

# Pilotech Wall Unit

## Assembly and Maintenance Manual



### Introduction

Pilotech: the excellence in Pilates Equipment

- Pilotech equipment is the best you can find to practice the Pilates method in your Studio
- The materials used are the best available to ensure the required sturdiness and to ensure mechanical efficiency.
- The best of Italian craftsmanship combined with the beauty of wood help create an aesthetically very pleasing product.
- The components are easily assembled and disassembled to make them easier to transport.
- The maintenance and care required are kept to a minimum by the materials selected and the mechanical solutions used.
- Ergonomics: the workout surfaces have been designed, shaped and positioned to ensure the correct posture for every exercise.
- Maximum attention has been paid to the latest health and safety standards. The TÜV-GS certification provides the best assurance for your safety.
- Wide range of colors for the wooden frame and the upholstery.
- The metal used for the different parts of the product has been selected for specific requirements: aluminum for its sturdiness and light weight, stainless steel for its beauty and long life, special highly resistant steels to maintain the mechanical efficiency and withstand the wear caused of intensive use.

***This product datasheet complies with the requirements of law No. 126 of the 10 April 1991  
“Consumer’s information Standards”  
and with law decree No. 101 of 8 February 1997 “Enforcement standards”  
All the Pilotech line product datasheets can be viewed and downloaded from our site [www.pilotech.com](http://www.pilotech.com)***

## Pilatech Wall Unit

The **Wall Unit** is an exercising piece of equipment that allows users to carry out a wide range of exercises originally designed for the Cadillac, one of the main pieces of equipment used to practice the Pilates method.

It is an interesting, space-saving, stable and safe solution.

The **Wall Unit** is made up of a metal frame, anchored to the wall by means of a wooden base and a wooden panel in the top section and by a padded tilting platform.

This platform is anchored to the base by means of a smart wooden pivot.

The tilting platform, padded with the same sandwiched materials as all other Pilatech pieces of equipment, can be lowered when it is being used and, when not in use, can be raised to avoid taking up needless space in the studio.

The metal frame struts feature a number of sliders fitted with rings provided to attach the springs:  
their position can be changed with a simple action to suit your needs.

The components supplied as standard with the Wall Unit are the same as those supplied with the Cadillac: **Tower Bar, Rolling Back Bar, different types of springs and handles**; in other words, all that is required to satisfy customers' needs.

The tilting platform is also fitted with a strap with a clip and a pole to be inserted in the holes provided.

**On request, the Wall Unit can be supplied only with the wall mounted metal frame, without the tilting platform.**



### Components

1	Wall mounted frame
2	Tilting platform
3	Wall mounted frame base
4	Wall anchoring panel
5	Slider with spring attachment ring
6	Tower bar
7	Tilting external base (removable)

**All Pilatech pieces of equipment are individually pre-assembled and tested in our laboratories: this ensures that all the functional and aesthetic features are thoroughly checked in order to maintain the excellence we have been able to achieve over the years.**

## **Warning!**

### **Before installing the piece of equipment, the following checks must be made:**

- Check the space where the piece of equipment will be used: the wall to be used to fix the piece of equipment to must be solid and be able to withstand its weight.
- If not, the Wall Unit could become detached and become a hazard.
- The piece of equipment must be used or, when not in use, must be stored in a room where humidity and/or temperature do not change greatly (such as outdoors, near sources of heat such as radiators etc.) to prevent damaging the frame and negatively affect its functionality and safety.
- Check sizes and weight: the floor must be able to withstand the weight of the piece of equipment plus the user's weight. (See "Enclosure B").
- Make sure that the area where the piece of equipment will be positioned is always monitored by the owner or by the person in charge of managing the premises.
- This piece of equipment must be used only on premises where its access is constantly monitored by the owner.
- Furthermore, the piece of equipment must never be accessed by children or people who are not qualified or authorised to do so.
- It is the owner's responsibility to warn users that any exercising apparatus can be potentially dangerous when used without the guide of a qualified trainer, who will be able to recommend suitable exercises and therefore prevent any injuries.
- The maximum load shown on the piece of equipment must never be exceeded and any strenuous exercises must only be performed in the correct manner.
- A Pilates certified trainer is the only qualified person able to show users how to practice the Pilates method in total safety.

## **Certification**

**TÜV Rheinland Italia is the Italian branch of TÜV Rheinland Group, the world leader in assessment and inspection of products and management systems.**

To be certified, a product has to be successfully tested and approved by a company specialized in certifying product safety and quality. The TÜV Rheinland Group issues a certificate based on the test results.

