



USER GUIDE

EVACUATION CHAIR PS-251

Review 2021/07



INDEX

01	INTRODUCTION.....	05
01.1	Using this manual.....	05
01.2	Legend of symbols.....	05
01.3	Servicing request.....	05
01.4	Demolition.....	06
01.5	Labelling.....	06
01.6	Contraindications and adverse effects.....	06
01.7	Physical requirements of the operators.....	06
01.8	Intended purpose.....	07
01.9	General warnings.....	07
01.10	Specific warnings.....	09
01.11	Residual risk.....	11
01.12	Reference standards.....	11
01.13	Life span.....	11
02	PRODUCT DESCRIPTION.....	12
02.1	Main components.....	12
02.2	Technical data sheet.....	13
02.3	Features.....	13
03	OPERATION.....	14
03.1	Transport and storage.....	14
03.2	Preparation.....	14
03.3	Functioning.....	15
03.4	Troubleshooting.....	17
04	GENERAL MAINTENANCE.....	18
05	SPARE PARTS.....	19
06	TRAINING REGISTER.....	20
07	MAINTENANCE REGISTER.....	21
08	LEGAL NOTICES.....	22
09	PRODUCT WARRANTY.....	23



01 INTRODUCTION












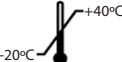
01.1 Using of manual

The manual provides using and maintenance instructions of the product as well as technical aspects, functioning, spare parts and safety.

It is recommended before the operation of the product to read carefully this manual in order to avoid damages caused by a misuse.

Do not lose this document. It should be accessible to any doubt that could appear by medical personnel. Remember that a good use and maintenance are necessary for the proper operation of the product.

01.2 Legend of Symbols

SYMBOL	EXPLANATION / DESCRIPTION
	MANUFACTURER symbol. This symbol is accompanied by the name and address of the manufacturer, adjacent to the symbol (PRODUCTOS METÁLICOS DEL BAGÉS S.L., Ctra. C-16 Km 59.5, 08650 Sallent (Barcelona)).
	Indicates the manufacturer's reference number to identify the medical device. PROMEBA, S.L. uses this symbol to set each internal reference for each configuration and business variant.
	Indicates the manufacturer's serial number to identify a specific medical device.
	Indicates the manufacturing date. The symbol must be accompanied by a manufacturing date (yyyy-mm), adjacent to the symbol.
	It is placed to inform that the product is a "Medical Device".
	CE symbol without the intervention of a Notified Organism, as a Medical Device classified as Class I according to the EU Regulation 2017/745 on Medical Devices.
	Symbol for the Unique Device Identifier.
	Symbol "See instructions for use or operating instructions".
	Symbol "caution". This symbol is placed to warn of the need for the user to refer to important precautionary information in the operating instructions, such as warnings and cautions not otherwise found on the label.
	Symbol "Caution". For a general warning.
	Warning, crushing of hands
	Indicates the temperature limits. The upper and lower temperature limits should be indicated adjacent to the horizontal lines.

01.3 Servicing request

For information of the correct interpretation of the instruction manual, the use, maintenance, installation and restoration of the product, please contact Promeba customer service: T. 93 837 12 00, email promeba@promeba.com or write to PROMEBA, S.L. - Ctra C-16 Km 59.5 · 08650 Sallent (Barcelona) · SPAIN.

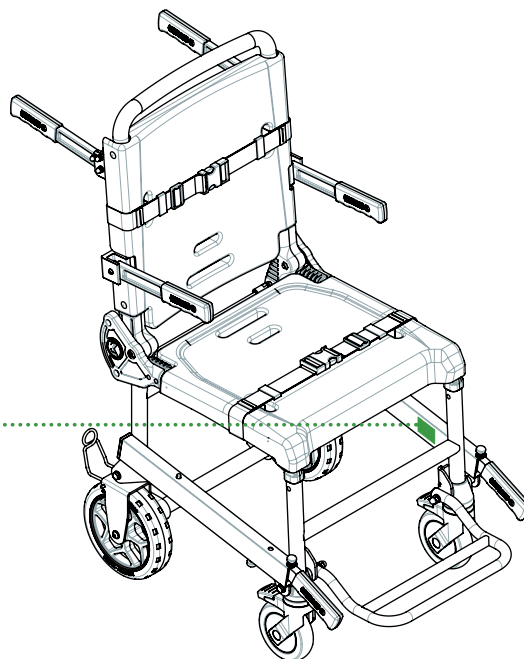
01 INTRODUCTION

01.4 Demolition

When the devices are no longer suitable for use, if they have not been contaminated by any particular agent, they can be disposed of as normal solid waste, otherwise, follow the current demolition regulations.

01.5 Labelling

Each product incorporates an identification label, placed on the device itself and/or on the box. It must never be removed or covered. This label includes the serial number and the product code. Please keep these numbers so you can inform the dealer if necessary.



01.6 Contraindications and adverse effects

The use of this device, if used as described in this manual, does not present any contraindications or collateral effects.

01.7 Physical requirements of the operators

Promeba evacuation chair is destined to professional use only.

The operators must be trained in efficient, effective and safe patient transport and must have the following minimum requirements:

- Physical capacity for operating the device
- Be able to seize the device firmly with both hands
- Have strong back, arms and legs for lifting, pushing and pulling the chair
- Have a good muscular coordination

It is recommended the employment of two operators equipped with strength, balance, coordination and common sense. Patient loading procedures for extremely heavy patients, operations in rough terrain and in particular situations more operators may be needed.



The capacities of the various operators must be considered before determining his role in the employment of the stretcher.

01 INTRODUCTION

01.8 Intended purpose

The EVACUATION CHAIR product is designed to load and transport patients in a sitting position from the rescue site to the ambulance or other device.

When anchoring the electric track, the product ELECTRIC CHAIR is indicated to effortlessly transport patients (over 40kg) in hospital and pre-hospital environments thanks to its electric transport function when going up and down stairs.

