



PS-300 SECTIONAL DOOR

INSTRUCTIONS FOR USE AND MAINTENANCE

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We are honoured that you have chosen to buy a Giménez Ganga product.

This manual has been prepared with the main purpose of providing you with all the necessary information to correctly install, use and maintain your newly-purchased door, in order to ensure maximum safety and guarantee a long product life.

We strongly recommend that you carefully read the recommendations contained in this manual, which will inform you about the safety, use and maintenance of the installation.

Only a proper installation and maintenance, carried out by a professional, can ensure the safety and correct operation of this product.

Therefore, it is the fitter's and user's responsibility to follow the contents of this manual.

01 GENERAL RECOMMENDATIONS REGARDING SAFETY, USE AND RESTRICTIONS

It is very important for your safety to follow all the instructions and recommendations given in this manual.

The operation of this type of door requires special efforts and can be a source of danger. Therefore, it is advisable not to get in the way of any moving parts while in operation; before going through the door, it must have stopped completely.

Do not allow children to handle door components or operate it.

Do not try to oppose the door movement as it can cause serious injuries.

Do not force any of the installation components.

Do not manoeuvre the door under windy conditions, it can be dangerous.

Inform all users of this installation about these warnings.

In case of breakdown, inform a qualified professional.

To guarantee the safety and durability of this product, it is of great importance that adequate maintenance is performed by a qualified professional. To this end, refer to the Maintenance section of this manual.

02 CONSUMER NOTICES

The end user should know that a continuous operation of the engine going up and down uninterruptedly for several minutes will result in an engine overheat. For the engine's self-protection, we have included a thermal protector that temporarily disconnects at high temperatures until it cools down. The engine will run normally again after a few minutes, thus avoiding total breakdown.

In the case of automatic doors, an anti-crushing protection system, required by the regulations, is considered a maximum safety measure. This protection involves incorporating a device in the lower part of the end slat to detect and avoid possible crushing. This device makes the engine move upwards immediately upon contact with an object.

For this reason, the user is advised to verify that the door has been fully closed, since there is a possibility that it may stay open if an obstacle is encountered during the descent, allowing free access to the house, shop, etc.

03 OPERATING INSTRUCTIONS

3.1 MANUAL DOORS

To open the manual doors, release the door from its latches and exert pressure in the opening direction.

3.2 POWER OPERATED DOORS

In the case of doors with controls, operate the control following the steps of the fitter.

3.3 WARNINGS FOR CORRECT OPERATION

Do not deactivate any of the safety systems that come with the product, otherwise, it is recommended to advise the final consumer of other additional safety systems that the regulation does not include as a requirement and that will benefit the safety of the installation.

The user is prohibited from modifying the operating devices.

The fitter has to explain the product operation to the end user, as well as the parts that should not be handled, who to call in case of failure, and list all the alternative operations available.

3.4 MANUAL EMERGENCY ACTION

If this device has been installed, it is possible to find the following model:

- Emergency activation of sectional doors. In this case, unlock the engine clutch and activate the shutter as mentioned in section 3.1.

04 DOOR MAINTENANCE AND REPAIR

Responsibility and obligation for the maintenance of the door lies with the owner, unless otherwise agreed in writing.

Therefore, we recommend ensuring that the system is only used when in perfect condition, that a professional regularly inspects the correct operation and safety devices, whenever necessary and at least once a year, and that such inspections are recorded.

At the end of this manual, you will find a small maintenance record, where you can record the minor checks that Giménez Ganga recommends you perform annually.

You must hold proof of these inspections.

During maintenance, emphasis will be placed on performing a specific inspection of the safety components, in addition to those parts which, due to their use, are susceptible to wear.

In case of any doubt about incorrect door operation, contact the fitter.

It is advisable that the user does not perform any manoeuvre to improve the performance, nor lubricate the parts of any component that does not have friction, as this must be done by a professional and at certain points of the installation.

The recommended regular maintenance of the sectional door is detailed below:

After installation:

- | | |
|---|----------|
| 1. Grease the moving part of the guide | MECHANIC |
| 2. Grease the roller bearings | MECHANIC |
| 3. Grease the roller shafts | MECHANIC |
| 4. Grease the axle bearings | MECHANIC |
| 5. Grease the pins of the roller supports | MECHANIC |
| 6. Grease the closure | MECHANIC |
| 7. Protect the panels with car wax | USER |
| 8. Smear the rubbers lightly with petroleum jelly | USER |

After three:

- | | |
|---|----------|
| 1. Complete a visual inspection | MECHANIC |
| 2. Check compensation and adjust if necessary | MECHANIC |
| 3. Lubricate all the points mentioned above, if necessary | MECHANIC |

Every six months (or after every 750):

- | | |
|--|------|
| 1. Check for damage, wear and tear or deterioration to the lateral sealing gaskets | USER |
| 2. Check the upper seal for damage, wear or deterioration | USER |
| 3. Check the lower seal for damage, wear or deterioration | USER |
| 4. Grease all the previously mentioned points | USER |
| 5. Clean the panels | USER |
| 6. Clean the sight glasses (wash with water only, do not use rags) | USER |
| 7. Remove dirt and debris from the door and its surroundings | USER |

Every twelve months (or after every 1500 cycles):

	MECHANIC
1. Check or test the attachment of the springs to their supports.	MECHANIC
2. Check the compensation and adjust if necessary	MECHANIC
3. Check for damage, wear and tear or deterioration to the cables	MECHANIC
4. Check the cable connection points on the drums and the base plate	MECHANIC
5. Check the wear condition of the rollers and confirm that the assembly can move freely	MECHANIC
6. Check the roller supports for breakage	MECHANIC
7. Check for damage, wear and rust on the panels	MECHANIC
8. Check the safety device against spring breakage	MECHANIC
9. Check and verify the engine safety systems	MECHANIC
10. Check the manual operation of the door	MECHANIC
11. Grease the springs	MECHANIC