It certifies the product features and sets out the regulations to be complied with when carrying out the tests.

The certification can be very helpful to customers when making their purchase decision.

These decisions will no longer be based only on the information provided by the manufacturer, but also on the professional opinion of independent and unbiased experts.

First of all, the TÜV Rheinland Group carries out an inspection on a representative sample based on appropriate criteria.

These tests are normally carried out inside TÜV laboratories.

To ensure that the certificate covers the entire product range, TÜV experts regularly monitor production on the company's premises.

This procedure is implemented to check that the products manufactured match the representative sample inspected by the certifier.

By doing so, we can ensure that all certified products can maintain their certification.

### **The GS mark: quality assurance**

End users often find it hard to select the criteria to base their purchase on. After all, who can immediately recognize the inner value of a product?

The GS mark, which has been around for over 20 years, is a widely recognized mark of safety assurance for all finished products.

The GS mark has become increasingly more valuable in the current market, where competing products are being manufactured by most countries in the world.

This mark, issued by an independent party such as TÜV Rheinland, is trusted by customers all over Europe.



**TÜV-GS** Qualitätszertifizierung  
**EN 20957-1 / 957-2, Class SC Type 2**  
Accuracy class C – Usage Class S

Although the GS Mark was first introduced in Germany, “GS” doesn’t literally means “German Safety” but stands for “Certified Safety”. Safety features are normally evaluated, tested and certified in connection with the successful registration of trademarks.

The GS mark is voluntary, it follows the product to highlight that an independent party has checked all its safety issues and annually monitors their entire production.

## The GS mark proves that:

- A representative sample of the product has been assessed, inspected and approved in relation to all its safety features.
- Production is inspected on an annual basis
- Being a voluntary mark, the GS mark ensures business and marketing benefits.



## CE Marking

Unlike the GS mark, the CE marking is a manufacturer's self-declaration and doesn't prove compliance with all applicable directives.

For most products sold in the EU, the CE marking and the declaration of conformity are mandatory.

With the exception of some high risk products, the manufacturer can self declare that their products comply with the directive.

**The CE marking is not required for fitness equipment with no electrical components, like the equipment required to practice the Pilates method, and there are no applicable EC directives for this type of equipment.**

**The TUV marking on Pilatech equipment is not a compulsory certification and shows our customers our will to offer perfectly functional and totally safe products, tested by an independent body.**

<b>GS Mark vs. CE marking</b>	
<b>GS Mark</b>	<b>CE Marking</b>
Voluntary	Compulsory
Only appears on approved products	Appears on all products
Proof of testing and certification not proven through an independent third-party test laboratory	Testing is assumed but proven
Continuous product and production surveillance by independent third-party for the life of the certification	No market advantage; simply a manufacturer's self declaration of conformity
GS mark: a symbol of safety and compliance of products	CE marking: a symbol for trade with the assumption of conformity

Whilst the CE marking allows products to access the European market, it is not a quality approval marking. The CE marking is only a self declaration of the manufacturer's responsibilities. While enabling products to be sold in the European market, it allows free movement of goods, as well as the withdrawal of non conforming products.

### How are the tests carried out?

A sample of the product is tests by TÜV Rheinland ( <http://www.tuvitalia.com> ).

The ultimate and crucial purpose of these tests is to prevent customers from being exposed to risks caused by using the product.

Some risks could be sharp corners or overhangs, which could trap or "shear" the user's fingers, or inadequate grips.

Equally as important is the information provided to our customers – comprehensive user instructions, including warnings when necessary.

Another crucial procedure we offer is monitoring our production processes.

TÜV experts check on site if all the standard requirements and the legal obligations are complied with during the entire production process and if the product inspected during production has the same quality features of the sample tested.

This monitoring procedure is regularly repeated after issuing the certification.

This is the only way to ensure that the Quality certified by the GS marking is maintained at all times.

### The TÜVdotCOM service

The TUVdotCOM ID is the access key to all certificates issued by TÜV Rheinland Group. By using this ten figure number, all the features of products, services or companies checked by the independent certifier can be accessed at any time on the web.

Simply enter the ID in the correct field of the TÜV [www.tuv.com](http://www.tuv.com) home page to view all test results.



**Pilatech TUVdotCOM ID: 018665**

TUVdotCOM ID is part of the TUVdotCOM brand.