01.9 General warnings

1. The product must be used by trained personnel only, having attended specific training for this device and not for similar products.
2. At least every 6 months, is important to verify if updated User Manuals are available or there is any change involving your product. This information is freely available on the website <http://promeba.com/>
3. Training routines must be registered on a special register in which the names of those trained, of the trainers, date and place are indicated. This register, which will certify the eligibility of the operators to use the Promeba, S.L. device, has to be kept for a period of 10 years after the disposal of the device itself. This register will be made available to the competent authorities and/or manufacturer if requested.
4. Promeba, S.L. is always at your disposal to plan trainings on products.
5. Before carrying out any kind of operation on the appliance (training, installation, use), the operator must carefully read the enclosed instructions, paying particular attention to the correct safety precautions and to the procedures to be followed for installation and for correct use.
6. If the instructions belong to another device and not the device received, inform the manufacturer immediately and avoid use of the device.
7. In the case of any doubts as to the correct interpretation of the instructions, please contact Promeba, S.L. for any necessary clarifications.
8. Do not allow untrained persons to help during the use of the device, because they could cause damage to the patient or to themselves.
9. Periodically check the device, carry out the prescribed maintenance and respect the life span indicated by the manufacturer in this user manual.
10. Before each use of device the perfect operating state of the device must be checked as specified in the instruction manual. If any damage or abnormalities which could in any way influence the correct functioning and the safety of the device, of the patient and/or of the user are detected, the device must be immediately removed from service and the manufacturer must be contacted.
11. If any failure or incorrect functioning of the device is detected, it must be immediately substituted with a similar item so that the rescue procedures are guaranteed without any interruption.
12. Use of the device in anyway other than described in this manual is forbidden.
13. Do not alter or modify in any way the device; any such interference could cause malfunctions and injury to the patient and/or rescuer.
14. The device must not in any way be tampered with (modification, adjustment, addition, replacement). In such cases all responsibility will be denied for any malfunctions or injuries caused by the appliance itself; moreover CE certification and product warranty will be considered void.

01 INTRODUCTION

15. Those who modify or have modified, prepare or have prepared medical appliances in such a way that they no longer serve the purpose for which they were intended, or no longer supply the intended service, must satisfy the valid conditions for the introduction onto the market.

16. Handle with care.

17. Ensure that all the necessary precautions are taken in order to avoid the hazards that can arise as the result of contact with blood or body fluids.

18. Register and store with these instructions: lot number, place and date of purchase, first date of use, date of checks, name of users, any comments.

19. When the device is being used, the assistance of qualified staff must be guaranteed.

20. Do not store the device underneath any heavy objects which could cause structural damage.

21. Store in a cool, dry, dark place and do not expose to direct sun.

22. Store and transport device in its original packaging.

23. The device must not be exposed or come into contact with any source of combustion or inflammable agents.

24. Position and adjust the device taking care not to cause any obstruction to rescuers and or any other rescue equipment.

25. Attention: laboratory testing, post production tests and instruction manuals cannot always consider every possible scenario for use. This means that in some cases the performance of the product could be notable different from results to date obtained. Instructions are continually being updated and are under tight surveillance of fully qualified staffs with adequate technical formation.

26. Both public and private operators are obliged to report any accident involving any medical device to the Ministry of Health and the manufacturer as specified and within the time given by European regulations.

27. Both public and private operators are obliged to inform the manufacturer of the measures to be taken to guarantee the safety and health of patients and users of any medical device.

28. As a distributor or end user of the products manufactured and/or distributed by Promeba, S.L., you are strictly obliged to know the legal provisions in force in the country of destination of the goods, applicable to the devices to be supplied (including the regulations relating to technical specifications and/or safety requirements) and, therefore, understand the necessary requirements to ensure compliance of the products themselves with all the legal requirements of the territory.

29. Promptly notify PROMEBA regarding any revisions to be made by manufacturer in order to guarantee the conformity of the product to the territory's legal specifications (including those resulting from rules and/or norms of other nature).

30. Act with all due care and diligence, and contribute to ensure conformity to general safety requirements of all devices marketed in the territory, by providing final users with all necessary information for carrying out periodical checks on their devices, as specified in the relevant user manual.

31. Actively contribute to product safety checks on products sold, by communicating any relevant risk analysis information both to the manufacturer and to any competent authorities so that the necessary actions can be promptly taken.

32. Be aware that in the event of any failure to conform to the above mentioned requirements you will be deemed fully responsible for all damages that might occur. Therefore we expressly disclaim any responsibility and/or liability for your non-compliance with the present "Regulatory provisions".

01 INTRODUCTION

01.10 Specific warnings

1. Establish a maintenance program and periodic testing, identifying a reference employee. The person to whom the ordinary maintenance of the device is entrusted must ensure the basic requirements foreseen by the manufacturer in the user's manual.
2. Use only accessories/spare parts that are original or approved by Promeba, S.L. when carrying out any operation, to avoid causing any alteration or modification to the device, otherwise we assume no responsibility for the proper functioning or damage resulting from device to the patient or the operator and warranty will be considered void.
3. Always respect the maximum capacity of the device, as indicated in this user's manual. Maximum load capacity means the total weight distributed according to the human anatomy. In determining the load of the total weight on the product, the operator must consider the weight of the patient, the equipment and the accessories. Moreover, the operator must consider that the overall dimensions of the patient do not reduce the functionality of the device.
4. Never leave the patient unassisted on the device, because he may be injured.
5. Do not use bleach to disinfect the product. Use a hydroalcoholic based disinfectant and wash with water.
6. The device and all its components, after washing, should be allowed to dry completely before storing.
7. Do not wash the product in a washing machine or dry it in a dryer machine.
8. Lubrication must be carried out after cleaning and complete drying.
9. Follow procedures approved by Emergency Medical Services for immobilization and transportation of the patient.
10. Follow procedures approved by Emergency Medical Services for positioning and transporting the patient.
11. Avoid contact with sharp objects.
12. Do not use the device if it is pierced, torn or frayed.
13. Make sure, before lifting, that the operators have a firm grip on the device.
14. Avoid pulling the device on rough surfaces.
15. The device is a evacuation chair for patients transport and cannot be used as a stationing device.
16. Do not lift the transport chair with a crane or other mechanical lifts.
17. First practice with an empty chair in order to get used to the way in which the stretcher maneuvers.
18. For the use of the device, one operator in suitable physical conditions is needed, with strength, balance, coordination, and common sense and must be trained on the correct functioning of the device Promeba, S.L. stretcher.
19. For particularly heavy patient loading and for rescue operations on steep terrain or in unusual circumstances, the presence of more operators is recommended (not just one as required under standard conditions).
20. The maximum weight supported by each sanitary technician must comply with the requirements prescribed by the law of each country, regarding Occupational Health and Safety.

