

# RENOV' POLYCARBONATE

Ref.: 052086



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## **DECLARATION OF CONFORMITY:**

GYS certifies that the Renov'Polycarbonate box complies with regulations 89/392/EEC, modified 91/36/EEC.

## **PRECAUTIONS AND WARNING BEFORE USE**

To reduce the risk of physical damage, all persons operating, installing, servicing, repairing, maintaining, or replacing accessories, as well as those who work near the tool, must read and understand these instructions.

### **Possible risks from power supply and connections**

- Pressurized air can cause serious damage.
- Always stop the air distribution and disconnect the tool from the network to replace accessories, repair it or if you are not using it.
- Do not direct the air jet at other people or yourself; always use the tool at a safe distance from people near the work area.
- Whipping of pipes can cause serious damage; check pipes and connections carefully for loss or breakage.
- Do not use the quick-change couplings on the tool, as they may cause the tool to become heavy and loose due to vibration
- Read the instructions for correct assembly.
- Whenever you use universal swivel couplings, use a locking pin.
- Do not exceed the maximum limit of 6.3 air pressure of the value indicated on the air tool insert.
- Handle hoses and connectors with care. Do not transport the tool by grasping it by the pipe. Do not pull it by force to disconnect it from the air supply. Keep pipes away from heat sources, lubricants and sharp edges. - Check the hoses for wear before use. Check that all connections are secure.

### **Risks caused by fragments**

- Always use eye and face protection when using the tool.
- Smaller fragments could also cause eye damage and blindness.
- The explosion of pneumatic tools can cause serious damage.

### **How to avoid the risk of becoming entangled**

- Keep a suitable distance from working drills, blades, moving tools, etc.
- Do not wear rings or loose clothing.
- When you are near the tool and its accessories, pay attention to any long hair as it could get tangled.

### **Risks caused by operation**

- Avoid direct contact with the shaft and its accessory if they are in motion to prevent cutting.
- Put protective gloves on your hands.
- Do not modifier the tool and its accessories.
- Operators and maintenance personnel must be physically able to manage the power of the tools and monitor the necessary operations.
- Do not force the tools; if you use it at the speed for which it was designed, its performance will be better.

### **Dangers caused by working conditions**

- Slipping, tripping and falling are the main causes of accidents.
- The high noise level can cause permanent damage to hearing. Employers and occupational safety bodies recommend the use of earmuffs.
- Keep your body in balance and firmly on your feet. Repetitive work movements, unusual positions and exposure to vibration can be harmful to your hands and arms. In case of numbness, tingling, pain or pallor, stop using the tool and see a doctor.
- This tool is not suitable for use in hazardous areas.

### **Safety standards for the use of the tool.**

- Handle the sander and polisher with care to ensure prolonged performance over time.
- Wear eye and ear protection, a half mask and protective gloves when using the tool.
- Use sander and polisher in ventilated areas.
- Do not use tools in hazardous areas and use away from combustible materials; contact of the tool with metals produces sparks.
- Do not hold or pick up the device by the hose.
- Abrasives heat up during use. Allow them to cool before handling them. Disconnect the air hose when changing or adjusting the abrasives.

## POWER SUPPLY

### **Commissioning :**

The compressed air network must be perfectly purged and adapted to the consumption of the tool. A pressure-reducing and lubricating filter (except for tools intended without lubrication) of suitable size must be installed at a maximum distance of 10 metres from the tool. Its regulation pressure must be set at 7.5 bar and the special oil flow rate for tools to be lubricated must be about 1 drop of oil every 30 seconds for an air flow rate of 100 litres/mm. Please note that the air consumption of your tool must be higher than the minimum priming flow rate of your lubricator. A shut-off valve must be placed upstream.

The connection between this filter-regulator-lubricator assembly and the tool is made with a special "compressed air" rubber or pvc hose with a maximum length of 10 metres and an internal diameter of at least 8 mm for tools with a 1/4" supply connection and 12 mm for 3/8" connections. It shall be fitted with a self-closing or semi-automatic coupling close to the tool for easy disconnection.

### **Use:**

Use only accessories in perfect condition that correspond to the requirements of the tool.

Avoid running the tool empty. If this is the case, after a long period of use, make sure that no accessories are attached to the tool. It is essential to disconnect the tool from the power supply when attaching accessories.

Check that they are securely fastened before connecting the tool.

Regularly inspect the condition of the supply piping. In the event of damage or leaks, proceed to immediate repair. A broken pipe can cause serious injury.

