

EUROPRO

100TR



EUROPRO

You just acquired one of our machines and all the team of Europe Projection thanks you for the confidence you have granted us.

Manufacturer of professional equipments for paint and fillers, we have put our know-how for 25 years at the service of the users of our machines.

Our technical & commercial team is at your disposal for any further information you may need about the machine you just acquired.

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1. USER MANUAL

1.1. IMPORTANCE OF THE MANUAL

This manual is a key part for the use of your machine. It summarizes the procedures of starting-up, cleaning and maintenance of the device and also the safety instructions you need to observe.

Read carefully all the working and safety instructions and the warnings included in this manual before starting your machine.

Most of the accidents are caused by the non-compliance of the safety standards and rules.

This manual must be kept near the machine, within reach of the user and held in good condition until the final destruction of the machine.

In case of loss or deterioration of the manual, you can ask the machine manufacturer mentioned on page 4 for a copy at any moment.

1.2. RECEIVERS OF THE MANUAL

This manual is intended to any staff which will manipulate the machine :

- people in charge of the transport of the machine
- people in charge of the use of the machine
- people in charge of the cleaning and maintenance of the machine
- people in charge of the final destruction of the machine

2. WARNING

2.1. SAFETY

Using the machine in an incorrect way or in non-compliance of the safety instructions indicated in this manual can cause death or serious injuries.

Read carefully all the working and safety instructions and the warnings contained in this manual before starting your machine.



- Respect all the safety standards before running the equipment.
- Use the equipment only for the applications specified in the manual.
- Always remain alert when using the equipment.
- Transport the machine using the handles or the appropriate grips.
- During the breaks, disconnect electrically the machine.



- Run the equipment to its nominal voltage.
- Let at least 50 cm of free space between the equipment and any obstacle so that the air flow is not blocked.
- Know how to quickly stop the equipment in case of necessity.
- Never use the equipment while it is running abnormally or it is defective.
- Do not direct a water jet or flammable liquid on the machine.
- Never direct an air jet or product jet on a person or an animal.
- Do not touch warm surfaces of the equipment.
- Always wear adequate body protections (glasses, gloves, overall and mask) and pay attention to long hair.
- Never touch moving parts.
- Do not insert any object or the hands inside the protection grids to avoid any accident or damage to the machine.
- For any outside job, only use appropriate extension cords.



- Maintain the equipment carefully and clean it properly after every use.
- Disconnect the equipment before any intervention.
- Avoid absolutely to unscrew any connection while the machine is under pressure.
- Check the damaged parts.
- Do not clean the plastic parts with solvent.
- In case of damage of the electric cable or the plug, do not run the machine and contact a licensed After-Sale Service to put genuine parts instead of the defective ones.
- In case of needed After-Sale Service, always specify the machine model and its serial number.
- For any replacement of parts, only use genuine parts.



- Do not cut or dismantle the protection grids.
- Do not transport the compressor while it is under pressure or in operation.
- Do not make any modifications to the machine. In particular, do not drill holes, weld or deliberately deform the compressed air tank.

2. WARNING (continued)

2.1. SAFETY (continued)

WORKSPACE

- Maintain the workspace clean and clear.
- Ambient operating temperature must be from 5°C and 35°C.
- Do not use the equipment in a potentially explosive area.
- Do not place any potentially inflammable objects in close proximity to the machine.
- Take away every not qualified person from the working area of the machine, as well as children and animals.
- In case of installation of the machine on scaffolding or a plan above ground level, attach the machine to avoid any fall while operating.
- Do not install the equipment on an inclined surface to avoid the risks of unexpected moves or falls.

HOSES

- Always use hoses and connections adapted to the used product (genuine parts), do not try to fix it.
- Do not walk on the hoses, do not bend them.
- Do not use the hoses to pull the machine.
- Do not use the hoses for other materials, especially at higher pressures.

STORAGE

- Keep the equipment in a clean and clear area in which the temperature does not exceed +35°C.
- After each use of the compressor, drain the tank to empty the water inside.

**IN CASE OF NECESSITY, WE SAVE OURSELVES THE RIGHT TO MAKE ANY USEFUL
MODIFICATION WITHOUT ADVANCED NOTICE.**

2. WARNING (continued)

2.2. ELECTRIC CONNECTION



The electric connection of the machine must be on a 16A - 230V plug with a differential circuit breaker.

Before any intervention on the machine, make sure that every energy supply is cut (air and electricity).

GROUND CONNECTOR

All the machines must be connected to the ground when they work to protect the operator from electric shocks. Our machines are all equipped with standardized connection plugs.

Electric connection must be made by a qualified technician. It is forbidden to modify or dismantle the machine, especially the electric box.

Repairs must be made by an authorized center or our After-sale Service.

During any intervention on the machine, make sure that the ground is well reconnected.

EXTENSION CORDS

During the use of an extension cord, make sure that it is not crushed or damaged and that it contains a ground. Check that the section of the used extension cord is sufficient to support the machine when it is working. A too thin extension cord can cause voltage drops or overheating of the machine.