01 INTRODUCTION

21. Before each use check the integrity of the belts and their hooks, as specified in the user's manual. In case of malfunction or damage that may compromise the function and safety of the device, patient or operator, it is necessary to replace the belts.

22. Make sure the belts are properly fastened to the frame of the stretcher.

23. Always immobilize the patient using the belts supplied by the manufacturer; lack of immobilization can cause serious damage.

24. Use the stretcher only as described in this user's manual.

25. Do not alter or modify the evacuation chair arbitrarily to make it fit into the ambulance: the modification may cause unforeseeable functioning and damages to the patient and operators. In any case the warranty will be lost.

26. Pay a lot of attention to possible obstacles (water, ice, debris, etc.) on the route of the stretcher, because they could cause loss of balance for the operator and compromise the proper functioning of the device. If you cannot set the path free from obstacles, choose an alternative path.

27. For very steep slopes the device must be raised. Always hold the frame or the telescopic handles to lift and transport the chair.

28. Condensation, water, ice and accumulations of dust can affect the correct operation of the device, making it unpredictable and causing a sudden alteration of the weight that operators have to carry.

29. The transport chair is certified for use with the specific fixing system of Promeba S.L., therefore the use of any other fastener not approved by the manufacturer is prohibited. Fixing systems that have not been approved can alter the structural and functional characteristics of the chairs

30. Replace the wheels with original parts, in case the device does not stop.

31. To avoid injury, always check that the carry handles are properly locked before lifting the chair.

32. It is recommended not to use the chair if it is suspected that the patient may have cervical trauma, damage to the spine or fractures.

33. To avoid risks to the safety of the patient and the operator, during transport on stairs it is recommended that at least two operators are present.

34. Use the brakes only when transferring the patient or when no one is on the chair. If the chair is moved with the brakes locked, it could tip over and cause injury to the patient, operator, or equipment.

35. Brakes are used only to prevent the empty chair from moving when unsupervised, and as an aid during patient transfer. The brakes cannot provide enough resistance to keep the chair fully braked on all surfaces or with a load on the chair.

36. Never use the brake on a chair with badly worn wheels, as it could affect the locking ability of the brakes, and therefore cause possible injury to the patient, operator or equipment.

01.11 Residual risks

The residual risks listed below have been identified only with reference to the intended use of the device:

1. Use by untrained personnel may result in injury to patient, operator, or third parties.
2. Inappropriate disinfection procedures can create a risk of cross infection.
3. If the device is not locked in the fixation system or is not positioned correctly, it could result in sudden and dangerous movements, which could cause injury to the patient and the operators. Always make sure that the locking system is properly anchored.
4. Failure to comply with the warnings for operators can create risks.
5. Failure to read and understand the product instructions can result in injury to the patient and operators.

01.12 Reference standards

REFERENCE	TITLE OF DOCUMENT
UNI EN ISO 1865-1	Patient handling equipment used in road ambulances. Part 1. General stretcher systems and patient handling equipment
UNI EN 1789	Medical vehicles and their equipment. Road ambulances



As a distributor or end user of the products manufactured and/or distributed by Promeba, S.L., you are strictly obliged to know the legal provisions in force in the country of destination of the goods, applicable to the devices to be supplied (including the regulations relating to technical specifications and/or safety requirements) and, therefore, understand the necessary requirements to ensure compliance of the products themselves with all the legal requirements of the territory.

01.13 Life span

If used as described in the following instructions, this device has a useful life of 10 years from the date of purchase.

This useful life can be extended with annual reviews carried out by the manufacturer, which uses specialized and authorized internal and external technicians.

In case these annual checks are not carried out, the device must be disposed of according to the information in paragraph 01.4 and the manufacturer must be notified.

