

USER MANUAL



BV Cert. 20013733
Machines d'isolation



BV Cert. 21959263
Service après-vente

ISOL INTERNATIONAL®

9 - 15 rue du Renouveau - 78700 Conflans Sainte Honorine
01 39 72 72 72

www.isolinternational.com

SUMMARY



Contacts	P.3
Precautionary measures	P.3 to 6
1. General information	P.4
2. Security	P.4
2.1 Symbols and signals.....	P.4
2.2 Staff qualification.....	P.5
2.3 Danger if instructions are not followed.....	P.5
2.4 Safety instructions for the user	P.5
2.5 Modification of the machine and use of non-approved spare parts.....	P.5
3. Unauthorized modes of use	P.5
4. Transport and storage.....	P.5 to 6
4.1 Transport	P.5
4.2 Storage	P.6
5. Guarantees.....	P.6
Technical sheet	P.7
Machine performance table.....	P.8
Commissioning the machine.....	P.9
Recommendations	P.10 to 11
Electrical panel	P.12
Interview blades and scrolls.....	P.13
Troubleshooting	P.14
Technical sheet	P.15

CONTACTS

ISOL INTERNATIONAL®

9 - 15 rue du Renouveau - 78700 Conflans Sainte Honorine

www.isolinternational.com

SECRETARIAT:

+33 (0)1 39 72 72 72

secretariat@isolinternational.com

SALES SERVICE:Mr. Julien Hazera

+33 (0)1 39 11 69 46

commercial@isolinternational.com

PRECAUTIONARY



PLEASE READ THIS DOCUMENT UPON RECEIPT OF YOUR MACHINE BEFORE PUTTING IT INTO SERVICE.

THIS IS ESSENTIAL BEFORE IT IS PUT INTO SERVICE.

YOUR MACHINE HAS UNDERGONE NUMEROUS OPERATIONAL TESTS IN OUR WORKSHOPS, AND ACCORDING TO INTENSIVE STANDARDS.

IT IS EASY TO HANDLE AND HAS A HIGH PERFORMANCE.

DEPENDING ON THE PRODUCTS USED, THE MECHANICAL VARIATOR ADJUSTMENT ALLOWS FLOW RATES OF UP TO 10 Kg/min.

NEVER TOUCH ROTATING PARTS WITH YOUR HANDS OR ANY OTHER PART OF YOUR BODY – NEVER STAND ON THE MACHINE WHILE IT IS RUNNING UNDER ANY CIRCUMSTANCES.

1. GENERAL INFORMATION

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

The user manual is an integral part of the machine and must always be available near your device at all times. Strict compliance with these instructions is a necessary condition for the proper installation and use of the equipment.

The wording of this document and the commissioning instructions correspond to the version of your device and the safety standards in force on the date of its printing.

NOTES: We strongly recommend that this guide be read by the relevant managers and supervisors, as well as maintenance personnel, so that they can assist your employees who use the equipment every day. Be sure to follow all instructions mentioned in this manual..

2. SECURITY

This manual contains essential instructions that must be followed during use. It is therefore essential that the installer and operator of the equipment read them before proceeding with commissioning.

The instructions to be followed are not only those of general safety in this chapter, but also those of specific safety which appear in the following chapters, accompanied by a danger symbol.

2.1 SYMBOLS AND SIGNALS



General hazard symbol



Instructions relating to electrical risks

HAZARD != the user is subjected to an extremely dangerous situation which involves (serious) bodily harm when the indication is not followed.

ATTENTION != there is a risk of damaging organs in the system (example: polyurethanes).

2.2 STAFF QUALIFICATIONS

It is important to ensure that the personnel who will be using the equipment are qualified.

2.2 DANGERS IF INSTRUCTIONS ARE NOT FOLLOWED

Failure to comply with safety instructions may pose a danger to property and people. It may also result in the suspension of any warranty claim.