The manufacturers can affix this marking to their certified products and certified companies can print it on their headed papers, catalogues and other documents.

By using the TUVdotCOM ID, customers, wholesalers and retailers can quickly access all the most relevant information on the web site (the ID is also printed on the mark).

By independently carrying out safety and quality issues, customers are ensured peace of mind, communications and purchase decisions are made easier and a common trust is created; furthermore, manufacturers' marketing efforts are supported.

A product or company can be identified in just a few seconds by entering their TUVdotCOM ID.

Customers can also verify if the testing mark is not genuine.

If a product has a false ID, for example, all you need to do to uncover a fraud is to check its description on the web.

## **Warranty**

Pilitech guarantees that all their newly manufactured products are free from manufacturing defects, both as far as the materials used and the assembly procedures.

Each piece of equipment is pre-assembled and individually tested.

**The Pilitech warranty becomes effective from the date of purchase and is a lifetime warranty.**

The parts subject to wear are covered by a one year warranty.

The upholstery is not covered by the warranty.

Any part of the equipment found to be defective, damaged or not matching with what was ordered must be notified as soon as possible and no later than 8 days after the product is received.

In addition, the warranty does not cover damages like tears, cuts, burns, stains, damages caused by using cleaning products not recommended by Pilitech, damages caused by external agents or by any improper use, without following the cautions provided in this manual.

If repairs or replacements are made under warranty, the new parts will be made of the same materials, if available, as the original parts. If not, they will be made of a very similar material.

The warranty does not cover damages caused by shipping if no insurance has been specifically requested for shipping damages.

**“Enclosure D” on page 27 lists all the parts subject to wear, for all our products, as well as the inspection intervals to be implemented to ensure their safety.**

### **The warranty will become void if:**

- The piece of equipment has been damaged, neglected, improperly used, misused or deteriorated for causes other than normal wear and tear.
- The product has not been periodically inspected and/or there is no current servicing contract
- The product has been assembled by incompetent people and, in any case, without following the correct instructions.
- Worn parts have been replaced with non genuine parts
- Repairs have been carried out by non Pilatech staff
- The product is no longer owned by the first purchaser.

After the material or workmanship defects have been identified, Pilatech will repair or replace the defective component, or the whole unit, at their own discretion.

The parts repaired or replaced will be warranted for the warranty period remaining on the original product purchased.

The warranty does not cover shipping costs, customs charges, or any expense paid to install the shipped parts.

The warranty does not cover any compensation for direct or indirect damages, caused by people of by product defects.

### **Field of Application**

Pilatech fitness equipment is designed to practice the Pilates methods, to be used by professionals inside suitable facilities, with the supervision of qualified staff.

The equipment can be used for rehabilitation purposes only by professional with the qualifications required by the country they operate in.

To view examples of exercises you can carry out with the SPLIT Reformer, its Tower Unit, as well as the posture exercises you can carry out on our pieces of equipment, go to <http://pilatech.com/it/prodotti/esercizi-e-postura.html>

### **Maintenance**

The level of safety and efficiency of this piece of equipment can be maintained only by regularly checking all its components.

**NB:** If you find any damaged, broken or worn part, please notify Pilatech Srl as soon as possible to have the part replaced or repaired by one of our service engineers.

**In the meantime, do not use the equipment.**

More specifically, periodically assess the condition of the components and how they are assembled:

- **Frame:** The wooden part must be cleaned with a damp cloth and a small amount of mild soap. Never use alcohol based or harsh cleaning products. Use a brush to remove any dust collected in the recessed parts.
- **Metal and fibreglass parts:** The metal parts do not normally require any maintenance. Clean them with the same cloth used for the wooden frame.
- **Sliders and moving parts:** These components do not normally require any lubrication. If required, only use dry PTFE based lubricants. Using oils and greases will only cause more dust and dirt build-up, which negatively affects the operations of the various components. Keep the runners and sliders clean by using the same cloth used for the wooden parts, making sure to remove all the dust, hair and other dirt that may have built up. If necessary, also use the brush.
- **Tower bar pivots:** Lubrication of these components is not required. Make sure the pivots securely tightened and there is no excessive play during exercises.
- **Straps:** great attention must be paid to the condition of the safety straps, to all handles supplied and to their stitching. If unsure about their effectiveness, replace them.
- **Upholstery:** The upholstery must also be cleaned with a damp cloth and a small amount of mild soap. Alcohol based and harsh cleaning products must never be used as they could remove the surface's protective film, turning into a porous surface, which would trap more dirt.
- **Screws:** periodically check that all the screws are securely tightened, i.e. both the screws used to assemble the chair and those used to fix it to the wall. If they require tightening, use the tools supplied or a Phillips head screwdriver of the correct size.

