

# DropPro 8P / DropPro 14P



**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.

# SUMMARY

<b>1. USER MANUAL.....</b>	<b>p. 3</b>
1.1. Importance of the manual .....	p. 3
1.2. Receivers of the manual.....	p. 3
<b>2. WARNING .....</b>	<b>p. 4</b>
2.1. Safety .....	p. 4
2.2. Electric connection .....	p. 6
2.3. End-of-life of the product .....	p. 6
<b>3. YOUR MACHINE .....</b>	<b>p. 7</b>
3.1. Description.....	p. 7
3.2. Technical characteristics .....	p. 7
3.3. Identification of the components of the DropPro 8P.....	p. 8
3.3. Identification of the components of the DropPro 14P....	p. 9
<b>4. USE OF THE MACHINE .....</b>	<b>p.10</b>
4.1. Prerequisites.....	p.10
4.2. Starting up .....	p.10
4.3. Grain setting.....	p.10
<b>5. CLEANING PROCEDURE .....</b>	<b>p.11</b>
<b>6. DEFECTS AND REMEDIES.....</b>	<b>p.12</b>

# 1. USER MANUAL

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## 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

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### 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 modify the machine.
- Do not cut or dismantle the protection grids.
- Do not open the electric box.

## 2. WARNING (continued)

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### 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.

#### STORAGE

- Keep the equipment in a clean and clear area in which the temperature does not exceed +35°C.
- After every use, necessarily grease the pump with a mixture of water + storage liquid to avoid it blocking up. The storage of a not greased pump can damage it seriously.

## 2. WARNING (continued)

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### 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

Light and compact spraying machines, easy use, it is ideal to spray:

- slurry products (spray plaster, smoothing plaster, texture coating, decorative plaster)
- fibrous products (paper pulp, decorative fibre plaster)
- waterproofing products
- thick plastic coatings
- cork to spray



**Do not use mortars, lime based fillers, solvant based products, products with a grain thicker than 1,5 mm...**

### 3.2. TECHNICAL CHARACTERISTICS

	DropPro 8P	DropPro 14P
Product flow-rate	0 to 12 kg/min	0 to 16 kg/min
Motor power	1,1 kW	1,8 kW
Electrical supply	230 V	230 V
Frequency	50 and 60 Hz	50 and 60 Hz
Motor current	4,7 A	7,55 A
Tank capacity	45 L	57 L
Maximum grain size	1,5 mm	1,5 mm
Maximum pressure	30 bar	30 bar
Minimum pressure	10 bar	10 bar
Pump	MAP 2	MAP 4
Air coupling	quick-connect	quick-connect
Dimensions (L x w x h)	80 x 56 x 84 cm	85 x 56 x 88 cm
Weight	46 kg	60 kg
Delivered with	<ul style="list-style-type: none"><li>- a Ø25 mm x 8 m hose</li><li>- a toolkit containing:<ul style="list-style-type: none"><li>• an ABS spray lance</li><li>• two nozzles n°5 and 6</li><li>• two cleaning balls and a tube brush</li><li>• a 7 mm Allen key</li></ul></li></ul>	<ul style="list-style-type: none"><li>- a Ø25 mm x 10 m hose</li><li>- a toolkit containing:<ul style="list-style-type: none"><li>• an ABS spray lance</li><li>• two nozzles n°5 and 6</li><li>• two cleaning balls and a tube brush</li><li>• a 7 mm Allen key</li></ul></li></ul>

