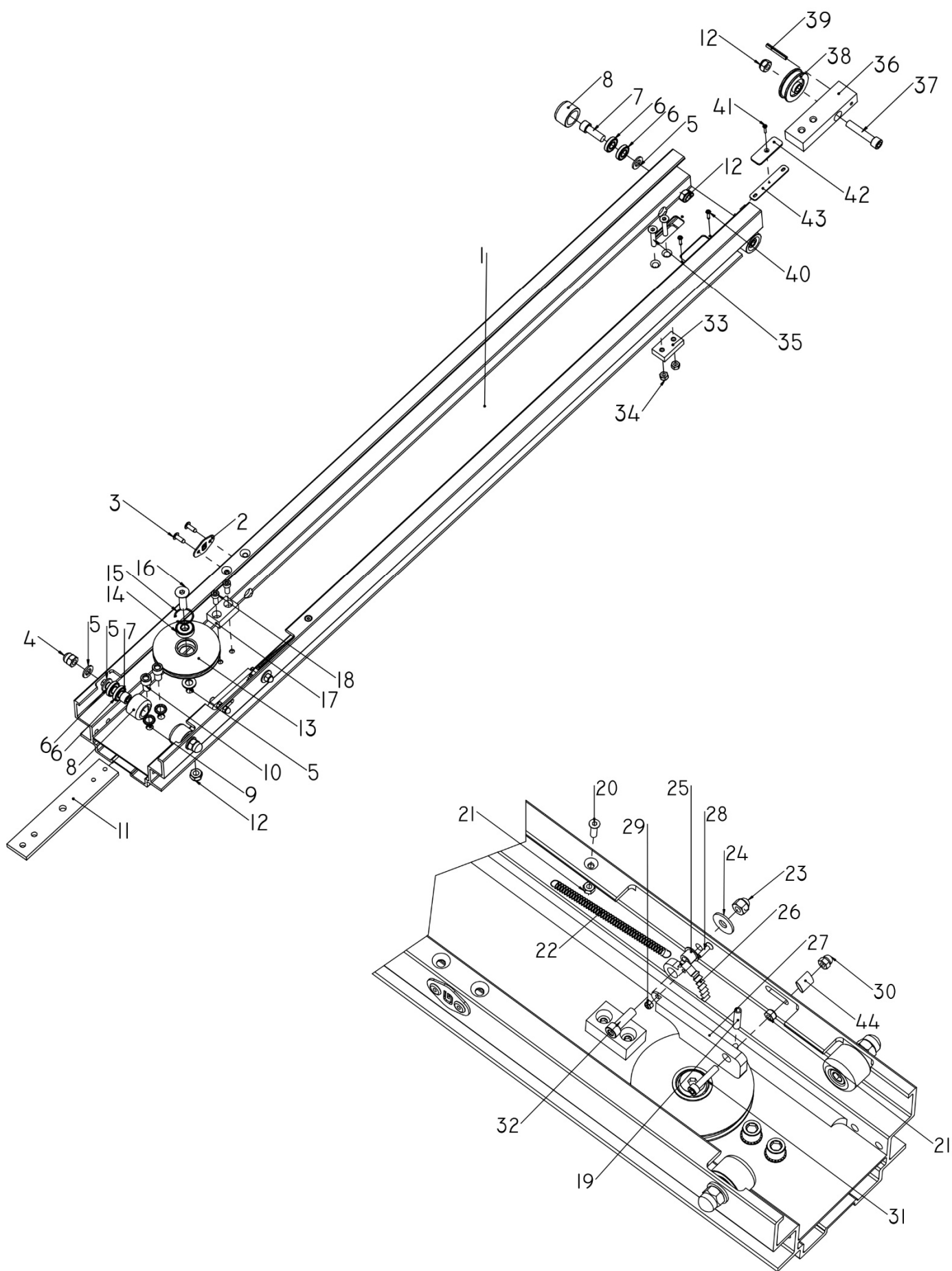
NUM	REF	DENOMINACIÓN / DESCRIPTION	CANT/QTY
1	0002098	PERFIL I TORO 5000 D	1
2	0002183	TAPITA ALUMINIO LETRA G	1
3	0002313	REMACHE DIN7337 6,0X16 ALUMINIO	2
4	0000147	TUERCA DIN1587 M12 ZN	2
5	0000078	ARANDELA DIN125 M12 ZN	5
6	0000073	RODAMIENTO RADIAL 012X28X07	4
7	0000169	TORNILLO DIN912 M12X035 8.8 ZN	2
8	0001354	RUEDA GUIA ULK 600XL	2
9	0000199	ARANDELA DENTADA DIN6798-A M12 ZN	2
10	0000163	TORNILLO DIN912 M12X020 8.8 ZN	2
11	0000585	PLETINA DE REFUERZO ULK XL	1
12	0000077	TUERCA DIN985 M12 ZN	2
13	0001358	POLEA ULK XL	1
14	0002044	RODAMIENTO RADIAL 012X32X10	1
15	0002138	ANILLO SEGURIDAD DIN472 I32	1
16	0002768	TORNILLO DIN7991 M12X045 10.9 ZN	1
17	0000059	TOPE	1
18	0000320	TORNILLO DIN912 M08X020 8.8 ZN	2
19	0001387	PASADOR ELASTICO DIN1481 06X28	1
20	0000448	TORNILLO DIN7991 M06X020 10.9 ZN	1
21	0000445	TUERCA DIN985 M06 ZN	2
22	0001141	MUELLE TRACCION 56X8X82X0,5	1
23	0000716	TUERCA DIN1587 M08 ZN	1
24	0000140	ARANDELA DIN9021 M08 ZN	1
25	0001140	CASQUILLO GARRA SEGURO	1
26	0001309	GARRA SEGURO	1
27	0001308	PENDULO SEGURO	1
28	0001143	TORNILLO DIN7991 M04X16 10.9 ZN	1
29	0001142	TUERCA DIN985 M04 ZN	1
30	0000826	TUERCA DIN1587 M06 ZN	1
31	0001145	TORNILLO DIN912 M06X030 8.8 ZN	1
32	0000224	TORNILLO DIN912 M08X025 8.8 ZN	1
33	0000657	TOPE SUPERIOR ULK XL	1
34	0000080	TUERCA DIN985 M08 ZN	2
35	0001317	TORNILLO DIN7991 M08X045 10.9 ZN	2
36	0001765	SOPORTE POLEA DERECHA ULK XL	1
37	0002137	TORNILLO DIN912 M12X060 8.8 ZN	1
38	0000617	POLEA DE COMPRA DE 60X10	1
39	0001407	PASADOR ELASTICO DIN1481 06X45	1
40	0000075	TORNILLO DIN7991 M08X020 10.9 ZN	2
41	0001362	ENGANCHE SUJETA CABLE ULK600XL	1
42	0001384	AMARRE CABLE ULK 600 XL	1
43	0002775	TUBO TERMORETRACTIL 9.5 MM ROJO	16 MM