Periodically check lubrication levels, filter and pipe purging.

### **Maintenance:**

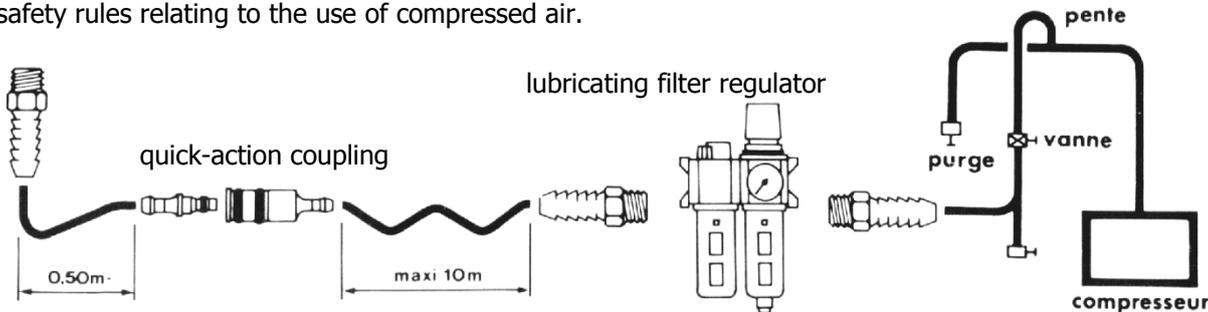
At the beginning of the day and before a prolonged period of non-use, add a few drops of oil directly into the inlet port. Do not use flammable liquids such as petrol and diesel.

Regularly check the condition of the regulating filter and the oil level in the lubricator of the air system.

Make sure that the supply connections, piping and accessories are in perfect condition. Regularly drain the compressor pipes and tank. Don't forget your probation deadline.

Only original parts available from the supplier may be used for tool maintenance.

The company cannot be held responsible for modifications made to the tools and for failure to observe the general safety rules relating to the use of compressed air.



### **TOOLS**

- 1 case
- 1 roto-orbital sander 75mm
- 1 polisher 75mm
- 1 key 12/17

### **CONSUMABLES**

- 1 bottle of polish 250ml
- 1 black polishing foam
- 1 orange polishing foam
- 1 plate diameter 75mm
- 10 P500 abrasives
- 10 abrasives P800
- 10 abrasives P1500
- 10 Abrasives P3000

## OPERATION

Ideal for renovating the optics of yellowed headlights.

Can also be used for the renovation of plexiglass in nautical and aviation applications.



The orbital sander and polisher have 2 speeds, selectable by the switch on the side of the tool.



Position 1: fast speed.  
Position 2: slow speed.

Sand with the roto-orbital sander, increasing the fineness of grain (P500, P800, P1500 and P3000), either the entire surface of the polycarbonate in case of yellowing, or the damaged area. Once the surface is perfectly smooth, polish with the polishing machine and the two foam discs (supplied) and the special polycarbonate and plexiglass polish.

For more information, visit [www.gys.fr](http://www.gys.fr).

## TECHNICAL SPECIFICATIONS

### Rotary orbital sander

Diameter (mm)	76
Rotational speed (tr/min)	15000
Power (W)	150
Length LxWxH (mm)	117x145x40
Poids (gr)	580
Noise level (db)	90
Consumption (L/min)	59
Max air pressure (bars)	6.2
Supply connection	1/4"

### Polisher

Diameter (mm)	76
Rotational speed (tr/min)	6000
Power (W)	225
dimensions LxWxH (mm)	127x152x40
Poids (gr)	610
Noise level (db)	89,5
Consumption (L/min)	59
Max air pressure (bars)	6.2
Supply connection	1/4"

## WARRANTY CONDITIONS

- The warranty covers faulty workmanship for 2 years from the date of purchase (parts and labour). - The warranty does not cover incidents due to misuse, fall, disassembly or other damage due to transportation. The warranty does not cover normal wear and tear of parts, such as platters.

In the event of a breakdown, contact your dealer or return the unit to the GYS, enclosing: proof of purchase (receipt, invoice, etc.) & a note explaining the fault. After the warranty, our service department is able to carry out repairs after acceptance of a quotation.

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**FRANCE**

## CONSUMABLES:

Designation	reference
Polycarbonate polish 250 ml	052079
Black polishing foam	052055
Orange polishing foam	052062

Designation	reference
50 P500 abrasives	052017
50 P800 abrasives	052024
50 abrasives P1500	052031
50 abrasives P3000	052048