Every two years (or after every 3000 cycles):

	MECHANIC
1. Grease all the previously mentioned points	MECHANIC
2. Check or test the attachment of the springs to their hardware	MECHANIC
3. Check the balance of the door and adjust it if necessary	MECHANIC
4. Check cables for damage, wear or deterioration	MECHANIC
5. Check the cable connection points on the drums and the base plate.	MECHANIC
6. Check the wear condition of the rollers and confirm that the assembly can move freely	MECHANIC
7. Check the roller supports for breakage	MECHANIC
8. Check for damage, wear and rust on the panels	MECHANIC
9. Check the safety device for any spring breakage	MECHANIC
10. Check the motor safety systems	MECHANIC
11. Check manual door operation	MECHANIC
12. Grease the springs	MECHANIC
13. Check the lateral sealing gaskets for damage, wear or deterioration	MECHANIC
14. Check the upper sealing gasket for damage, wear or deterioration	MECHANIC
15. Check the lower sealing gasket for damage, wear or deterioration	MECHANIC
16. Check the shaft for any damage, wear and tear or deterioration	MECHANIC
17. Check the base plate for damage, wear or deterioration	MECHANIC
18. Check the drum is still securely attached to the shaft and keys	MECHANIC
19. Check and tighten the coupling fasteners	MECHANIC
20. Check the connections of the guidance system	MECHANIC
21. Check the fixing of the door to the lintel and the ceiling	MECHANIC

For greasing, use: PTFE or SAE20.

For cleaning, use: A mild soap with water. Do not use aggressive soaps or rags.

05 WARRANTY

Giménez Ganga guarantees all its defective parts or components for two years, excluding the installation, visits or labour.

Warranty for this product will be void in the case of damage caused to it due to a lack of knowledge of the product or of the instruction manuals.

Warranty for this product will be void if modifications are made to it or if components not supplied by our company are incorporated.

Warranty will be void in the case of improper handling of the product as a whole, either manual or electric.

Warranty will be void if the entire system or its components are not appropriately maintained.

Warranty will be void if any of the components we supply are altered or changed.

Warranty will be void if any of the suggestions or recommendations given in this manual are not followed.

Giménez Ganga will not be liable for problems caused due to the modifications in the construction of the door on the user's own initiative.

MAINTENANCE REPORT

MAINTENANCE COMPANY DETAILS			
NAME		TELEPHONE	
ADDRESS		TOWN	
INSPECTION CONTROL			
REVIEW DATE		SCHEDULED DATE NEXT REVIEW	
CONTROLS	CORRECT	INCORRECT	OBSERVATIONS
Controlling the structure of door fixings (screw tightening)			
Verify the correct door opening and closing operation			
Check function of the security system			
Check the function of emergency manual control if worn			
Lubrication of the mechanical parts (greases or oils recommended)			
Verify the smooth operation of the manual door and if necessary adjust the tension of the springs			

MAINTENANCE COMPANY DETAILS			
NAME		TELEPHONE	
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REVIEW DATE		SCHEDULED DATE NEXT REVIEW	
CONTROLS	CORRECT	INCORRECT	OBSERVATIONS
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Verify the correct door opening and closing operation			
Check function of the security system			
Check the function of emergency manual control if worn			
Lubrication of the mechanical parts (greases or oils recommended)			
Verify the smooth operation of the manual door and if necessary adjust the tension of the springs			



DECLARATION OF CONFORMITY

(According to the Directive 2006/42/CE on machinery)

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Who, in turn, is the legal person authorised to compile the Technical Record.

DECLARES THAT THE SECTIONAL DOORS OF THE MODEL: PS-300

Comply with the relevant provisions of **Directive 2006/42/CE**.

And they have been developed and manufactured in compliance with the chapters of **EN 13241:2003+A2:2016** listed in its **ANNEX ZC** and give presumption of conformity with the above-mentioned **Directive 2006/42/CE**.

In addition, in its development and manufacture, the **European Construction Product Regulation No. 305/2011** is fulfilled and, insofar as applicable to the activation system into which they are installed, complies with the following directives:

- **Directive 2014/30/UE - Electromagnetic Compatibility**
- **Directive 2014/35/UE - Low Voltage**
- **Directive 2014/53/UE - Radioelectric equipment and telecommunications terminals**

In Sax April 17, 2018

Signe Francisco Giménez Pla
 Director of CE Marking

APPLICABLE REGULATIONS

At Giménez Ganga we certify all our products with declarations of conformity and carry out rigorous testing on all our products thus complying with legal standards and guaranteeing the highest performance of our products. The following are some of the most relevant standards directly related to the PS-300 sectional door:

European Construction Products Regulation No. 305/2011

Directive 2014/30/EU - Electromagnetic Compatibility

Directive 2014/35/EU - Low Voltage

Directive 2014/53/EU - Radio equipment and telecommunications terminals

Directive 2006/42/EC - Machinery

EN 13241:2003+A2:2016. Industrial and commercial garage doors and gates. Product standards and performance characteristics.

EN 12604:2017 Industrial and commercial garage doors and gates. Mechanical aspects. Requirements.

EN 12453:2017 Industrial and commercial garage doors and gates. Safety in the use of power-operated doors.

EN 12444:2000 Industrial and commercial garage doors and gates. Resistance to wind load

EN 12635:2002+A1:2008. Industrial and commercial garage doors and gates. Installation and use.