Nr. 6: REF. 0002462 - COMPONENTES TRAMO II DERECHA / 2nd PROFILE COMPONENTS - RIGHT



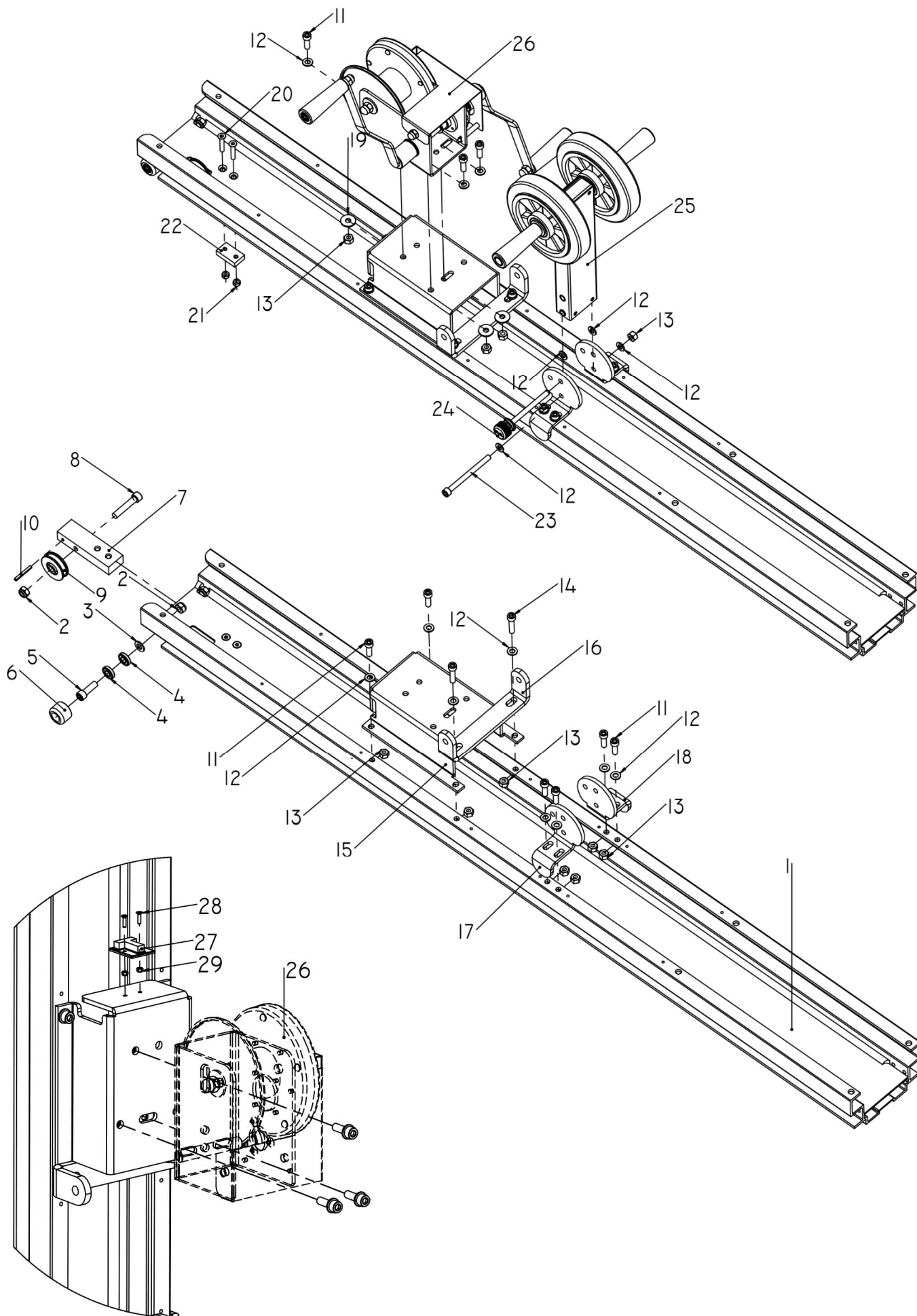
NUM	REF	DENOMINACIÓN / DESCRIPTION	CANT/QTY
1	0001365	PERFIL II ULK 600XL	1
2	0002183	TAPITA ALUMINIO LETRA G	1
3	0002313	REMACHE DIN7337 6,0X16 ALUMINIO	2
4	0000147	TUERCA DIN1587 M12 ZN	2
5	0000078	ARANDELA DIN125 M12 ZN	7
6	0000073	RODAMIENTO RADIAL 012X28X07	8
7	0000169	TORNILLO DIN912 M12X035 8.8 ZN	4
8	0001354	RUEDA GUIA ULK 600XL	4
9	0000199	ARANDELA DENTADA DIN6798-A M12 ZN	2
10	0000163	TORNILLO DIN912 M12X020 8.8 ZN	2
11	0000585	PLETINA DE REFUERZO ULK XL	1
12	0000077	TUERCA DIN985 M12 ZN	4
13	0001358	POLEA ULK 600 XL	1
14	0002044	RODAMIENTO RADIAL 012X32X10	1
15	0002138	ANILLO SEGURIDAD DIN472 I32	1
16	0002768	TORNILLO DIN7991 M12X045 10.9 ZN	1
17	0000059	TOPE	1
18	0000320	TORNILLO DIN912 M08X020 8.8 ZN	2
19	0001387	PASADOR ELASTICO DIN1481 06X28	1
20	0000448	TORNILLO DIN7991 M06X020 10.9 ZN	1
21	0000445	TUERCA DIN985 M06 ZN	2
22	0001141	MUELLE TRACCION 56X8X82X0,5	1
23	0000716	TUERCA DIN1587 M08 ZN	1
24	0000140	ARANDELA DIN9021 M08 ZN	1
25	0001140	CASQUILLO GARRA SEGURO ULKXL	1
26	0001309	GARRA SEGURO ULK 500	1
27	0001308	PENDULO SEGURO ULK 500	1
28	0001143	TORNILLO DIN7991 M04X16 10.9 ZN	1
29	0001142	TUERCA DIN985 M04 ZN	1
30	0000826	TUERCA DIN1587 M06 ZN	1
31	0001145	TORNILLO DIN912 M06X030 8.8 ZN	1
32	0000224	TORNILLO DIN912 M08X025 8.8 ZN	1
33	0000657	TOPE SUPERIOR ULK XL	1
34	0000080	TUERCA DIN985 M08 ZN	2
35	0001317	TORNILLO DIN7991 M08X045 10.9 ZN	2
36	0001765	SOPORTE POLEA DERECHA ULK XL	1
37	0002137	TORNILLO DIN912 M12X060 8.8 ZN	1
38	0000617	POLEA DE COMPRA DE 60X10	1
39	0001407	PASADOR ELASTICO DIN1481 06X45	1
40	0001687	REMACHE DIN7337 4,0X16 ALUMINIO	2
41	0002042	TORNILLO DIN7982 3.9X19 ZN	1
42	0001711	TAPITA ALUMINIO ULK 600	1
43	0001712	ENGANCHE TAPITA ALUMINIO	1
44	0002775	TUBO TERMORETRACTIL 9.5 MM ROJO	16 MM

