

INSTRUCTION MANUAL



ISO 6

ISOL INTERNATIONAL®

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CONTACTS

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CAUTION



THANK YOU FOR READING THIS DOCUMENT AND THE RECEIPT OF YOUR MACHINE BEFORE ITS COMMISSIONING.

YOUR MACHINE HAS BEEN SUBJECT TO MANY OPERATION TESTS IN OUR WORKSHOPS, AND ACCORDING TO INTENSIVE STANDARDS.

ITS HANDLING IS EASY AND ITS EFFICIENCY IS HIGH

DEPENDING ON THE PRODUCTS USED, THE ADJUSTMENT OF THE MECHANICAL VARIATOR ALLOWS FLOWS OF UP TO 30 kg/min.

THE MATERIAL IS STANDARD IN ACCORDANCE WITH EUROPEAN DIRECTIVE 2006/42/CE

NEVER TOUCH THE ROTATING ELEMENTS WITH HANDS OR ANY OTHER PART OF THE BODY- UNDER NO CIRCUMSTANCE NEVER GET ON THE MACHINE

1. GENERALITY

About this document- Read this entire manual carefully before installing or using the machine.

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The assembly and operating instructions are an integral part of the equipment and must always be available near the product at all times. Strict adherence to these instructions is a necessary condition for the correct installation and use of the equipment.

Writing the assembly instructions and commissioning corresponds to the hardware version and the security standards in force on the date of printing

Note – We strongly recommend that this guide be read by relevant managers and administrators, as well as maintenance personnel, so that they can assist those who use the equipment on a daily basis. Be sure to follow all instructions mentioned in this manual.

2. SECURITY

This manual contains essential instructions which must be observed during assembly and use. It is therefore essential that the installer and the operator of the equipment become aware of it before proceeding with assembly and commissioning.

The instructions to be observed are not only those for general safety in this chapter, but also those for particular safety which appear in the following chapters, accompanied by a danger symbol

2.1 SYMBOLS AND SIGNALS

SYMBOLS



: General danger signal



: Instructions on electrical hazards

SIGNALS

- ✓ **DANGER!** = The user submits to an extremely dangerous situation which involve bodily injury (major) if the indication is not followed.
- ✓ **CAUTION!** = there is a risk a damaging system component (example: polyurethane)
« **Caution** » signal instruction whose non-observance may cause damage to the equipment and its operation.
- ✓ **NOTE** = useful note on handling the product. She points out the possible difficulties.

2.2 PERSONNEL QUALIFICATION

Care should be taken to ensure that the personnel required to use the equipment are qualified

2.3 DANGER IN CASE OF NON-COMPLIANCE OF THE INSTRUCTIONS

Failure to observe the **safety instructions can constitute a danger to property and people**. It may also result in the **suspension of any warranty claim**.

More specifically, the dangers involved may be the following:

- a. Danger to people due to electrical and mechanical influences
- b. Failure of the prescribed maintenance and repair process
- c. Property damage

2.4 INSTRUCTIONS OF SECURITY FOR THE USER

The instructions should be observed to exclude any risk of accident. The user must be qualified specialist who has read the contents of the manual. All installation operations must only take place if the corresponding components are stopped.

2.5 MACHINE MODIFICATION AND USE OF UNAPPROVED SPARE PARTS

Any modification of the machine can only be carried out with the prior authorization of the **ISOL INTERNATIONAL®** brand. The use of original spare parts and accessories authorized by the manufacturer guarantees.

The use of other parts releases the company from any liability.

3. UNAUTHORIZED MODES OF USE

The values mentioned in the user manual or the technical data sheet should under no circumstances be exceeded, both maximum and minimum. The operational safety of the delivered machine is only guaranteed if the requirements specified in this document are met.

4. TRAVEL AND STORAGE

4.1 TRAVEL

According to European directive 2006/42 of May 17, 2006, you must ensure the stabilization of the machine during your transport with suitable fixings (straps, support bars...)

4.2. STORAGE

We recommend that you store your machine in a dry place away from bad weather.

5. GUARANTEES

ISOL INTERNATIONAL® machines are guaranteed for 24 months from the date of invoice. The warranty does not include wearing parts (wear plate, fan blades, fan disc...)

CAUTION! Risk of material damage! In case of moving, incorrect transport and storage will result in material damage to the device.

The **ISO 6** machine is intended for blowing fibers of glass, rock, cellulose, ceramics, and low density sprayable products: vermiculite, etc.

It is constructed from mechanically welded sheet metal and is mounted on casters to facilitate its movement on construction sites.

This machine, equipped with a Honda GX 340 (11hp) or equivalent heat engine, which gives you autonomy and efficiency in your activity.

ISO 6



<u>FEATURES</u>	ISO 6
Dimensions (m)	L=1,56 l=0,90 H=1,44
Weight	300 kgs
Motors	Honda GX 340 (11cv) or equivalent
Pipe diameter	Ø100 mm
Length pipe maxi	50 m
Drop maxi	40 m
Power	Automatic
Starting	Electric
Flow	- 700 kgs / h in glass and rock - 800 kgs / h in cellulose

MACHINE PERFORMANCE TABLE

Materials	Manufacturers	Product name	Machine flow in kg / h	Machine output in m2 / h in R7
ROCKWOOL	ROCKWOOL	Rockprime	Until 700	Until 103
GLASSWOOL	ISOVER	Comblissimo	Until 700	Until 184
CELLULOSE WADDING	OUATECO	Ouatéco	Until 800	Until 97

STARTUP THE MACHINE

The engine of this machine has no indicator lights for the oil level, it is necessary and imperative to check this before starting the machine

If this instruction is not observed, the manufacturer's warranty will not apply.