In case of use of a cable reel, it is imperative to unwind it entirely, otherwise, the equipment can be damaged. The section must be proportional to the length of the cord.

2.3. END OF LIFE OF THE PRODUCT



At its end-of-life, the machine must not be eliminated with the other household waste. The uncontrolled elimination of waste can harm the environment or human health. Individuals are invited to contact the distributor which sold them the product or to inquire with their city hall to know where and how to get rid of the product so it can be recycled while respecting the environment.

Treatment modality

WEEE returns collected by our clients/distributors at their own expense to our collection points in Antony (92) or Rousset sur Arc (13). Upon receipt, the products are sorted by our employees and directed to the most appropriate processing channels.

3. YOUR MACHINE

3.1. DESCRIPTION

Compressors designed for intensive use on all types of jobs.

They operate on a three-phase electrical supply. They are equipped with a phase inverter, an automatic valve that controls the pressure in the tank, an air outlet with quick-connect half-coupling and 4 folding transport arms.

TO USE WITH

Spraying machine, sandblaster, slurry & paint spray-gun, pneumatic tools...



Do not use the compressor for food or medical applications.

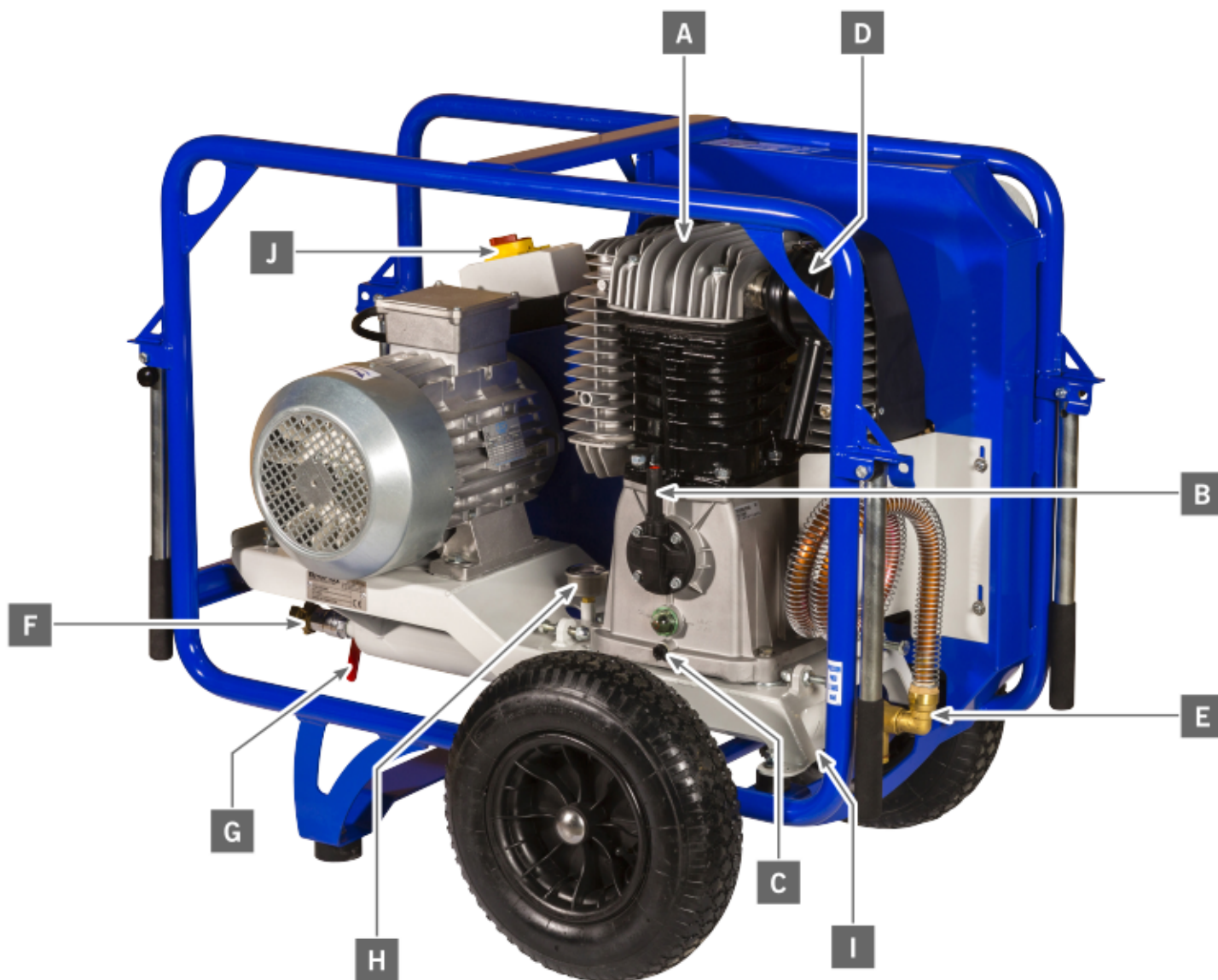
In some applications, the addition of an air dryer and/or oil separator may be necessary.