Nr. 7: REF. 0002460 - COMPONENTES TRAMO II IZQUIERDA / 2nd PROFILE COMPONENTS - LEFT



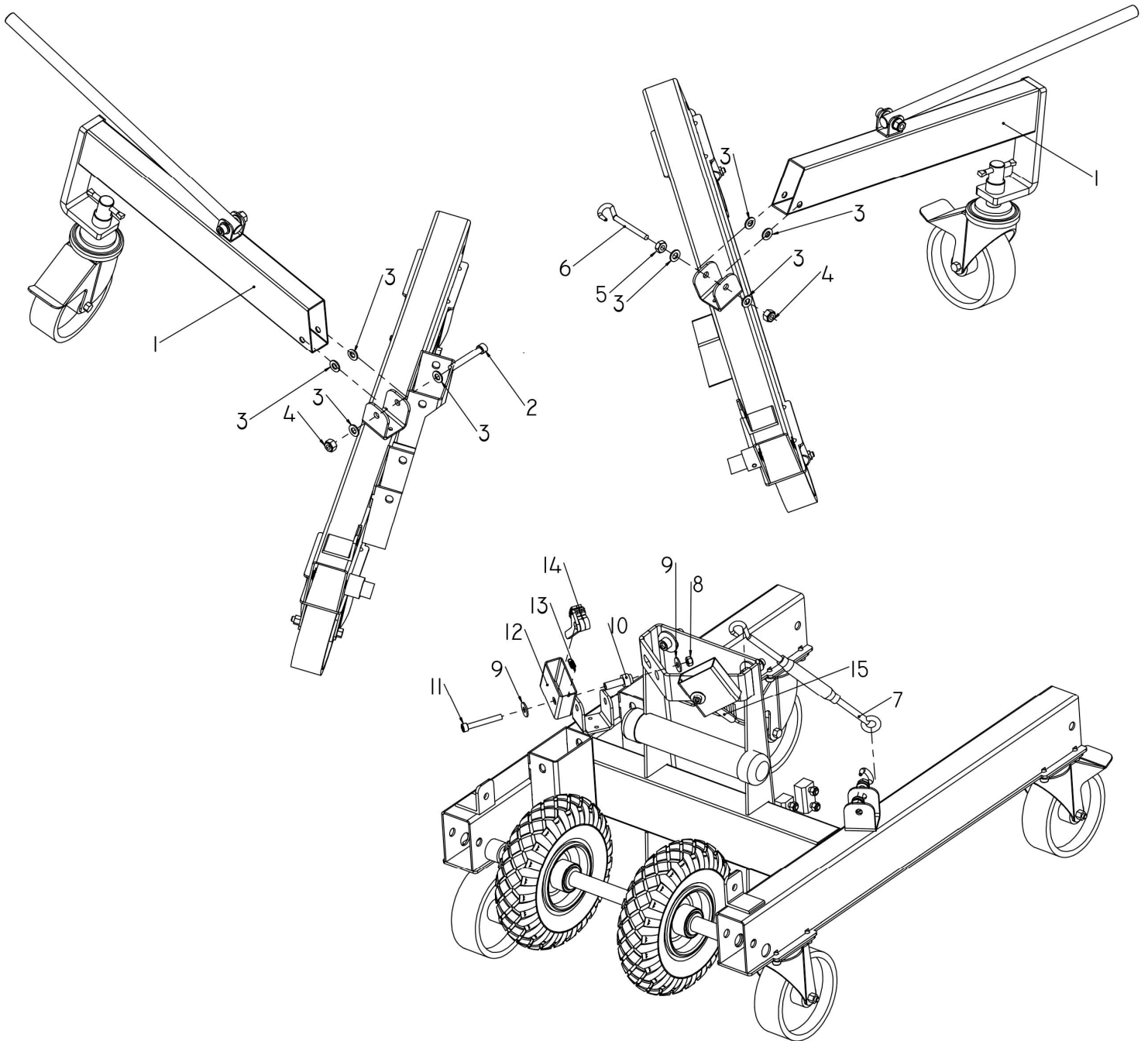
NUM	REF	DENOMINACIÓN / DESCRIPTION	CANT/QTY
1	0001365	PERFIL II ULK 600XL	1
2	0002183	TAPITA ALUMINIO LETRA G	1
3	0002313	REMACHE DIN7337 6,0X16 ALUMINIO	2
4	0000147	TUERCA DIN1587 M12 ZN	2
5	0000078	ARANDELA DIN125 M12 ZN	7
6	0000073	RODAMIENTO RADIAL 012X28X07	8
7	0000169	TORNILLO DIN912 M12X035 8.8 ZN	4
8	0001354	RUEDA GUIA ULK 600XL	4
9	0000199	ARANDELA DENTADA DIN6798-A M12 ZN	2
10	0000163	TORNILLO DIN912 M12X020 8.8 ZN	2
11	0000585	PLETINA DE REFUERZO ULK XL	1
12	0000077	TUERCA DIN985 M12 ZN	4
13	0001358	POLEA ULK 600 XL	1
14	0002044	RODAMIENTO RADIAL 012X32X10	1
15	0002138	ANILLO SEGURIDAD DIN472 I32	1
16	0002768	TORNILLO DIN7991 M12X045 10.9 ZN	1
17	0000059	TOPE	1
18	0000320	TORNILLO DIN912 M08X020 8.8 ZN	2
19	0001387	PASADOR ELASTICO DIN1481 06X28	1
20	0000448	TORNILLO DIN7991 M06X020 10.9 ZN	1
21	0000445	TUERCA DIN985 M06 ZN	2
22	0001141	MUELLE TRACCION 56X8X82X0,5	1
23	0000716	TUERCA DIN1587 M08 ZN	1
24	0000140	ARANDELA DIN9021 M08 ZN	1
25	0001140	CASQUILLO GARRA SEGURO ULKXL	1
26	0001309	GARRA SEGURO ULK 500	1
27	0001308	PENDULO SEGURO ULK 500	1
28	0001143	TORNILLO DIN7991 M04X16 10.9 ZN	1
29	0001142	TUERCA DIN985 M04 ZN	1
30	0000826	TUERCA DIN1587 M06 ZN	1
31	0001145	TORNILLO DIN912 M06X030 8.8 ZN	1
32	0000224	TORNILLO DIN912 M08X025 8.8 ZN	1
33	0000657	TOPE SUPERIOR ULK XL	1
34	0000080	TUERCA DIN985 M08 ZN	2
35	0001317	TORNILLO DIN7991 M08X045 10.9 ZN	2
36	0001766	SOPORTE POLEA IZQUIERDA ULK XL	1
37	0002137	TORNILLO DIN912 M12X060 8.8 ZN	1
38	0000617	POLEA DE COMPRA DE 60X10	1
39	0001407	PASADOR ELASTICO DIN1481 06X45	1
40	0001687	REMACHE DIN7337 4,0X16 ALUMINIO	2
41	0002042	TORNILLO DIN7982 3.9X19 ZN	1
42	0001711	TAPITA ALUMINIO ULK 600	1
43	0001712	ENGANCHE TAPITA ALUMINIO	1
44	0002775	TUBO TERMORETRACTIL 9.5 MM ROJO	16 MM