It is essential to connect the pipes to the machine before starting the engine

- 1) Bring the pipe into the attic
- 2) Open the wool bag in 2 half-bags with a cutter and position 1 half-bag on the loading plate
(load half-bag by half-bag)



- 3) Drop the product by itself towards the 2 feed screws (do not overload!)



- 4) Proceed with the blowing



To stop the engine in an emergency, a stop button is located on the side of the machine under the loading platform

VARIATION OF THE PRODUCT FLOW IN THE TUBE

To increase the flow of the product, simply use the drawer located under the tank, the graduation from 0 to 6 allows the hatch to be opened or closed completely.



IT IS RECOMMENDED AT THE END OF THE SITE TO CLOSE THE HATCH COMPLETELY AND TO EMPTY THE TUBES



MAINTENANCE

The machine requires maintenance when it delivers less product and it is too heavy.

The engine of the machine must be stopped.

Access to engine and air filter maintenance is provided by tilting the protective casing.

The only part of the machine that tends to wear out is where the product flows, either:

1) 6 fan blades.

To change these blades, all you have to do is remove the front flange by removing the 8 nuts around the fan with a 13 mm spanner.

Remove the closing flange from the left of the machine.

You have in front of you the ventilation disc with its 6 blades.

To remove the blades, use a 6 Allen key, unscrew the 3 screws on each blade, remove the screws and replace the used blades with new blades. Replace the fixing screws with their respective washers.

2) Check the friction volute at the same time.

The wear of this part should be checked each time the fan is opened.

When this volute is worn, especially in the upper part, change it by unscrewing the 2 nuts located near the fiber outlet, that is to the right of the machine, using a 13 mm spanner.

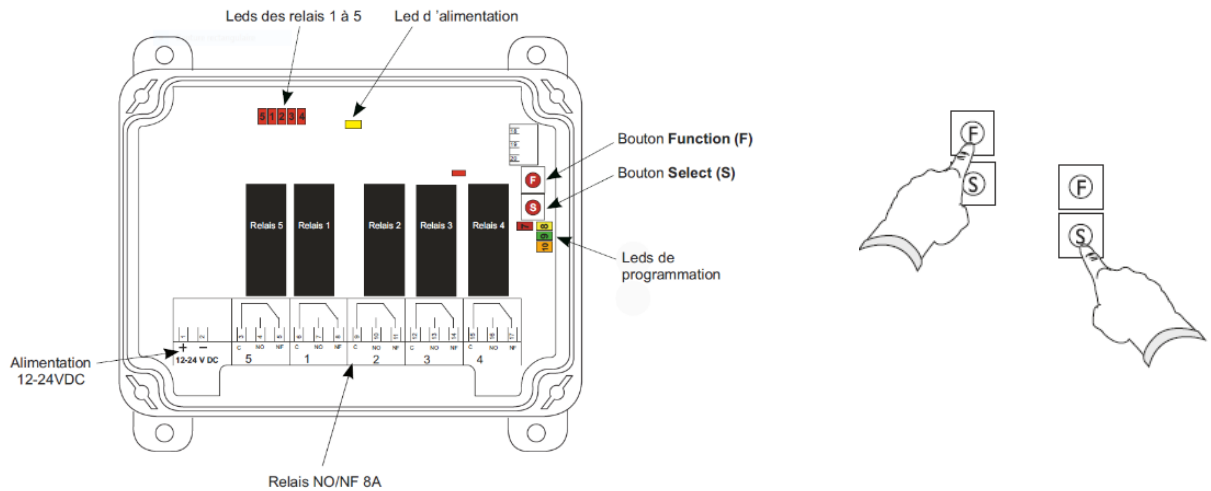
Remove the defective volute and replace it: do not forget to refit the fixing nuts.

Reassemble the front flange by fixing it and tightening the nuts with the 13 mm spanner.

REMOTE CONTROL PAIRING

DELETE ALL TRANSMITTERS IN THE RECEIVER

1. In the receiver, press the Function button (F). The red led 7 lights up.
2. Press and hold the Select button (S). All the relay LEDs light up.
3. Keep pressed until the relay LEDs turn off.



REGISTER THE TRANSMITTER IN THE RECEIVER

1. In the receiver press the Function button (F). Led 7 lights up.
2. Then press the Select (S) button. All the LEDs light up.
3. On the transmitter, press and hold buttons 1 and 2 until the relay LEDs flash 3 times.



TROUBLESHOOTING

ANOMALY	RESOLVE
The engine will not start	- Check if the ignition is on - Check the oil level - Check the fuel level - Check whether the air filter is clogged - Check if the fuel tap is not closed
The machine vacuum badly	Check whether the disc blades are worn

Before any intervention, we advise you to take a photo before any intervention in order to facilitate the reassembly of the equipment.

In the event of a problem, our technical service is at your disposal to resolve the anomaly with you and help you use your equipment in optimal conditions.

CONTACT :

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Depending on the case, we may be asked to offer you the option of troubleshooting by Visio-assistance.