More specifically, the dangers involved may be as follows:

- Danger to people from electrical and mechanical influences
- Failure of prescribed maintenance and repair process
- Material damage

2.4 USER SAFETY INSTRUCTIONS

The instructions must be followed to prevent any risk of accidents. The user must be a qualified specialist who has read the contents of the user manual. All installation operations must only be carried out when the corresponding components are switched off.

2.5 MODIFICATION OF THE MACHINE AND USE OF NON-APPROVED SPARE PARTS

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

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

3. UNAUTHORIZED MODES OF USE

The values indicated in the user manual or technical data sheet must not be exceeded under any circumstances, either as a maximum or a minimum. The operational safety of the delivered machine is only guaranteed if the requirements specified in this document are respected.

4. TRANSPORT AND STORAGE OF THE MACHINE

4.1 TRANSPORT

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

4.2 **STORAGE**

We recommend storing your machine in a dry place away from the elements.

5. **GUARANTEES**

ISOL INTERNATIONAL® machines are guaranteed for 24 months from the invoice date. This warranty does not include wear parts (motor, wheels, blades, wear plates, disc).

CAUTION! Risk of material damage! In case of removal, improper transport and incorrect storage may cause material damage to the machine.

The equipment is CE standardized in accordance with European directive 2006/42/EC.

The MULTISPEED is designed for blowing and vacuuming all flake insulation: rock wool, glass wool, cellulose wadding, cotton wool, wood fibers, cardboard, etc.

Its small footprint and its raised and widened loading platform make it particularly easy to use.

It is also equipped with a suction kit, ideal for removing old loose insulation from unused attics (easy storage in big bags specially designed for this purpose).

This machine, with low power consumption, can be connected to any single-phase 230 volt socket.



TECHNICAL SHEET

FEATURES	MULTISPEED
Dimensions (m)	L 0.94 W 0.70 H 1.12
Weight (kg)	90
Power supply (booster)	2.2 kW 230V single-phase 10A:
Air (m3/h)	2000
Engine	2.2kw 230v single-phase 10A
Blowing flow rate (kg/h)	Approx. 400
Maximum pipe length (m)	40
Pipe diameter (mm)	Ø100
Maximum difference in height (m)	15
Food	Manual
Noise level emitted by the machine	77 dB

MACHINE PERFORMANCE TABLE

Materials	Machine flow rate in kg/h	Machine yield in m2/h in R7
ROCK WOOL	Up to 400	Up to 58
GLASS WOOL	Up to 400	Up to 105
COTTON WOOL	Up to 400	Up to 88
	Up to 400	Until
	Up to 400	Until
	Up to 400	Until
CELLULOSE WADDING	Up to 400	Up to 37

COMMISSIONING THE MACHINE

1. Connect the machine to a 230V socket that supports 16A, the machine needs 16A at start-up and 9A for current consumption.
2. Connect the blower hose $\varnothing 100$ to the machine. If you use the flexible hose, it is essential to remove the hose from its plastic case before blowing, and carefully follow the direction indicated by the arrow on the hose.



3. Unlock the red emergency stop button to the left, then press the green start button. The machine starts immediately.
4. Open the hood using the handle, then place your bag on the loading platform.

You can now use the machine with any flake insulation product.

To stop the machine, use the red stop button directly on the machine.

Always Stop the machine with the emergency stop before touching rotating parts!



RECOMMENDATIONS

1) BLOWING RECOMMENDATION

Place the bag widthwise so that the fiber relaxes. Cut the bag lengthwise, then loosen the fiber in small volumes and push it towards the suction hole.

Do not use too much fiber, as this may clog the pipes.

We inform you that the volute as well as the blades are wearing parts, their condition determines the air flow and the regularity of the product delivery.



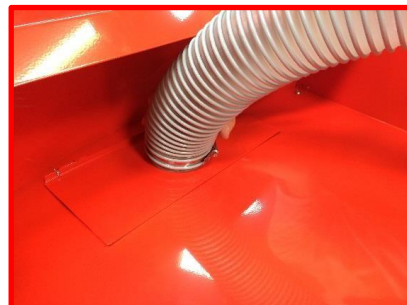
2) RECOMMENDATION ASPIRATION

It is essential to vacuum using the rigid hose; this will not work with the flexible hose.