Nr. 8: REF. 0002461 - COMPONENTES TRAMO III / 3rd PROFILE COMPONENTS



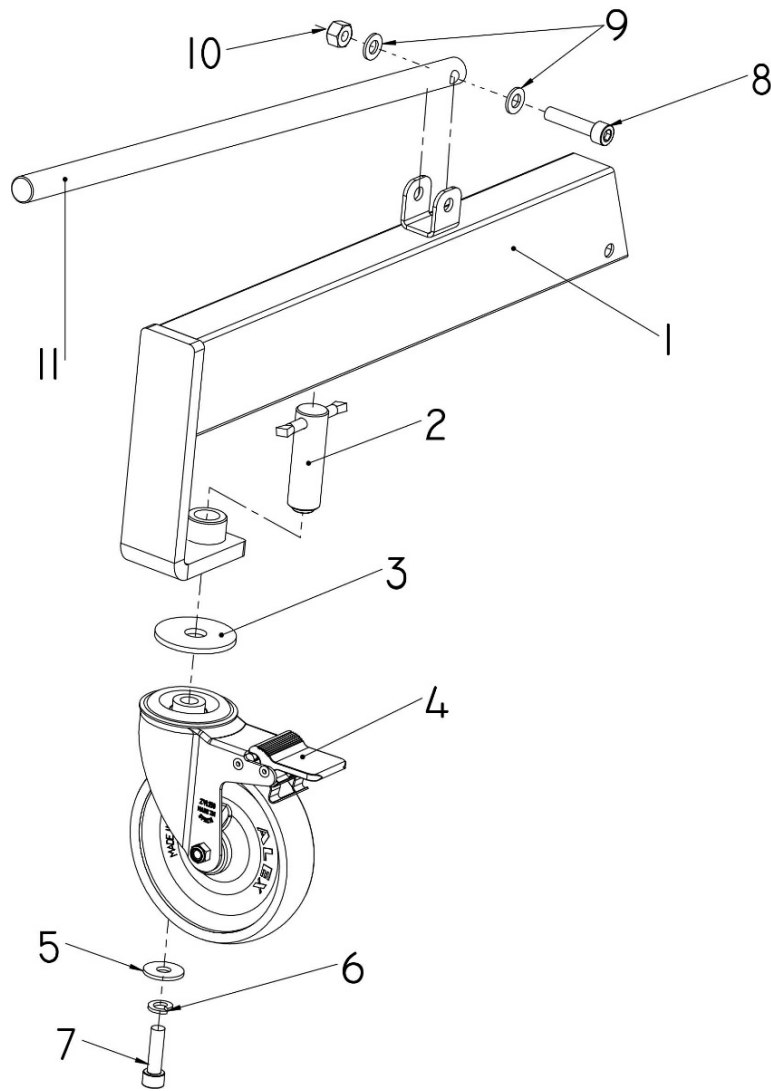
NUM	REF	DENOMINACIÓN / DESCRIPTION	CANT/QTY	PÁG/PAGE
1	0001366	PERFIL III ULK 600XL	1	-
2	0000077	TUERCA DIN985 M12 ZN	3	-
3	0000078	ARANDELA DIN125 M12 ZN	2	-
4	0000073	RODAMIENTO RADIAL 012X28X07	4	-
5	0000169	TORNILLO DIN912 M12X035 8.8 ZN	2	-
6	0001354	RUEDA GUIA ULK 600XL	2	-
7	0001766	SOPORTE POLEA IZQUIERDA ULK XL	1	-
8	0002137	TORNILLO DIN912 M12X060 8.8 ZN	1	-
9	0000617	POLEA DE COMPRA DE 60X10	1	-
10	0001407	PASADOR ELASTICO DIN1481 06X45	1	-
11	0000242	TORNILLO DIN912 M10X030 8.8 ZN	9	-
12	0000144	ARANDELA DIN125 M10 ZN	15	-
13	0000195	TUERCA DIN985 M10 ZN	12	-
14	0001934	TORNILLO DIN912 M10X040 8.8 ZN	2	-
15	0002356	AMARRE CABRESTANTE/TALADRO TORO D	1	-
16	0001585	ENGANCHE PARA DOS TENSORES	1	-
17	0001741	ENGANCHES RUEDAS 200-DERECHO	1	-
18	0001742	ENGANCHES RUEDAS 200-IZQUIERDO	1	-
19	0000194	ARANDELA DIN9021 M10 ZN	3	-
20	0001317	TORNILLO DIN7991 M08X045 10.9 ZN	2	-
21	0000080	TUERCA DIN985 M08 ZN	2	-
22	0000657	TOPE SUPERIOR ULK XL	1	-
23	0002139	TORNILLO DIN912 M10X120 8.8 ZN	1	-
24	0002423	PASADOR IMANTADO LARGO	1	-
25	0002319	RUEDAS MOVILES TORO C Y D	1	25
26	BULL500/2	CABRESTANTE AUTOFRENABLE DOBLE PALANCA	1	-
27	0002413	NIVEL ACRILICO NT29	1	-
28	0001143	TORNILLO DIN7991 M04X016 10.9 ZN	2	-
29	0001142	TUERCA DIN985 M04 ZN	2	-