## 3. YOUR MACHINE (continued)

### 3.3. IDENTIFICATION OF THE COMPONENTS

# DropPro 8P



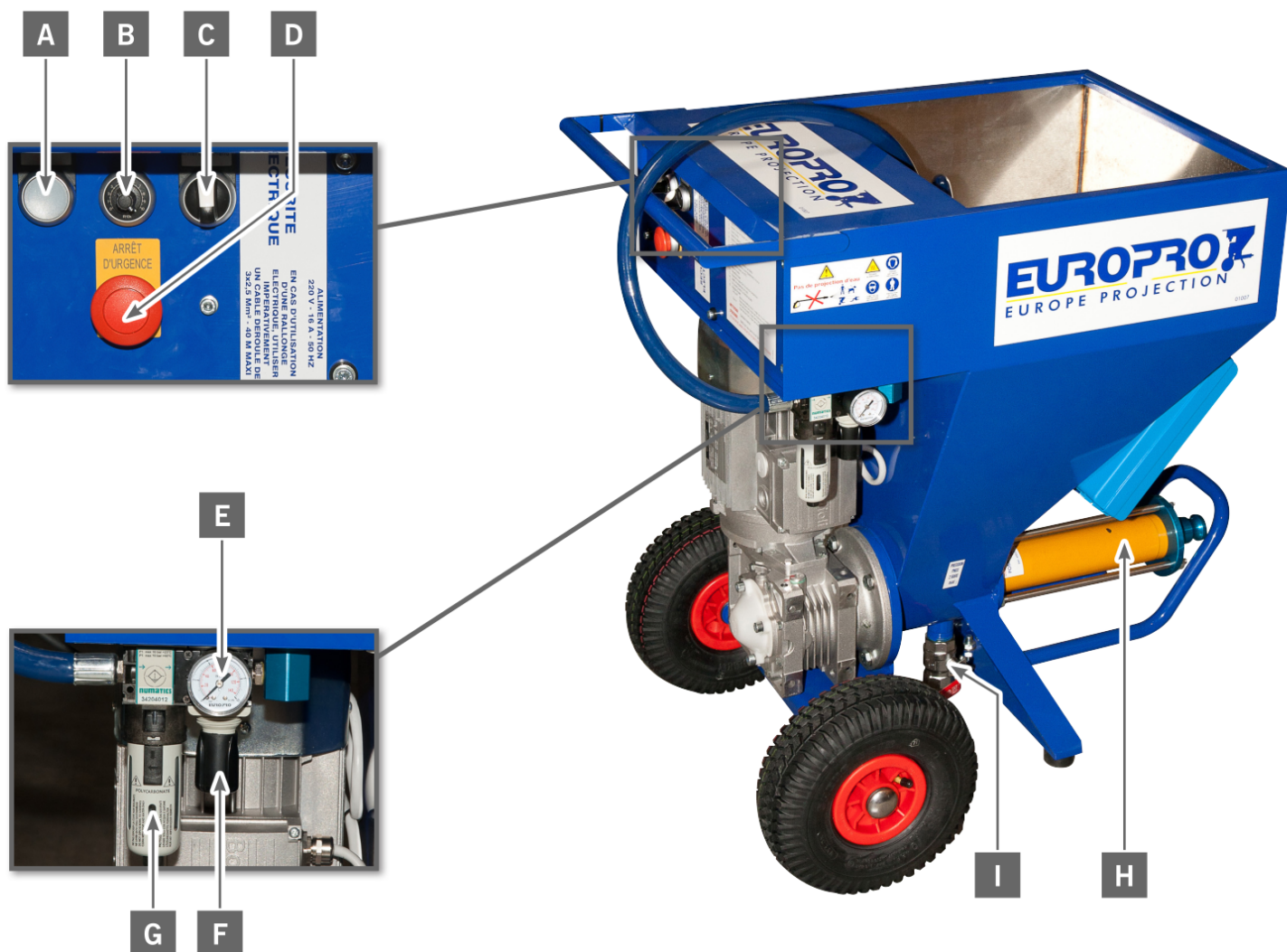
A	ON/OFF button
B	Potentiometer
C	Manu-Auto button
D	Emergency stop button
E	Manometer
F	Air regulator
G	Air regulator filter
H	Rotor / Stator
I	Drain valve



## 3. YOUR MACHINE (continued)

### 3.3. IDENTIFICATION OF THE COMPONENTS

# DropPro 14P



A	ON/OFF button
B	Potentiometer
C	Manu-Auto button
D	Emergency stop button
E	Manometer
F	Air regulator
G	Air regulator filter
H	Rotor / Stator
I	Drain valve

## 4. USE OF THE MACHINE

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### 4.1. PREREQUISITES

- The electric connection has to be 230 V - 16 A - 50 or 60 Hz with a 3 x 2,5 mm cable reel of 40m maximum, completely unreeled.
- The machine must be coupled to a compressor.