To vacuum up old flake insulation, simply lower the plate located at the suction hole on the loading platform.

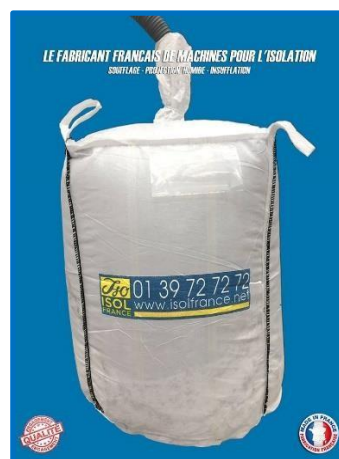
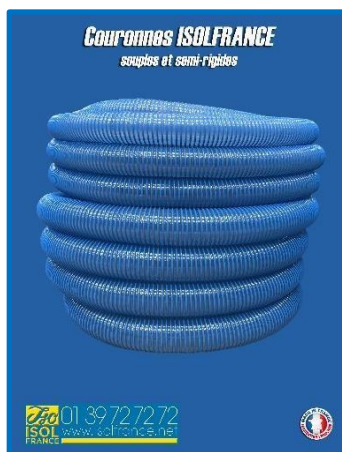


Then connect the rigid pipe using the PVC fitting provided.

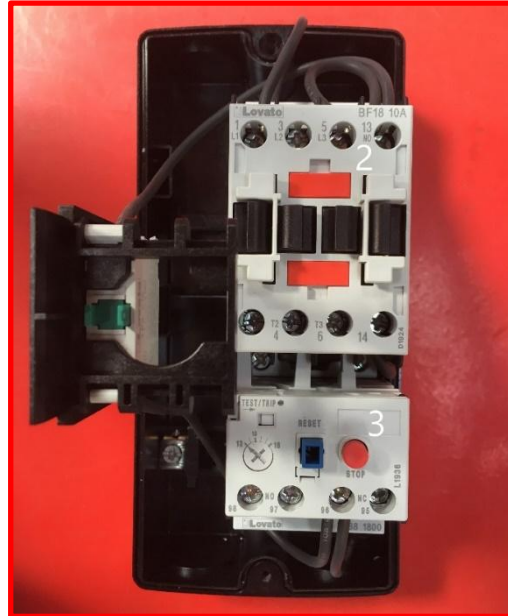


Insert the other (flexible) hose inside the filling neck of the recovery BIG BAG supplied with the machine.

Vacuum up the old insulation.



ELECTRICAL PANEL



1. Machine stop
2. Getting started
3. Contactor (value) 230V
4. Thermal relay (value) 15A

MAINTENANCE OF BLADES AND

The machine requires maintenance when it delivers less product and the product is too heavy. **The machine's engine must be stopped..**

The only part of the machine that tends to wear out is the area where the product circulates, i.e.:

1) The fan blades numbering 6:

To change these blades, simply remove the front flange by removing the 6 M8 BTR screws around the fan with a 13 wrench.

Remove the closing flange from the left side of the machine.

In front of you is the ventilation disc with its 6 blades.

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

2) Check the friction scroll at the same time:

The wear of this part must 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, on the right of the machine, using a 13mm wrench.

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

Refit the front flange by securing it and tightening the nuts with the 13mm wrench.



TROUBLESHOOTING

ANOMALY	RESOLUTION
The machine is blowing less well	- The disc blades need to be replaced - The interior wear plate needs to be replaced
The machine stops	Reset the thermal circuit breaker in the electrical box (thermal relay, press RESET)

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 department is available to resolve the anomaly with you and help you use your equipment in optimal conditions.

WORKSHOP CONTACT:

+33 (0)1 39 72 72 72

atelier@isolinternational.com

Depending on the case, we can offer you troubleshooting via video assistance.