Nr. 9: REF. 0002343 – SISTEMA DE SUJECIÓN PATAS ABATIBLES / *SIDE STABILISER LEG FASTENING PARTS*



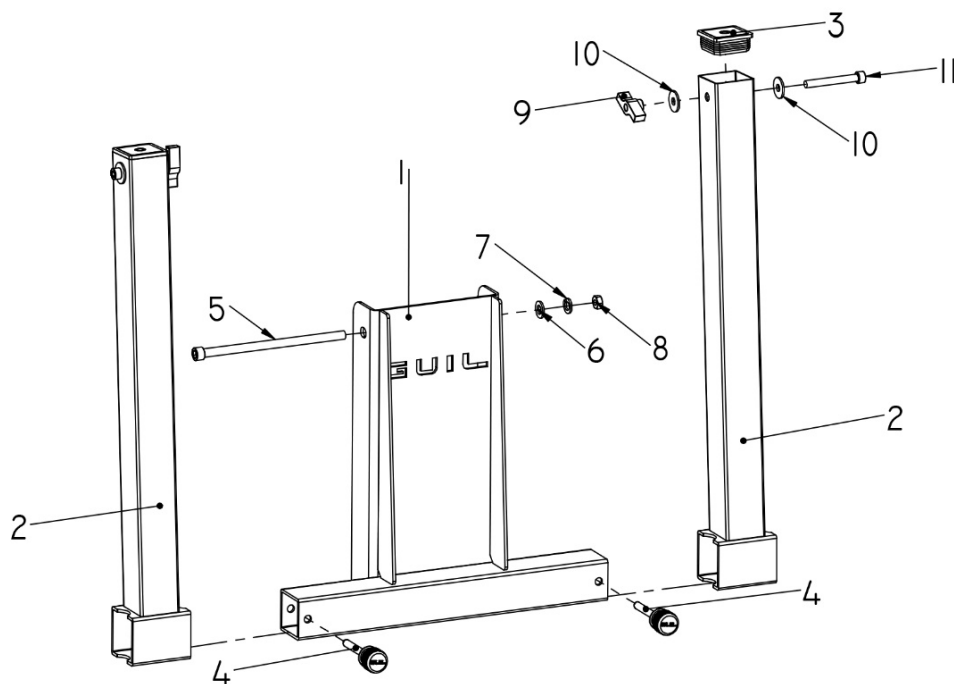
NUM	REF	DENOMINACIÓN / DESCRIPTION	CANT/QTY	PÁG/PAGE
1	0002289	PATA ABATIBLE TORO C Y D	2	24
2	0000927	TORNILLO DIN912 M10X70 8.8 ZN	1	-
3	0000144	ARANDELA DIN125 M10 ZN	8	-
4	0000195	TUERCA DIN985 M10 ZN	2	-
5	0000332	TUERCA DIN934 M10 ZN	1	-
6	0002307	GANCHO M10X70	1	-
7	0002308	TENSOR BLOQUEO TRANSPORTE	1	-
8	0000080	TUERCA DIN985 M08 ZN	2	-
9	0000140	ARANDELA DIN9021 M08 ZN	4	-
10	0001857	EJE SEPARADOR – SISTEMA BLOQUEO	2	-
11	0001440	TORNILLO DIN912 M08X60 8.8 ZN	2	-
12	0000647	CARCASA SISTEMA BLOQUEO	2	-
13	0002859	MUELLE TRACCIÓN 13X8X25X1,2	2	-
14	0002332	GARRA DE SEGURIDAD IZQUIERDA	1	-
15	0002331	GARRA DE SEGURIDAD DERECHA	1	-

Nr. 10: REF. 0002289 - PATA ABATIBLE / SIDE STABILISER LEG



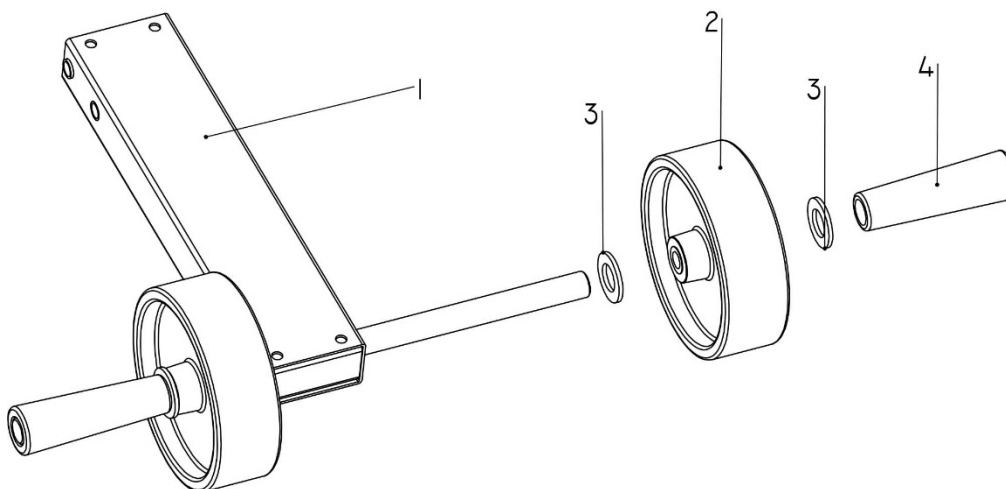
NUM	REF	DENOMINACIÓN / DESCRIPTION	CANT/QTY
1	0002187	SOLDADURA PATA ABATIBLE TORO C Y D	1
2	0002291	HUSILLO NIVELADOR CON VARILLA	1
3	0001925	ARANDELA HUSILLO PATA TORO	1
4	0003358	RUEDA 150 AGUJERO PASANTE FRENO	1
5	0000194	ARANDELA DIN9021 M10 ZN	1
6	0000143	ARANDELA DIN127 M10 ZN	1
7	0000660	TORNILLO DIN912 M10X035 8.8 ZN	1
8	0001937	TORNILLO DIN912 M10X045 8.8 ZN	1
9	0000144	ARANDELA DIN125 M10 ZN	2
10	0000195	TUERCA DIN985 M10 ZN	1
11	0000668	BARRA ESTABILIZADORA ULK 800 XL	1