### 4.2. STARTING UP

1. Once the machine is connected, connect the air hose on the compressor.
2. Press the "ON/OFF" button (A), the warning light lights up.
3. Remove the nozzle from the lance, then open the lance.
4. Set the flow-rate on 3 with the potentiometer (B).
5. Set the (C) button on "MANU" to check that the machine is working correctly. The drive shaft at the bottom of the tank shall turn.
6. Switch back the (C) button to the "AUTO" position.
7. Pour some product into the tank, then switch back the (C) button to "MANU" position.
8. Wait until the product flows regularly to the lance.
9. Switch back the (C) button to "AUTO" position.
10. Close the lance and replace the nozzle.
11. Connect the air hose to the lance.
12. Switch on the compressor\*.
13. When opening the lance, the machine starts running.
14. Start spraying.

*\*NB: the compressor must be plugged in alone on a 16 A minimum plug with a 3 x 2,5 mm cable reel of 40m maximum, completely unreeled.*

### 4.3. GRAIN SETTING

#### **Large grain**

High product flow-rate (to set from 1 to 10 with the potentiometer (B)).

Low air pressure (to set from 0 to 8 with the air regulator of the compressor).

#### **Thin grain**

Low product flow-rate.

High air pressure.

## 5. CLEANING PROCEDURE

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**Disconnect the machine from the power supply before any intervention.**



**Before unscrewing the hose, make sure it is not under pressure anymore.**

1. Open the drain valve (I) and empty the tank. If needed, add some water to flow out the remaining product.
2. Rinse the tank with water.
3. Close the drain valve, fill the tank with some soapy water and run the machine so the stator can be soaped.  
*(Caution : never use solvant for this operation because the stator would be deteriorated).*
4. Stop the machine.
5. Dismantle the connector on the lance and on the pump.
6. Put the cleaning ball in the pump nose, then replace the hose on the pump.
7. Turn the machine on to make the ball go through the hose until it comes out.
8. Repeat operations 5 to 7.
9. Stop the machine.
10. Take off the connector on the pump again and flush out the pump nose.
11. Clean the lance and the nozzle.
12. Pour some storage liquid into the tank, according to the recommended dilution on the bottle.
13. Disconnect the machine from the power supply.



**The direct projection of water under pressure onto the control panel has to be stopped at the risk of water infiltration into the electric box. Proceed by simply cleaning with a humid sponge.**

## 6. DEFECTS AND REMEDIES

Defect	To check	Remedy
Lack of pressure or no pressure.	<ul style="list-style-type: none"> <li>Pressure of the rotor/stator (shall not be lower than 10 bar).</li> </ul>	<ul style="list-style-type: none"> <li>Install a pressure controller.</li> <li>Replace the rotor/stator.</li> </ul>
The droplet thickens.	<ul style="list-style-type: none"> <li>Nozzle clogged or damaged.</li> </ul>	<ul style="list-style-type: none"> <li>Cleaning of the nozzle every 30 minutes of use.</li> <li>Dismantle the nozzle and clean the 3 air holes.</li> <li>Replace the nozzle.</li> </ul>
Automatism does not work.	<ul style="list-style-type: none"> <li>Quick-connector on the lance is clogged up.</li> </ul>	<ul style="list-style-type: none"> <li>Replace the quick-connector.</li> <li>Check the compressor pressure.</li> </ul>
After turning on the machine, it does not run.	<ul style="list-style-type: none"> <li>The machine has to be in automatic mode before it is turned on.</li> </ul>	<ul style="list-style-type: none"> <li>Unplug the machine to cut the electrical supply. Wait for 3 minutes, then turn on the machine with the button on "AUTO".</li> </ul>
The machine heat up and short-circuit.	<ul style="list-style-type: none"> <li>Amperage of the site.</li> <li>The condition, the section, the length of the extension cord.</li> </ul>	<ul style="list-style-type: none"> <li>The length of the extension cord (40m maximum with a 3 x 2,5 mm cross-section) has to be completely unreeled.</li> </ul>