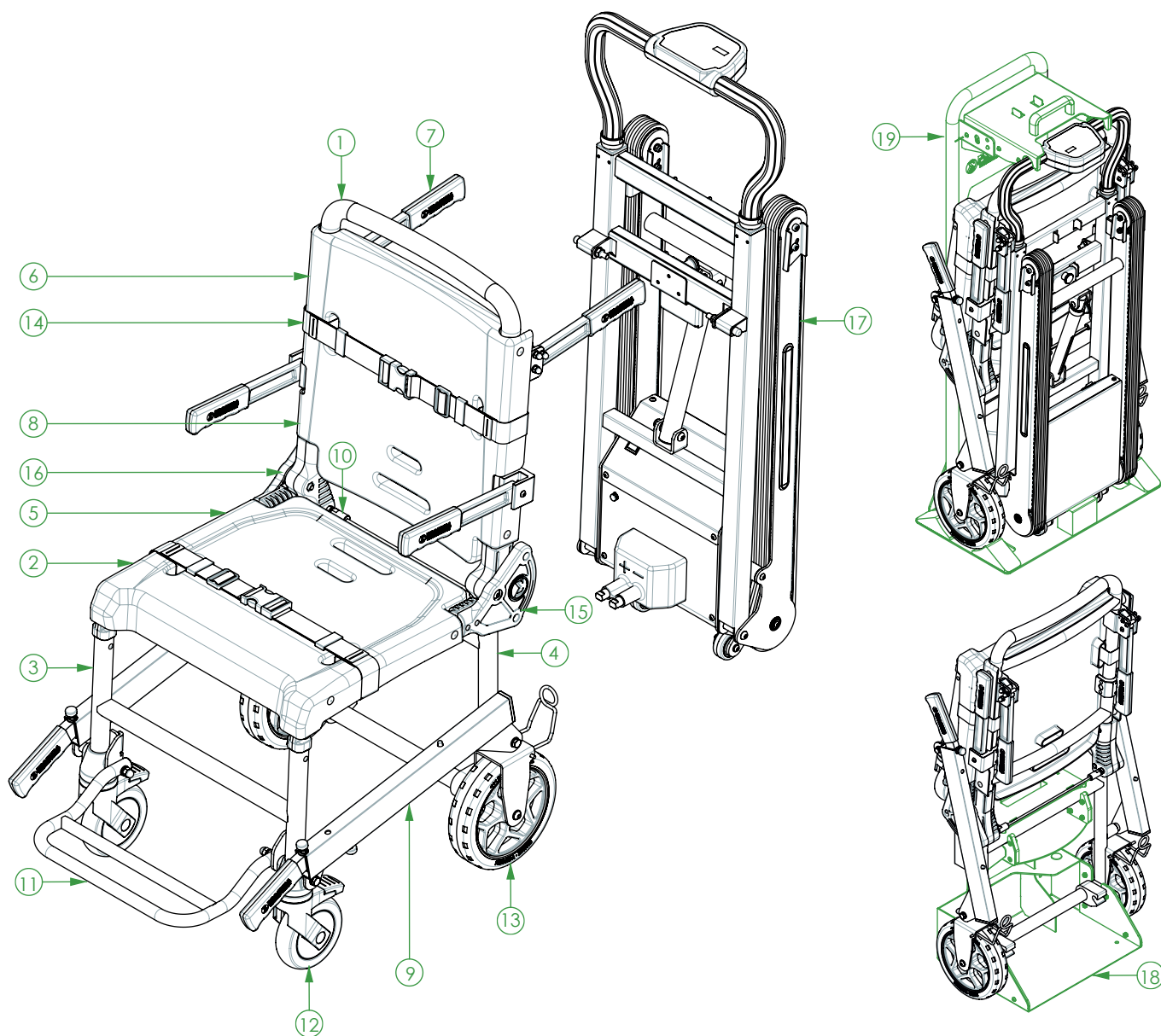
Only the manufacturer or an authorized center can extend the life of the device, if it meets the safety requirements.

Promeba, S.L. will not accept any responsibility for malfunction or damage caused by the use of devices that have not been checked by the manufacturer or authorized center, or that have exceeded the maximum allowed useful life.

02 PRODUCT DESCRIPTION

02.1 Main components

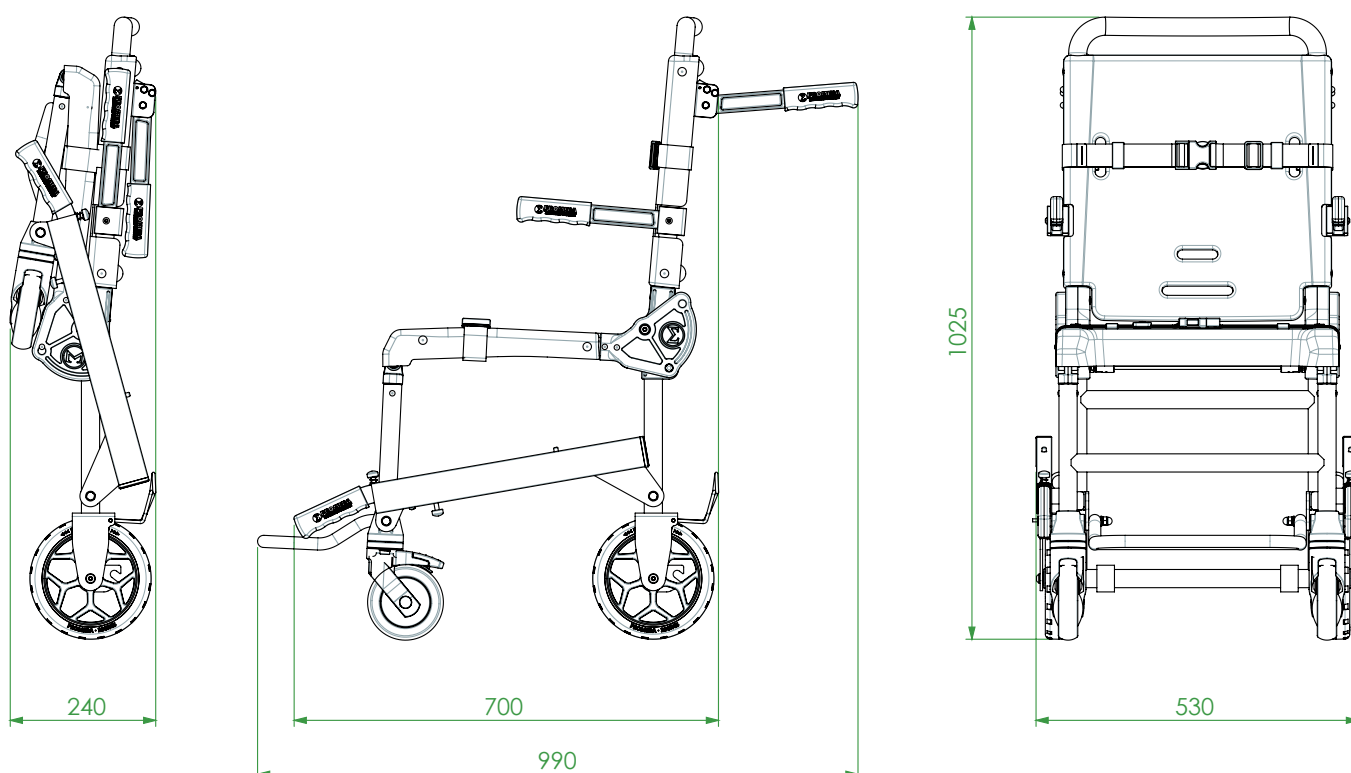
N°	DESCRIPTION OF COMPONENTS	N°	DESCRIPTION OF COMPONENTS
1	Backrest structure	11	Footrest
2	Seat structure	12	Front wheels
3	Front legs structure	13	Rear wheels
4	Rear legs structure	14	Belts
5	Seat	15	Right joint
6	Back	16	Left joint
7	Transport handles	17	Electric track
8	Armrests	18	Lock for chair
9	Telescopic handles	19	Lock for chair + track
10	Chair lock cable		