Nr. 11: REF. HRT-03 - JUEGO DE HORQUILLAS Y FRONTIS / *FORK BRACKET AND FORKS*



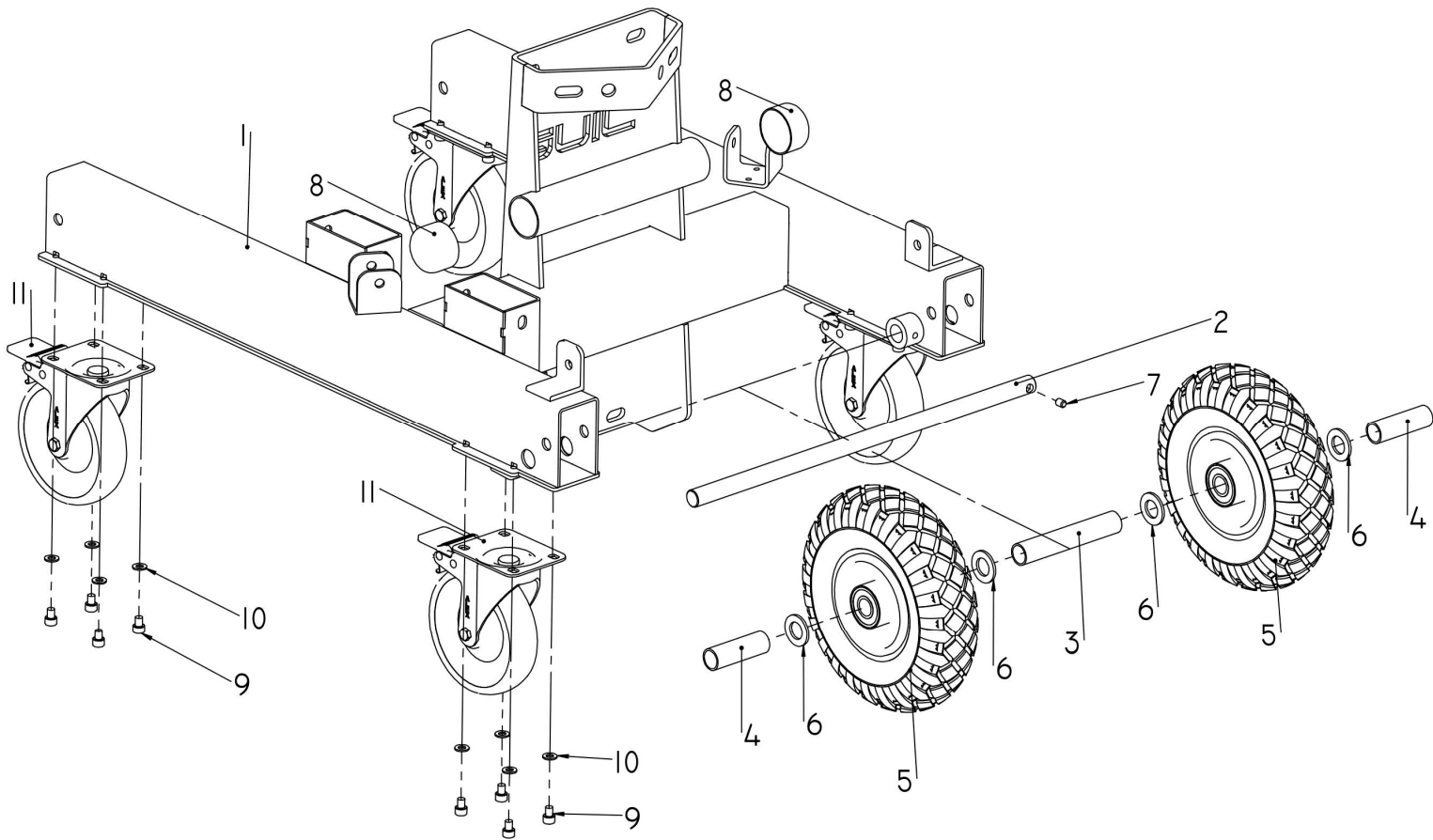
NUM	REF	DENOMINACIÓN / DESCRIPTION	CANT/QTY
1	0002337	FRONTIS TORO D REFORZADO	1
2	0002872	HORQUILLA TORO	2
3	0002897	TACO ROSCADO 60X60X1,5 M10	2
4	0002333	PASADOR IMANTADO CORTO	2
5	0002141	TORNILLO DIN912 M12X220 8.8 ZN	1
6	0000078	ARANDELA DIN125 M12 ZN	1
7	0000182	ARANDELA DIN127 M12 ZN	1
8	0001187	TUERCA DIN934 M12 ZN	1
9	0000336	PALOMILLA 60X24 M10 PASANTE CINCADA	2
10	0000194	ARANDELA DIN9021 M10 ZN	4
11	0002339	TORNILLO DIN912 M10X080 8.8 ZN	2