**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.**



# EUROPRO 30+, 36, 40



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<b>1. USER MANUAL.....</b>	<b>p. 3</b>
1.1. Importance of the manual .....	p. 3
1.2. Receivers of the manual.....	p. 3
<b>2. WARNING .....</b>	<b>p. 4</b>
2.1. Safety .....	p. 4
2.2. Electric connection .....	p. 6
2.3. End-of-life of the product .....	p. 6
<b>3. YOUR MACHINE .....</b>	<b>p. 7</b>
3.1. Description.....	p. 7
3.2. Technical characteristics .....	p. 7
3.3. Identification of the components EUROPRO 30+ .....	p. 8
3.4. Identification of the components EUROPRO 36 .....	p. 9
3.5. Identification of the components EUROPRO 40 .....	p.10
<b>4. USE OF THE MACHINE .....</b>	<b>p.11</b>
4.1. Prerequisites.....	p.11
4.2. Starting up .....	p.11
4.3. Stopping of the compressor .....	p.11
<b>5. DEFECTS AND REMEDIES.....</b>	<b>p.12</b>
<b>6. MAINTENANCE.....</b>	<b>p.13</b>
6.1. Once per week.....	p.13
6.2. Every 200 working hours .....	p.13

# 1. USER MANUAL

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- people in charge of the final destruction of the machine

## 2. WARNING

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### 2.1. SAFETY

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- 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)

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### 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)

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### 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

Single-phased compressors ideal for spraying jobs.

Mounted on a trolley with folding handle, they are equipped with a regulating filter protected with a quick-connect coupling, an air output with a quick-connect half-coupling and an automatic valve that controls the pressure in the tank.

#### TO USE WITH

Spraying machine, slurry & paint spray-gun, inflating handle, small pneumatic tools ...



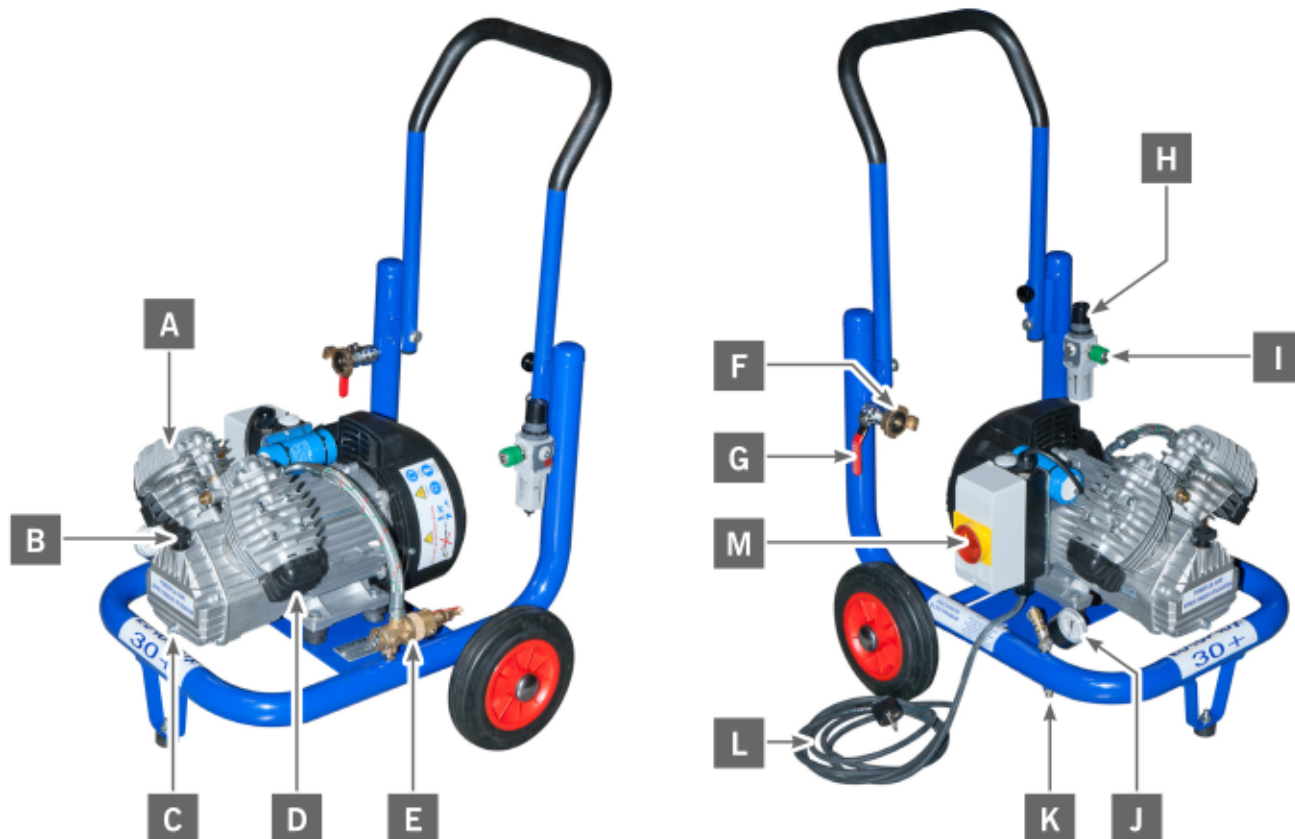
**Do not use the compressor for food or medical applications.**  
In some applications, the addition of an air dryer and/or oil separator may be necessary.