02 PRODUCT DESCRIPTION

02.2 Technical data sheet

LENGTH	700 ±5 mm	WEIGHT	13 Kg
WIDTH	530 ±5 mm	MAX LOAD	250 Kg
WIDTH FOLDED	240 ±5 mm	FRONT WHEELS	Giratoria con freno Ø125 mm
HEIGHT	1025 ±5 mm	REAR WHEELS	Fija con freno Ø200 mm



02.3 Features

1. Use for emergency situations for the elderly, public safety, hospitals, hotels, etc.
2. High strength and low weight tubular aluminum construction.
3. Folding system.
4. Four wear-resistant wheels.
5. Lockable rear handles.
6. Folding armrests.
7. Telescopic handles with the possibility of total extraction.
8. Folding footrest.
9. Seat and back in ABS.
10. Leg and torso belts with adjustable safety closure.
11. Measures adapted for the comfort of larger patients.
12. Electric track coupling for easy going up and down stairs.
13. Anchoring system with and without electric track.

03 OPERATION

03.1 Transport and storage

Before transporting the appliance, make sure that it is correctly packaged. During transport always fix the load. If piling up is necessary always follow the scheme shown on figure 1. Transport the leveled load and following all precepts and rules for the transport of loads, ensuring also that there are no risks of shocks, bumps or falls during the transport itself.

To unpack the device place the box on a flat, stable surface and carefully open the seal. Remove the device from the inside of the box following the scheme shown on figure 2.

Keep the original packaging for use in case of any further transport and for storage.

Damage to the appliance caused during transport and handling is not covered by the guarantee. Repairs or replacement of the damaged parts are the responsibility of the client.

The device must be stored in a dry, cool area away from direct sunlight. It must not be placed in contact with any substances or chemical agents which could cause damage and reduce safety characteristics.

03.2 Preparation

On receipt of the product:

- Remove the packaging and display the material so that all components are visible.
- Check that all the components/pieces on the accompanying list are present.

The appliance must be checked before every use so as to reveal any working abnormalities and/or damage caused by transport and/or storage. In particular, check:

- General functionality of the device
- Cleaning the device (remember that the lack of cleaning can cause the spread of infections)
- Absence of cuts, holes, breaks in the structure, including the belts
- Correct fixing of all nuts, bolts and screws
- Correct attachment of the belts to the chair
- Correct operation of the belt closure
- Condition of moving parts, wheels and belts
- Integrity of the seams
- There are no tubes or metal sheets that show bends or cracks.
- The backrest and the seat do not show damage or structural cracks
- The welds are intact, without cracks or breaks.
- Wheels are securely fixed, stable and work properly.
- Wheels are free of dirt or debris
- Brakes work properly
- Track belts run and have the correct tension for use
- Correct operation of the springs
- Armrests raise and lower correctly
- The transport handles open, close and lock correctly.
- Telescopic handles open, close and lock properly
- Presence of all labeling
- Lubrication of moving parts
- The emergency vehicle is equipped with the locking system for the PS-350 chair

If the above conditions are met, the device may be considered ready for use; otherwise you must immediately remove the device from service and contact the manufacturer.

+ UNIDAD DE EMBALAJE
RESPECTE LA POSICIÓN DE TRANSPORTE DEL EMBALAJE

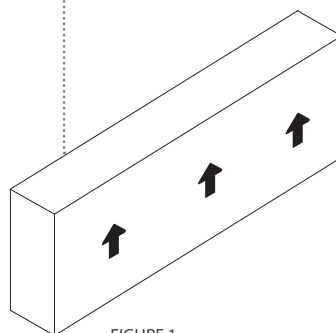


FIGURE 1

+ DESEMBALAJE DEL PRODUCTO
UTILIZAR SIEMPRE BASE PLANA DE APOYO

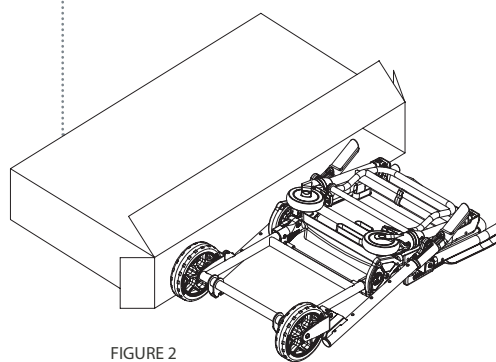


FIGURE 2

03 OPERATION

03.3 Functioning

03.3.1 ARMRESTS

Lower the armrest into the operating position, holding it and pushing it down, until you meet resistance. To close it again, lift it up to the previous position.

03.3.2 TRANSPORT HANDLES

To close the transport handles, press the red release button and push them down until they stop. To reopen them, lift them up until they stop.

03.3.3 TELESCOPIC HANDLES

To extend the telescopic grips, stand in front of the device, press the red release buttons and pull both grips to the forward position. Release the button and slide them forward slightly until they snap into the locked position.

To fold them, stand in front of the device, press the red release buttons and push both grips to the rear position. Release the button and slide them back slightly until they snap into the locked position.

03.3.2 BELTS

Use the belts to help support the patient in the chair.

Insert the belt buckle into the anchor until a "click" is heard. Adjust the belt measurement according to the patient. Check that the belt is correctly fastened by pulling it on both sides.

Before each use, make sure that the belts are securely attached to their respective anchor points.

03.3.4 FOOTREST

To open the footrest, lower it until it stops, to close it again raise it until it stops.

When using the footrest make sure that it does not interfere with the feet of the patient or the operator.

Before transferring the patient to the chair make sure the footrest is closed, open it after the patient has sat down.

When the patient has to get out of the chair, close the footrest before unfastening the belts, in order to avoid standing on it.

Keep the footrest elevated when not in use.

03.3.5 WHEELS BRAKES

The 4 wheels of the chair are equipped with brakes to prevent the chair from moving during the transfer of the patient or during a stop.