Nr. 12: REF. 0002319 - RUEDAS ABATIBLES / *TRANSPORTATION WHEELS*



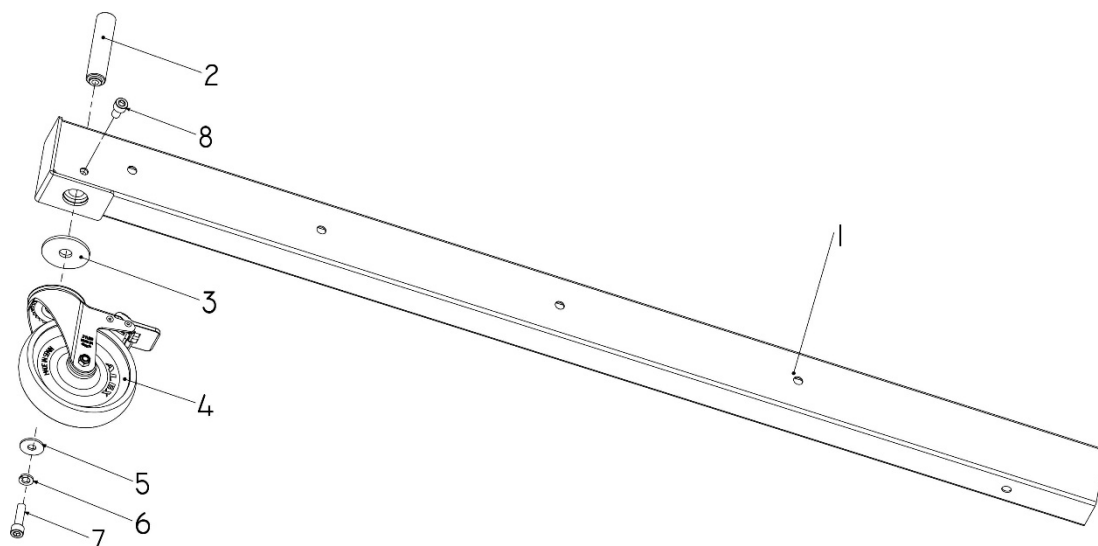
NUM	REF	DENOMINACIÓN / DESCRIPTION	CANT/QTY
1	0002326	SOLDADURA RUEDAS MOVILES	1
2	0003359	ARO 150	2
3	0000130	ARANDELA DIN125 M20 ZN	4
4	0002879	MANGO TRANSPORTE XL	2

Nr. 13: REF. 0003249 - BASE TORO C Y D / *BASE TORO C AND D*



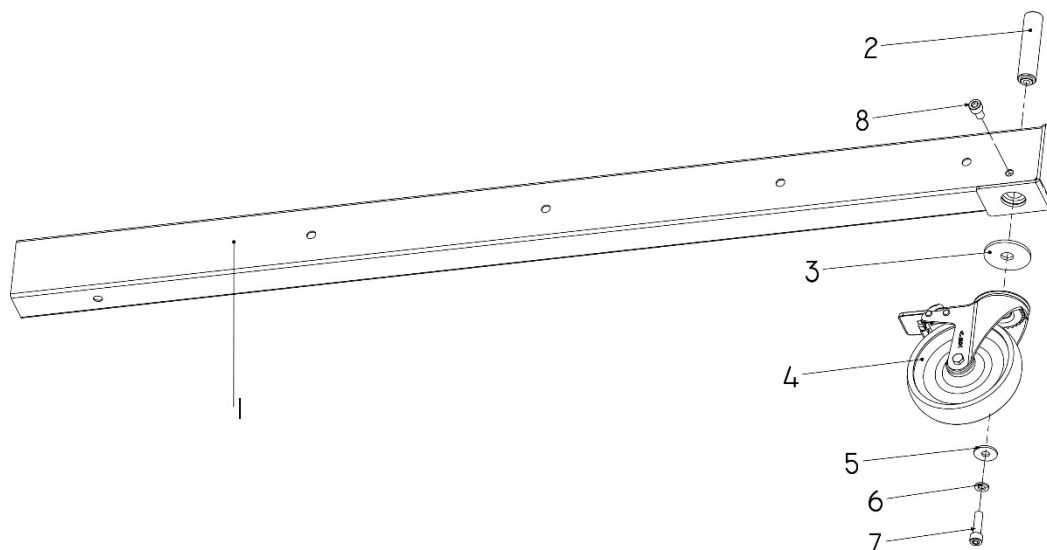
NUM	REF	DENOMINACIÓN / DESCRIPTION	CANT/QTY
1	0003206	SOLDADURA BASE TORO C Y D	1
2	0003246	EJE RUEDAS BASE TORO C/D	1
3	0003247	SEPARADOR RUEDA LARGO TORO C/D	1
4	0003248	SEPARADOR RUEDA CORTO TORO C/D	2
5	0003250	ARO 260 IMPINCHABLE	2
6	0000130	ARANDELA DIN125 M20 ZN	4
7	0002310	TORNILLO DIN912 M08X10 8.8 ZN	1
8	0002129	TAPA GOMA INFORMACION	2
9	0001442	TORNILLO DIN912 M08X010 8.8 ZN	16
10	0000095	ARANDELA DIN125 M08 ZN	16
11	0003357	RUEDA 150 PLETINA FRENO	4

Nr. 14: REF. 0002303 - PATA DERECHA / *RIGHT STABILISER LEG*



NUM	REF	DENOMINACIÓN / DESCRIPTION	CANT/QTY
1	0003306	SOLDADURA PATA DERECHA TORO D	1
2	0001911	HUSILLO PATA TORO	1
3	0001925	ARANDELA HUSILLO PATA TORO	1
4	0003358	RUEDA 150 AGUJERO PASANTE FRENO	1
5	0000194	ARANDELA DIN9021 M10 ZN	1
6	0000143	ARANDELA DIN127 M10 ZN	1
7	0000660	TORNILLO DIN912 M10X035 8.8 ZN	1
8	0001674	TORNILLO DIN912 M10X016 8.8 ZN	1

Nr. 15: REF. 0002304 - PATA IZQUIERDA / *LEFT STABILISER LEG*



NUM	REF	DENOMINACIÓN / DESCRIPTION	CANT/QTY
1	0003307	SOLDADURA PATA IZQUIERDA TORO D	1
2	0001911	HUSILLO PATA TORO	1
3	0001925	ARANDELA HUSILLO PATA TORO	1
4	0003358	RUEDA 150 AGUJERO PASANTE FRENO	1
5	0000194	ARANDELA DIN9021 M10 ZN	1
6	0000143	ARANDELA DIN127 M10 ZN	1
7	0000660	TORNILLO DIN912 M10X035 8.8 ZN	1
8	0001674	TORNILLO DIN912 M10X016 8.8 ZN	1

DECLARACIÓN DE CONFORMIDAD CE / EC-CERTIFICATE OF CONFORMITY

**DECLARACIÓN CE DE CONFORMIDAD
EC-CERTIFICATE OF CONFORMITY**

El Departamento de Investigación y Desarrollo de:
The Research and Development Department of:

GUIL Accesorios Música S.L.