### 3.2. TECHNICAL CHARACTERISTICS

	EUROPRO 30+	EUROPRO 36	EUROPRO 40
Rotation speed	2850 RPM	1420 RPM	
Flow-rate of air absorbed	366 L/min (22 m <sup>3</sup> /h)	385 L/min (24 m <sup>3</sup> /h)	546 L/min (33 m <sup>3</sup> /h)
Quantity of oil (crankcase)	0,44 L	1,52 L	
Oil consumption	1,4 g/h	1,2 g/h	1,4 g/h
Motor power	2,2 kW		3 kW
Electrical supply	230 V		
Frequency	50 Hz		
Current	13 A	14 A	16 A
Thermal protection	yes		
Safety valve	yes		
Tank capacity	1,52 L	4,5 L	
Maximum pressure	10 bar		
Air coupling	quick-connect		
Dimensions (L x w x h)	59 x 55 x 86 cm	85 x 62 x 76 cm	
Weight	36 kg	65 kg	67 kg
Noise level	92 Lwa		

## 3. YOUR MACHINE (continued)

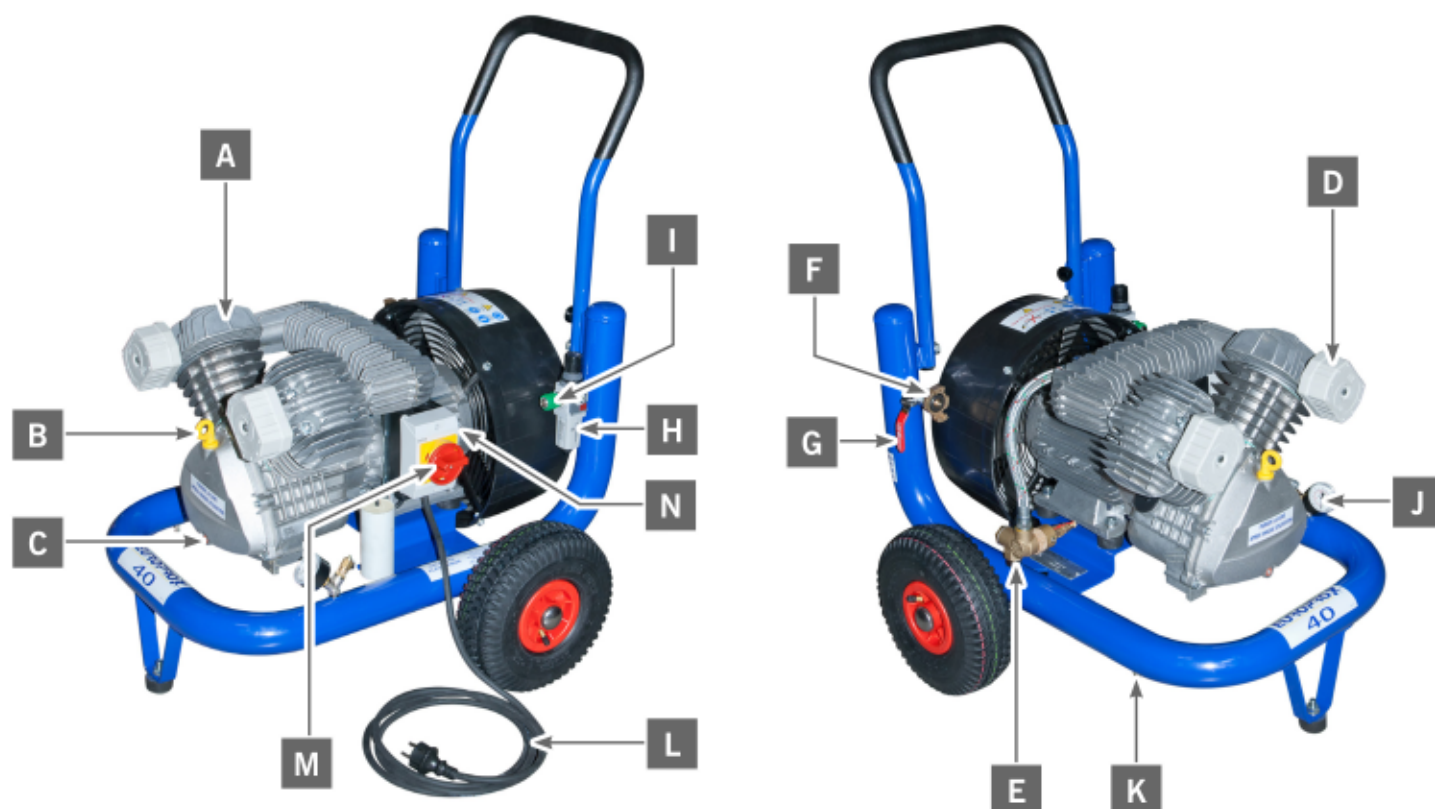
### 3.3. IDENTIFICATION OF THE COMPONENTS EUROPRO 30+