The front wheel brake also allows you to lock the turn. To activate the brake and the locking, press down on the front end of the pedal. To remove it, press down on the rear end of the pedal.

To brake the rear wheels, push down on the red locking rod so that it presses on the wheel. To release the brake, push it up until it releases the wheel.

Never leave the chair unattended with the patient, always keep it under control. Brakes should not be used as a substitute for operator control.

03 OPERATION

03.3.7 FOLDING AND UNFOLDING THE CHAIR

Before folding the chair, you must lock the front wheels so that they are perpendicular to the direction of movement of the chair. Fold the footrest, the transport handles and the armrests, as indicated in paragraphs 03.3.1, 03.3.2 and 03.3.5.

To fold the chair, locate the release cable on the back of the backrest. Pull the cable and tilt the chair towards the floor, bringing the seat close to the backrest until the release cable is tensioned again. Verify that the system has been locked correctly by trying to open the chair without activating the cable, if it is locked the chair will not open.

To unfold the chair, pull the release cable and separate the backrest from the seat, opening the chair, until the cable is tensioned again. Verify that the system has been locked correctly by trying to close the chair without activating the cable, if it is locked the chair will not close.

Once unfolded, you can unlock the front wheels again.

03.3.8 ELECTRIC TRACK

Use the electric track to facilitate the transport of the patient up stairs.

TRACK ANCHOR:

Brake the wheels of the chair to prevent the chair from moving during operation.

First install the lower part of the track, tilting it slightly and inserting the two lower horizontal bushings into the lower hooks of the chair.

Using the bushings as turning axes, move the track towards the chair until the latches are inserted into the upper anchor points of the chair and the assembly is locked.

Make sure the system is securely attached by slightly pulling the track.

When you have completed the operation, unlock the wheels of the chair for normal use.

To unlock the track, you must actuate the two lower red tabs on the back of the track and pull it back.

OPENING AND CLOSING THE TRACK:

Locate the knob on the track's opening adjustment system.

Pull it to unlock the regulation system. Open the track to the desired position, depending on the conditions of the operators and the inclination of the stairs.

Verify that the system has been locked properly by pushing it as if you wanted to close it. If it is locked, the track will not close.

To close the track pull the knob and push the track until it stops. When it is completely closed, release the knob. Verify that the system has been properly locked by pulling it as if you wanted to open it. If it is locked, the track will not open.

INSTRUCTIONS FOR USE OF THE TRACK:

It is recommended minimum two operators to use the assembly chair + electric track on stairs, and a third person as an "observer".

Never lubricate the belts. Lubrication can cause the belts to perform unpredictably, which can cause injury to the patient and/or operators.

Moisture, water, snow, ice or debris on the track belts or in the path of the stairs can cause irregular product operation causing sudden changes in the weight that the operators must support or destabilizing the chair. Make sure the track and track belts are clean and dry before using the set on stairs.

Before using the track, adjust the upper handle to the desired height and fold the rear levers.

03 OPERATION

Press the "ON/OFF" button on the control panel, approach the chair to the beginning of the stairs and gently recline it until the caterpillar drivetrain is on top of the first few steps.

The second operator must extend the front telescopic handles and hold them throughout the operation.

Press the UP button if you want to go up the stairs, or the "DOWN" button if you want to go down.

Once the flight of stairs is finished, all the elements that are not necessary for the transfer (telescopic handles and caterpillar) must be folded back.

03.3.9 BASIC LOCKING SYSTEM

Use the PA-281 locking system to secure the folded chair in the ambulance.

Fold the chair as indicated in the paragraph 03.3.7. Position the chair in front of the lock with the seat at the front. Place the lower bar that connects the two wheels in the lower groove of the lock. Using this joint as the pivot axis, move the chair towards the lock until the upper hook engages.

Make sure the chair is properly locked by moving it back and forth.

To unlock the chair, operate the pedal of the upper hook with your foot. Tilt the chair back to release it from the upper hook and then up to release it from the lower groove.

03.3.10 CHAIR + TRACK LOCKING SYSTEM

Use the PA-271 locking system to fix the folded chair in the ambulance together with the electric track.

Fold the chair and track as indicated in paragraphs 03.3.7 and 03.3.8.

Position the chair in front of the lock with the seat at the front. Place the wheels of the chair in the lower positioners of the lock. Using this joint as the pivot axis, move the chair towards the lock until the upper hook engages.

Make sure the chair is properly locked by moving it back and forth.

To unpin the chair, open the hook by pulling the upper handle. Tilt the chair back to release it from the upper hook and then up to release it from the lower positioners.

03.4 Troubleshooting

PROBLEM	CAUSE	SOLUTION
Difficulty in removing and inserting the telescopic handles	Dirt on the slide or deformation of the aluminum profile	Carry out a thorough cleaning. If the problem persists, do not use the chair to go up and down stairs and contact the technical service.
Structural damage	Improper use or operators not adequately trained	Put the chair out of service immediately and contact the technical service
During patient transport it is difficult to move the chair	There may be an obstruction in the wheels: the brakes are still blocked or there is some external element blocking them.	Unlock the brakes or check that there is nothing blocking the wheels. Check the condition of the wheels.

04 GENERAL MAINTENANCE

CLEANING

It is essential to keep the equipment clean to ensure a proper use and durability of the set. A thorough clean must be done periodically, especially in areas exposed to dirt that may be damaged such as gears or mobile elements.

Do not use high-pressure cleaning systems, neither bleach to disinfect the product, they can damage it. Instead, use a hydroalcoholic based disinfectant, wash with water and let it dry naturally, do not use sources of direct heat to dry.

MAKE SURE TO KEEP AREAS FROM FIGURES ON THE RIGHT FREE OF WATER AND HUMIDITY. TAKE SPECIAL CARE NOT TO GET THEM WET WHILE WASHING THE SET.

MOBILE ELEMENTS

Due to the intense and continuous use of mobile elements such as levers or commands, periodically examine its proper operating. Inspect the mechanical connections that may exist.