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Tel: +39 031 766599 – Fax +39 031 768691 - email: [assistenza@pilatech.com](mailto:assistenza@pilatech.com)

## Before using the piece of equipment

Carefully read this instruction manual.

Open the boxes in the order shown and follow the instructions shown by the associated pictures.

Make sure that all safety instructions are followed.

## Attenzione!

### Assembly tools required

The tools required to assemble the product are already included in the assembly kit.  
Do not open the boxes with sharp tools to avoid damaging their content!

### Checking the integrity of packaging

Before signing the Delivery note, carefully check the packaging to make sure it has not been damaged during transport.  
Even minor breakages can cause major damages to its contents.  
If damages are found, **do not sign the delivery note** or write “**Collected with right to check**” on the courier’s delivery note.  
This allows customers to claim compensation from the courier.

### Opening the packaging:

The Split is shipped pre-assembled and ready for use.  
A few simple operations are required before it can be used.  
The packaging can be opened by cutting the plastic straps that secure it.  
Remove the top and side cartons, as shown in the following pages.  
Also remove the polystyrene corners and the other corners provided to protect all parts of the equipment.  
Now open the box with the yellow label, which contains this instruction manual, the long box, the risers, the seat and the springs.  
Move the piece of equipment to its final location. (If the piece of equipment is too large to be moved to its final location and needs to be disassembled, follow the special instructions shown in the following pages).

#### BOX # 2

Aprire per prima questa scatola – Istruzioni  
Öffnen Sie diese Schachtel als Erste – Anweisungen  
Open this Box First – Instructions Inside

## Checking the contents

Check the Content list (“Enclosure C” on page 27) and make sure that all the parts shown are actually enclosed. If not, notify Pilatech as soon as possible.

## Disposal of packaging

The material used to package the product must be disposed of in compliance with the purchaser’s local regulations to minimise its impact on the environment.

## Assembly

The components to be assembled and the tools required are listed below.

### Warning:

**Fit one component at a time, taking care to only open the boxes with the matching serial number.**

### Componente:

1. 1 Tower Bar (Push Through Bar)
2. 2 kits of white galvanised medium spring (4 springs)
3. 1 Kit of yellow galvanised light springs (2 springs)
4. 12 bronze double snap-hooks
5. 1 Kit of Stirrups handles
6. 1 feet strap with clip
7. 1 90cm long beech pole
8. 1 Rolling Back Bar
9. 1 Tower safety strap
10. 1 Elasticated tie
11. 1 Skirting board spacer

12. 1 Assembly kit
13. 1 Instruction manual (Product datasheet)

### Content of assembly kit:

14. 4 self-tapping 4.5mm screws + 4 wall/plasterboard rawl plugs
15. 1 Allen key no. 4
16. 1 Allen key no. 5

**1) Remove the content from cartons 1 and 2.**

**2) Position the struts, making sure that they are lined up with the holes.**



After opening boxes no.1 and 2, remove the wall mounted support and the struts from the package.



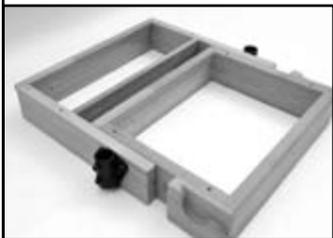
Make sure that coloured stickers match: red with red and yellow with yellow.



Unscrew the pre-assembled bolts. The threaded bushes must be lined up with the corresponding holes.



Refit the bolts from both sides, then tighten them fully.



**3) Position and fix the base to the wall.**



Position the base frame on the floor after selecting the desired position for the Wall Unit.



Mark the position corresponding to the holes in the wood and drill the skirting board.

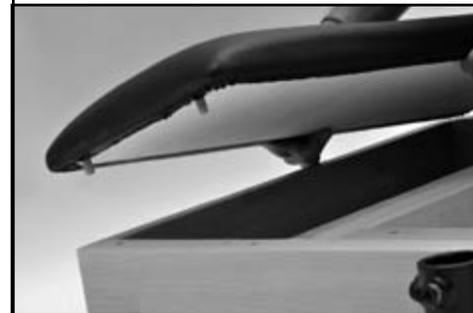
If necessary, position the skirting board spacer.