A	Compression head
B	Oil dipstick
C	Drain plug
D	Air filter
E	Autonomous valve
F	Express connector
G	Air valve
H	Regulating filter
I	Quick connector
J	Tank pressure manometer
K	Drain screw
L	Power cable
M	Box and switch

## 3. YOUR MACHINE (continued)

### 3.3. IDENTIFICATION OF THE COMPONENTS EUROPRO 40



A	Compression head
B	Oil dipstick
C	Drain plug
D	Air filter
E	Autonomous valve
F	Express connector
G	Air valve
H	Regulating filter
I	Quick connector
J	Tank pressure manometer
K	Drain screw
L	Power cable
M	Box and switch
N	Thermal circuit breaker

## 4. USE OF THE MACHINE

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### 4.1. PREREQUISITES

- The electric connection has to be 230 V - 16 A - 50 or 60 Hz with a 3 x 2,5 mm<sup>2</sup> cable reel of 40m maximum, completely unreeled.
- 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 (M) will switch to OFF. Wait a few minutes for it to cool down, then reset the circuit breaker by turning the switch (M) back to the ON position.

**NB:** On the EUROPRO 40, the circuit breaker is located on the side of the box. To reset it, move the switch to the OFF position, press button (N), then move the switch back 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.**

### 4.2. STARTING UP

1. Drain the air in the vessel with the drain screw (K).
2. Connect the compressor electrically.
3. Close the drain screw.
4. Turn the switch (M) to the ON position to start the compressor.
5. Fully charge the tank, the pressure on the manometer (J) must reach 8 bar. Once this maximum load has been reached, the autonomous valve will decompress.
6. Connect the equipment (spraying machine, stapler, etc...) to the compressor on the express connector (F), then open the valve (G). The exact setting of the output pressure will be done on the connected equipment.
7. For small equipment (e.g. spray guns), adjust the air outlet pressure with the regulator (H). Pull the knob upwards and select the desired pressure with the + and - indicators.
8. When the outlet pressure is set, press the knob to return it to the down position and lock the adjustment.
9. Start using your equipment.

### 4.3. STOPPING OF THE COMPRESSOR

1. Disconnect the equipment connected to the compressor.
2. Open the drain screw (K) and let the compressor run for about 2 minutes to drain off the condensation that has formed in the tank.
3. Turn the switch (M) to the OFF position to turn off the compressor.
4. Close the drain screw (K).
5. Disconnect the compressor electrically.

## 5. DEFECTS AND REMEDIES

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



**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 filters blowing

Unscrew\* the air filters (D) and blow them out with a blower to clean them.

\*NB: On the EUROPRO 30+, the air filters are not screwed in, just unclip them.

#### Regulating filter cleaning

- Unscrew the bowl of the regulating filter one eighth of a turn and pull it down to detach it.
- Clean the filter and bowl with a cloth.

### 6.2. EVERY 200 WORKING HOURS

#### Replacing air filters

Unscrew or unclip (EUROPRO 30+ only) the air filters (D) and replace them.

#### 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.

