



# Handleiding

GY 051829

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# MINI-GRINDER KIT

Ref.: 051829



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## **DECLARATION OF CONFORMITY**

GYS confirm that the Renov/Polycarbonate conforms to the standards 89/392/CEE, modified 91/36/CEE.

## **PRECAUTIONS AND WARNINGS BEFORE USE**

To reduce the risks of injuries, anyone using, installing, repairing, doing the maintenance, replacing the accessories or working close to the machine, need to read and understand all the information of this manual.

### **Possible risks due to the power supply and the connections**

- The air pressure can cause serious injuries.
- Always disconnect and depressurize the machine before any repair or change of accessory or if you are not using it.
- Do not direct the air jet to someone or to you. Respect a safety distance taking into account all the persons around you.
- The whiplash of the pipe can cause serious injuries. Control carefully pipes and connections to check if all is intact.
- Do not use the quick connections on the tool, it can grow heavier and loosen with the vibration.
- Read the manual carefully to assemble the power tool correctly.
- Use a cotter pin every time you are using the universal rotating connections.
- Do not exceed the maximum limit of 6.3 bars of air pressure or the value indicated on the pneumatic tool.
- Handle the pipes and connections with precaution. Do not carry the tool by the pipe. Do not force to unplug it from the air connection. Keep the pipes away from any heat sources, lubricants and sharp edges. Check the wear of the pipes before any use. Check if all the connections are safe.

### **Risks caused by the projections**

- Wear always eye and face protectors when you are working with the tool.
- The little projections can injure your eyes and cause the blindness.
- The explosion of pneumatic tools can cause serious injuries.

### **How to avoid the risk to be entangled**

- Respect a safety distance from drill shanks, blades or any tool in use, etc.
- Do not wear any ring or baggy clothing.
- Be careful with your hair when you are close to the tool because it can get entangled.

### **Risks caused by the use**

- Avoid any direct contact between the main part and the accessory when they are working.
- Wear protection gloves.
- Do not modify the power tool and the accessories.
- The operators and the maintenance staff have to be able to physically handle the power of the machine and follow the operations.
- Do not strain the machine; if you use it at the speed indicated, the performance will be better and more reliable.

### **Dangers caused by the work environment**

- The main causes of accidents are to slip, to stumble and to fall.
- The high level of noise can cause permanent injuries to your hearing. The employers and the work safety organisations recommend wearing ear protectors.
- Keep your balance and plant your feet. The repetitive movements in your work, unusual positions and the exposure to vibrations can be harmful to your hands and arms.
- This tool can not be used in an environment where there is a risk of explosion.

### **Safety standards to use the tool**

- Handle the sander and the polisher carefully to ensure the long term performance.
- Wear ear defenders, eye protectors, safety glasses and protection gloves during the use.
- Use the sander and the polisher in ventilated areas.
- Do not use the tools in high-risk of explosion areas and use it far from combustible materials. Any contact of the tool with a piece of metal can produce sparks.
- Do not hold the machine by the pipe.
- During use, the abrasives get hot. Leave them to cool before handling them. Disconnect the air pipe when you change or set the abrasives.

## POWER SUPPLY

### **Start up:**

The compressed air network must be perfectly depressurized and adapted to the consumption of the tool. A regulator filter and lubricator (except for the tools without lubrication) must be installed at a maximum distance of 10 meters from the tool. The regulation pressure must be set at 7.5 bars and the special oil flow for the tools must be around 1 drop every 30 seconds for a air debit of 100 litres/mm. Be careful the air consumption of your tool must be imperatively superior to the minimum debit of your lubricator. A stopping valve must be put upstream.

Filter, regulator, lubricator and tool are connected by a special soft for compressed air in rubber or pvc. The maximum length is 10 meters and the minimum inside diameter is 8 mm for the tools. The main lead is of 1/4" and 12 mm for the connections 3/8". It needs to be supplied with a connection of self-closing or semi self-closing close to the tool in order to disconnect it easily.

### **Use:**

Only use the accessories in good conditions and fitting with the technical specifications of the tool.

Do not use the machine without being in gear. If it is the case after a long use, make sure that nothing is fitted on the tool. Unplug imperatively the tool to set the accessories.

Check that all the accessories are perfectly fitted before starting the machine.

Check regularly the state of the air supply. In case of deterioration or leak, restore it immediately. The breaking of the pipe can cause serious injuries.

Check periodically the level of the lubricators, the air draining filter and the pipes.

### **Maintenance:**

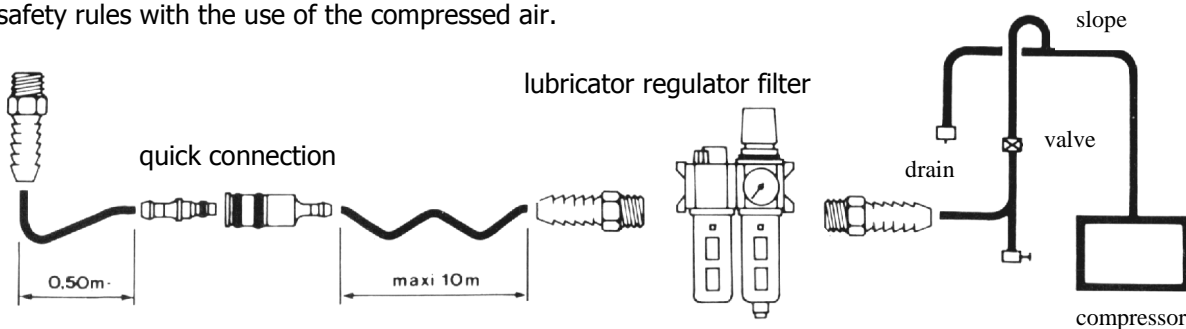
At the beginning of the day and before a long period of stopping, put several drops of special oil directly in the tank. Do not use flammable liquid like petrol or oil.

Check regularly the state of the regulator filter and the oil level in the air pipe lubricator.

Be sure that the main lead, the pipes and the accessories are in good condition. Drain regularly the pipes and the compressor tank. Do not forget its due date.

Only the original spare parts of the manufacturer can be use for the maintenance of the tools.

The company can not be responsible for the modifications made on the tools and for the non respect of the general safety rules with the use of the compressed air.



## ACCESSORIES

- 1 case
- 1 mini-grinder
- 1 adaptor
- 1 chuck key
- 10 abrasives texture 100
- 3 abrasives to polish
- 10 abrasives texture 120
- 10 abrasives texture 80

## GRINDING

Ideal to grind any sheet metal.

The abrasives support is a « rolloc » one.

## TECHNICAL SPECIFICATIONS

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### Grinder

Diameter (mm)	76,20
Rotation speed (tr/min)	15 000/18 000
Power (W)	200
Length LxH (mm)	700
Weight (gr)	700
Sound level (db)	83
Consumption (L/min)	171
Max air pressure (bars)	6,2
Main lead	1/4"

### WARRANTY

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The warranty covers any default or manufacture vice for only one year, as from the purchase date (spare parts and labour force).

The warranty does not cover any issue due to a bad use, dropped product, dismantling or any more issue due to the carriage.

The warranty does not cover the normal wear and tear of the spare parts or the bits.

In case of breakdown, please return the unit to the GYS factory with:

- a proof of purchase (receipt, invoice...)
- an explicative note of the breakdown.

After the warranty, our After-sales service provides the repairs by acceptance of the quotation.

ATTENTION: We remind you that we do not accept any product return with carriage cost not included.

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