LUBRICATE

Generally, all moving parts must be lubricated. Our products leave the factory completely lubricated. However, it is possible that the elements lose lubrication with the passage of time and the use of the product, either due to loss of lubricant or dirt.

Periodically clean and lubricate affected areas.

Check for loose, missing or worn parts. Periodically inspect all moving parts to ensure components are tight.

WEAR AREAS

Inspecting regularly on the system components for signs of wear is a preventive measure that can reduce breakdowns. Check possible lubricant leakages, grooves or bearing in poor condition.

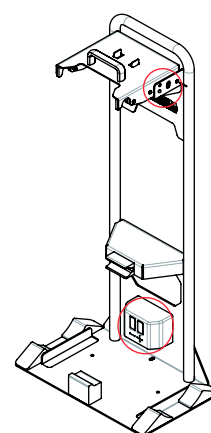
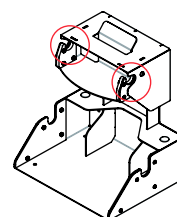
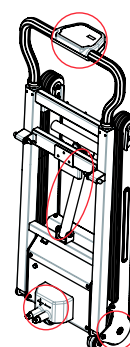
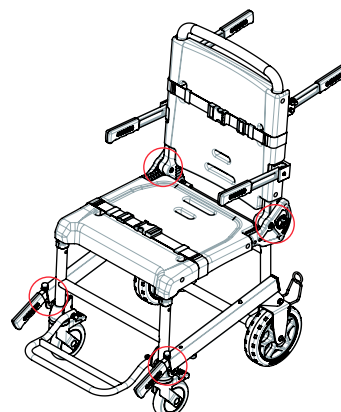
MECHANICAL FIXING

We call mechanical fixing elements to the components used to fix the product as a whole, mainly screws and derivatives.

To some terms of use, due to vibrations or impacts, certain elements may lose their tightening torque or fixing properties. Periodically review that there are no loose elements, especially on moving parts. Please note and always respect the recommended tightening torques.

REPLACEMENT OF COMPONENTS

In the event that certain mechanical parts need to be replaced by qualified service personnel, they should contact our sales department for more information on ordering spare parts and their installation.



MAINTENANCE SUMMARY	EVERY USE	WHEN NEEDED	EVERY MONTH	EVERY YEAR	EVERY 4 YEARS
DISINFECT	X				
CLEAN		X			
INSPECT		X	X		
LUBRICATE		X		X	
SPRINGS REPLACEMENT				X	
WHEELS REPLACEMENT					X

05 SPARE PARTS

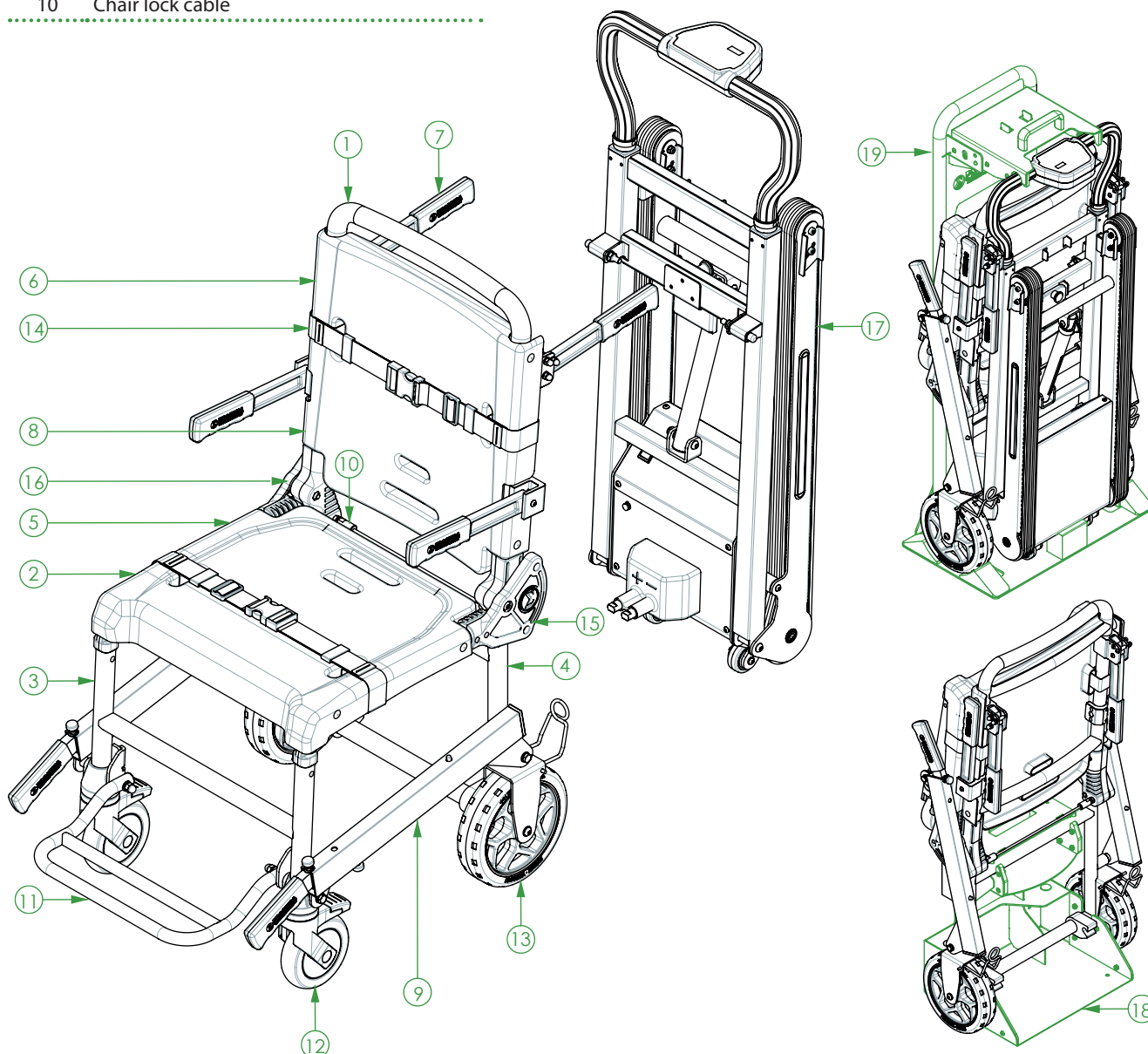
To request a spare part, indicate:

- **Number and description** of the set in which the needed part is located (see table)
- **Point out** the part in the drawing, or the area where it is located

Following these indications, our sales department will provide you with a detailed drawing of the set so that you can specify the reference of the required spare part.