3.2. TECHNICAL CHARACTERISTICS

	EUROPRO 50TR	EUROPRO 100TR
Rotation speed	1215 RPM	1300 RPM
Flow-rate of air absorbed	820 L/min (49 m ³ /h)	1080 L/min (65 m ³ /h)
Quantity of oil (crankcase)	1,4 L	1,6 L
Oil consumption	1,5 g/h	1,2 g/h
Motor power	5,5 kW	7,5 kW
Transmission	by belt	
Electrical supply	400 V	
Frequency	50 Hz	
Current	12,2 A	16,8 A
Thermal protection	yes	
Safety valve	yes	
Tank capacity	1,64 L	2,64 L
Maximum pressure	10 bar	
Air coupling	quick-connect	
Dimensions (L x w x h)	98 x 69 x 73 cm	109 x 70 x 85 cm
Weight	118 kg	177 kg
Noise level	99 Lwa	101 Lwa

3. YOUR MACHINE (continued)

3.3. IDENTIFICATION OF THE COMPONENTS EUROPRO 100TR



A	Compression head
B	Oil dipstick
C	Drain plug
D	Air filter
E	Autonomous valve
F	Express coupling
G	Air valve
H	Tank pressure manometer
I	Drain screw
J	Box and switch

4. USE OF THE MACHINE

4.1. PREREQUISITES

- For EUROPRO 100TR, the electric connection has to be 400 V - 32 A - 50 or 60 Hz with a 6 x 2,5 mm² cable reel of 40m maximum, completely unreel.
- The compressor is equipped with a thermal circuit breaker that stops the motor when it reaches too high a temperature. If the compressor is stopped, the switch (J) turns to OFF, wait a few minutes for it to cool down, then reset the circuit breaker by turning the switch (J) to the ON position.



Before each use, check the oil level with the dipstick (B). Fill if necessary with ISO 68INH oil until the MAX level of the dipstick is reached.



Before use, it is imperative to connect and start the compressor, check that the direction of rotation of the motor propeller is in accordance with the direction of the arrow (photo K). If not, stop the compressor, unplug it, then reverse the phases in the plug using a screwdriver (photo L).



4.2. STARTING UP

1. Drain the air in the tank with the drain screw (I).
2. Connect the compressor electrically.
3. Close the drain screw.
4. Turn the switch (J) to the ON position to start the compressor.
5. Fully charge the tank, the pressure on the manometer (H) must reach 8 bar. Once this maximum load has been reached, the autonomous valve will decompress.
6. Connect the device (spraying machine, stapler, etc...) to the compressor on the express coupling (F), then open the valve (G). The exact setting of the output pressure will be done on the connected device.
7. Start using your device.

4.3. STOPPING OF THE COMPRESSOR

1. Close the valve (G), then drain the air in the hose.
2. Disconnect the device connected to the compressor.
3. Open the drain screw (I) and let the compressor run for about 2 minutes to drain off the condensation that has formed in the tank.
4. Turn the switch (J) to the OFF position to turn off the compressor.
5. Close the drain screw (I).
6. Disconnect the compressor electrically.

5. DEFECTS AND REMEDIES

Defects	Causes	Remedies
<ul style="list-style-type: none"> Compressor's breaking down. 	<ul style="list-style-type: none"> Bad supply. Faulty circuit breaker. Faulty switch. 	<ul style="list-style-type: none"> Reset circuit breaker or switch (replace if necessary). Check the power supply, change the mains plug. Check the extension section.
<ul style="list-style-type: none"> Compressor doesn't gain pressure. 	<ul style="list-style-type: none"> Clogged filter. Drain open. Air leakage. Broken valve plate. 	<ul style="list-style-type: none"> Replace the filters. Screw back in or replace purge. Check for leaks. Replace the regulating filter. Contact the After-Sales Service.
<ul style="list-style-type: none"> Engine rumbles but won't start. 	<ul style="list-style-type: none"> Capacitor burned out. Lack of oil. 	<ul style="list-style-type: none"> Replace the capacitor. Check the oil level.
<ul style="list-style-type: none"> Compressor loses pressure. 	<ul style="list-style-type: none"> Suction filter clogged. 	<ul style="list-style-type: none"> Clean the filter or replace it if it is damaged.



In case of an unknown defect or a doubt on the good running of the machine, do not try to repair it by yourself or to dismantle it.

6. MAINTENANCE



Disconnect the machine from the power supply before any intervention.

6.1. ONCE PER WEEK

Air filter blowing

EUROPRO 100TR: unclip the air filter (D) and blow it out with a blower to clean it.

6.2. EVERY 200 WORKING HOURS

Replacing air filter

Unscrew or unclip the air filter (D) and replace it.

Changing oil

contact us: +43 2623 73686



Used oil must not be discharged into the environment or sewers, but to a specialised waste disposal service.



If the compressor is used intensively, repeat these operations more frequently.