Certifica que los modelos:
Certifies the models:

TORO D-405/C, TORO D-403/C y TORO D-402/C – Elevadores de carga - están fabricados mediante procesos de mecanizado, soldadura (TIG / MIG) y montaje de piezas en acero y aluminio.

TORO D-405/C, TORO D-403/C and TORO D-402/C – Material lifters - are manufactured with steel and aluminium parts by drilling, welding (TIG / MIG) and assembly processes.

Referencia / Reference	TORO D-405/C	TORO D-403/C	TORO D-402/C
Carga Máx. / Max. Weight:	350 kg	400 kg	420 kg
Altura Máx. / Max. Height:	6.00 m	5.00 m	3.85 m

Fabricados en:
Manufactured at the following location:

P.I. La Creu C/ Ismael Tomás Alacreu, 28
46250 L'Alcúdia -Valencia - SPAIN

Estos productos cumplen las exigencias de seguridad según las siguientes Normas y Reglamentos:
These products comply with the requirements of safety according to the following Standards and Regulations:

• Directive 2006/42/CE

Los elevadores de carga modelos **TORO D-405/C, TORO D-403/C y TORO D-402/C** están sometidas a los controles de seguridad y pruebas de resistencia realizadas en la fábrica de producción.
TORO D-405/C, TORO D-403/C and TORO D-402/C material lifters are submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory.

El presente certificado es válido salvo suspensión o retirada notificada con tiempo.
This Certificate is valid unless it is cancelled or withdraw upon written notification.

La persona facultada para elaborar el Expediente Técnico es: Salvador Gascó García, realizado en P.I. La Creu C/Ismael Tomás Alacreu, 28 – 46250 – L'Alcúdia, Valencia (SPAIN).
The qualified person to create this technical report is: Salvador Gascó García, carried out at the following address P.I. La Creu C/Ismael Tomás Alacreu, 28 – 46250 – L'Alcúdia, Valencia (SPAIN).

Ingeniero-Jefe
Chief Engineer



Fecha de emisión
Issued on
2019-11-26

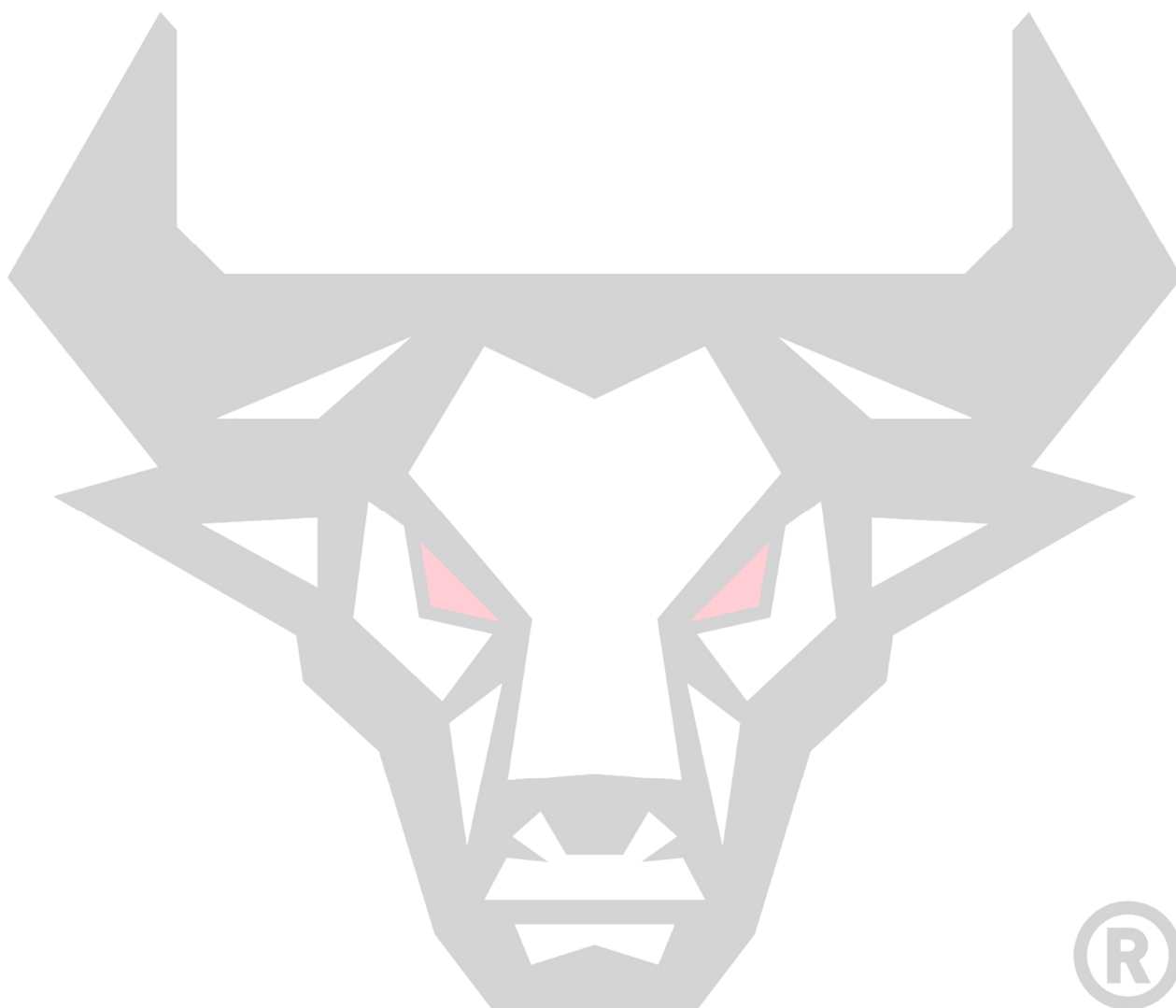
Dipl.-Ing. S. Gascó

LIBRO DE MANTENIMIENTO / MAINTENANCE RECORD

Referencia de la torre / Tower reference and serial number: _____

<p>Servicio realizado por / Checked by: Fecha / Date: Operación / Tested elements:</p>
<p>Servicio realizado por / Checked by: Fecha / Date: Operación / Tested elements:</p>
<p>Servicio realizado por / Checked by: Fecha / Date: Operación / Tested elements:</p>
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