N°	DESCRIPTION OF COMPONENTS
1	Backrest structure
2	Seat structure
3	Front legs structure
4	Rear legs structure
5	Seat
6	Back
7	Transport handles
8	Armrests
9	Telescopic handles
10	Chair lock cable

N°	DESCRIPTION OF COMPONENTS
11	Footrest
12	Front wheels
13	Rear wheels
14	Belts
15	Right joint
16	Left joint
17	Electric track
18	Lock for chair
19	Lock for chair + track



6 TRAINING REGISTER

The product must be used by trained personnel only, having attended specific training for this device and not for similar products.

Keep this document at least 10 years from the end of life of the device.

PLACE AND DATE	NAME OF THE OPERATOR	NAME OF TRAINER	TYPE OF TRAINING

7 MAINTENANCE REGISTER

Perform the required maintenance as indicated by the manufacturer in this user's manual.

Keep this document at least 10 years from the end of life of the device.

[illegible]

08 LEGAL NOTICES

This document may contain technical inaccuracies or typographical errors.

Changes are periodically added to the information herein; these changes will be incorporated in new editions of the publication.

Promeba, S.L. reserves the right to make any modification or improvement in the products described in this publication if it is appropriate.

Promeba, S.L. may have patents or patent applications which address themes described in this document. The possession of this document does not entitle no license to these patents.

The information contained in this document does not affect or change the specifications or product specifications or warranties of Promeba, S.L.

No part of this document shall operate as express or implied license or compensation under the intellectual property rights of Promeba, S.L. or third party.

All the information contained in this document has been obtained in specific environments and it is presented as an illustration. The results obtained in other operating environments may vary.

Promeba, S.L. can use or distribute the information that the client provides in whatever way they see fit, without incurring any obligation with the client.

09 PRODUCT WARRANTY

Promeba, S.L. guarantees that its products have satisfactorily passed all established quality controls, both functional and material. The duration of the guarantee is 2 years from the date of purchase of the product.

This guarantee will be valid only when it is presented with the original invoice or proof of purchase (indicating the date of purchase, model and the name of the distributor) together with the defective product during the period covered by the guarantee. Promeba, S.L. reserves the right not to offer the free warranty service if the indicated documents are not presented or if the information they contain is incomplete or illegible.

1. This warranty will not apply if the model name or serial number of the product has been altered, erased, disappeared or becomes illegible.

2. This guarantee does not cover transportation costs or risks derived from the transportation of your product to and from Promeba, S.L.

3. This warranty does not cover any of the following:

a) Periodic maintenance and repair or replacement of parts derived from normal wear and tear.

b) Expendable material (components that are expected to need periodic replacement during the life of the product, such as non-rechargeable batteries, light bulbs, etc.).

c) Damages or defects derived from the improper use, operation or treatment of the product and not due to normal use of the product.

d) Damages derived from:

i. Misuse, including:

- Treatment that results in damages or physical, superficial or appearance changes of the product.

- Installation, use or storage of the product in a way that does not respect the instructions described by Promeba, S.L.

- Maintenance of the product in a way that does not respect the instructions of Promeba, S.L. for proper maintenance.

- Installation or use of the product in a way that does not respect the technical or safety regulations of the country where it is used or installed.

iii. Use of components not provided with the product or incorrect installation of accessory parts not previously tested.

iii. States or defects of the system in which the product is used or incorporated with the exception of other products Promeba, S.L. designed for use with the product.

iv. Use of the product with accessories, peripheral units and other products of a type, condition or standards not established by Promeba, S.L.

v. The manufacturer or distributor will be solely responsible for deciding whether to send the parts for repair, or to replace the product in its entirety. In no case will operators be sent to repair or replacement of the product.

Except in the cases mentioned above, Promeba, S.L. will make no warranties in relation to product, performance, accuracy, reliability, or fitness for logic purpose of the equipment or other type. If this exception is not legal or contemplated by current law, Promeba, S.L. will limit or exclude your warranties only to the extent permitted by applicable law.

The only obligation on the part of Promeba, S.L. in connection with this warranty is to repair or replace parts subject to the terms and conditions of this warranty.

Promeba, S.L. is not responsible for loss or damage to products, this warranty or others, including economic loss or non-assessable damage; the price paid for the product; loss of profits, income, information, usufruct or use of the product or associated products or indirect, accidental or critical loss or damage.

This clause refers to whether the loss or damage is due to deterioration or inoperability of the associated product due to defects or unavailability of Promeba, S.L., which has caused downtime, loss of user time or business interruption.

In cases where the law prohibits or limits these liability exclusions, Promeba, S.L. will exclude or limit his liability only to the extent permitted by applicable law. For example, there are countries that prohibit the exclusion or limitation of damages caused by negligence, reckless negligence, willful misconduct, fraud and similar actions. The responsibility of Promeba, S.L. In this guarantee will not exceed, in any case, the price paid for the product, but if the current law allows only limitations of greater responsibilities, these will apply.



Todos los derechos reservados. Reservado el derecho ha modificaciones sin previo aviso.
Promeba, S.L. no se considera responsabe de los daños causados por la falta o la inexactitud de la información aquí mencionada.

*All rights reserved. Variations can be done whitout notice.
Promeba, S.L. is to be considered not responsible for damages caused by the lack or the wrongness of the information here mentioned.*

SCAN QR CODE



PROMEBA, S.L.

Ctra C-16 Km 59.5 · 08650 Sallent (Barcelona) · SPAIN

T. 93 837 12 00

promeba@promeba.com · www.promeba.com