Fix the base to the wall with the screws supplied, in the desired position.



Position the external base that includes the pivots where the tilting platform will be inserted.

Join it to the base and fix it to the wall by tightening the screws supplied.



**4) Cover the bases with the upholstery.**

To cover the bases with the upholstery, simply pressure fit the two padded panels.



**5) Fix the metal struts onto the base. The couplings are already pre-fitted.**

Make sure that the struts are inserted all the way.

Partly, but not fully tighten them.



**6) Insert the Tower bar.**

Insert the Tower bar in the sliders provided.



The pin, spacer and locking nut must be fitted in the sequence shown in the picture.

Tighten the nut.



**7) Fix the wall mounted panel.**

Check that the struts are perfectly vertical by using a spirit level or a plumb line.

Mark on the wall the points corresponding to the panel holes. Drill the holes and insert the rawl plugs in the holes.

**NB: The rawl plus fitted to the wall must withstand a load of at least 25Kg each.**

This is to ensure the users' safety whilst exercising with the extended springs and with other people nearby.

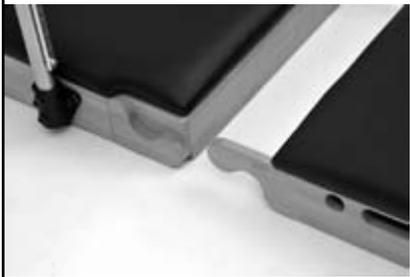
Position and fix the panel to the wall.





**8) Fix the struts to the base.**

Now the struts can be fully tightened at the base





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## Enclosure A: Metal Specifications

Bearing frame	<p>Solid beech wood and beech plywood.</p> <p>The beech is one of the most resistant Italian noble wood. It is grown in intensive cultivation and its use in our industry does not pauperise Italian natural resources.</p> <p>Other woods are available on demand.</p>
Metal frames	<p>All the metal parts are made of black painted steel or aluminium. All weldings have been carried out with the TIGG technique, an advanced technology that ensures a high level of mechanical strength and an aesthetically pleasing finish.</p>
Special metal frames	<p>Pivots, joints and other components have been specifically designed and manufactured to offer the highest mechanical resistance to different stresses.</p>
Slider	<p>The sliders are made of aluminum and stainless steel retaining rings.</p> <p>A special nylon insert ensures the smooth scrolling and only occasionally need lubrication with PTFE or dry Silicone.</p>
Plastic and rubber parts	<p>All these components have been manufactured with certified materials that do not contain toxic, allergenic or unpleasant to touch components.</p>
Upholstery	<p>Both leatherette and padding have been selected and designed to offer the highest comfort when carrying out the different exercises.</p> <p>These products fully comply with legal requirements and offer the highest level of resistance to wear and a long life. Polilatax, the material used to make the padding of our pieces of equipment is one of the technologically most advanced synthetic polyurethanes.</p> <p>The material is the outcome of our ongoing research, and its water based, CFC (Chlorofluorocarbons) free, environmentally friendly composition ensures air circulation and the best humidity and temperature level, as well as the correct ergonomic support. It is available in a range of colours.</p>
Painted parts	<p>The steel parts are powder painted, with black textured finish.</p> <p>The wooden parts are painted with water based, non toxic paints.</p> <p>The quality standards are of a very high level, to ensure that colours do not fade over time.</p> <p>Tests on resistance to wear and tear have been carried out to ensure the highest resistance to scratches.</p>

## Enclosure B

### Caratteristiche Tecniche

Max. Height		240
Free height under the panel	cm	215
Width	cm	66
Length with lowered platform	cm	270
Length with raised platform	cm	60
Weight	Kg	40
Max. load	Kg	120

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## Enclosure C

List of all parts subject to wear: Interval of inspection and replacement (if required)	
Components subject to wear	Check
Wall fixing screws	3 months
Spring attachment sliders	3 months
Ropes and straps	3 months
Tower and Tower bar supporting sliders	3 months
Platform padded frame	6 months

## Enclosure D

Box 1 content list:		
Item	Description	Quantity
Wall mounted panel	Wall anchor panel	1
Base frame	90cm pole	1
Accessories box	Accessories box complete with springs, straps and assembly manual	1
Box 2 content list:		
Tilting platform	Tilting platform	1
Pole	90cm pole	1
Box 3 content list:		
Struts	Rh and lh vertical tubes	2