

USER MANUAL

MIXPRO 14



Distributed by: 

Z.I. Rousset Parc Club
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CHARACTERISTICS:

Tank capacity	45 l (2 sacks of 25 kg)
Electricity supply	230 V - 50 Hz
Thermal motor protectionyes
Geared motor driving the mixing shaft	1.5 kw
Variable speedyes
Water pumpyes
Water pump flow rate	20 L/mn
Flowmeterwith float
Low water pressure safety deviceyes
Pressure generated	0 to 20 bars
Flow rate generated	variable depending on pump used
Rotor/stator	9 L/min
Load height	99 cm
Dimensions (w x l x h)78 x 60 x 148 cm
Weight	82 kg

SAFETY STANDARDS

Read carefully all operating instructions, safety instructions and warnings contained in this manual prior to operating the machine.

The majority of accidents occur due to instructions and basic safety rules being disregarded.

SAFETY

Using the machine in an incorrect way or without observing the safety instructions can lead to death or serious injury.

Read all instructions well

1. Observe all safety standards before using the equipment.
2. Know how to stop the device quickly in the event of necessity.
3. Use the device exclusively for the applications specified in the manual.
4. For all replacement parts, only use genuine replacement parts.
5. Always remain vigilant when using the equipment.
6. Keep children and animals a safe distance from the equipment when in use.
7. Always use personal protective equipment (glasses, gloves, overalls and mask) and be careful with long hair.
8. Never touch moving parts.
9. Store your equipment correctly in a clean workspace.
10. Leave at least 50 cm free space between the equipment and any obstacle so as not to obstruct air flow.
11. Do not use the equipment in an environment that has potential explosive hazards.
12. Maintain the equipment with care and clean it well after each use.
13. Never use the equipment if it is operating abnormally or defective.
14. Unplug the device before maintenance work or after-sales servicing.
15. Operate the device at its nominal voltage.
16. Check the wear parts and those which appear faulty.
17. Do not clean plastic parts with solvent.
18. For outside work, only use the extension cords suitable for this purpose
19. In the event of requests for after-sales assistance always specify the model and serial number of the device.

PLEASE NOTE:



This symbol indicates that the product must not be disposed of at the end of its useful life with other household waste. The uncontrolled disposal of waste can harm the environment or endanger human health. Users are invited to contact the distributor that sold them the product or get in touch with EUROMAIR Distribution to find out where and how they can dispose of this product so that it can be recycled according to current regulations in force.

WARNING

1- GROUNDING.

All machines must be grounded when operating, to protect the operator from electrical shocks. All our machines are equipped with a standardised plug.

The electrical connections must be performed by a qualified electrician. Any modifications or disassembly of the machine is prohibited notably with regard to the electrical box.

Repairs must be performed by an approved centre or by our after-sales servicing department.

When any work is being carried out on the machine ensure that the ground is connected.

2- EXTENSION CORDS.

When using extension cords ensure that these are grounded and that they cannot be run over or damaged. Check that the section of the extension cord cable used is sufficient for the current of the device being operated. An extension cord that is too fine may cause voltage drops and damage to the device. In the case of a reel being used, it is imperative that it is fully unwound, otherwise the device may be damaged. The section must be proportionate to the length of the cable (see table).

TABLE: Single phase

Power		Section in mm ²
CV (736w)	KW	
1	0.7	1.5
1.5	1.1	1.5
2	1.5	2.5
3	2.2	2.5

Extension cords over 40 metres in length must have a larger section size.

USE AND MAINTENANCE

NOTE:

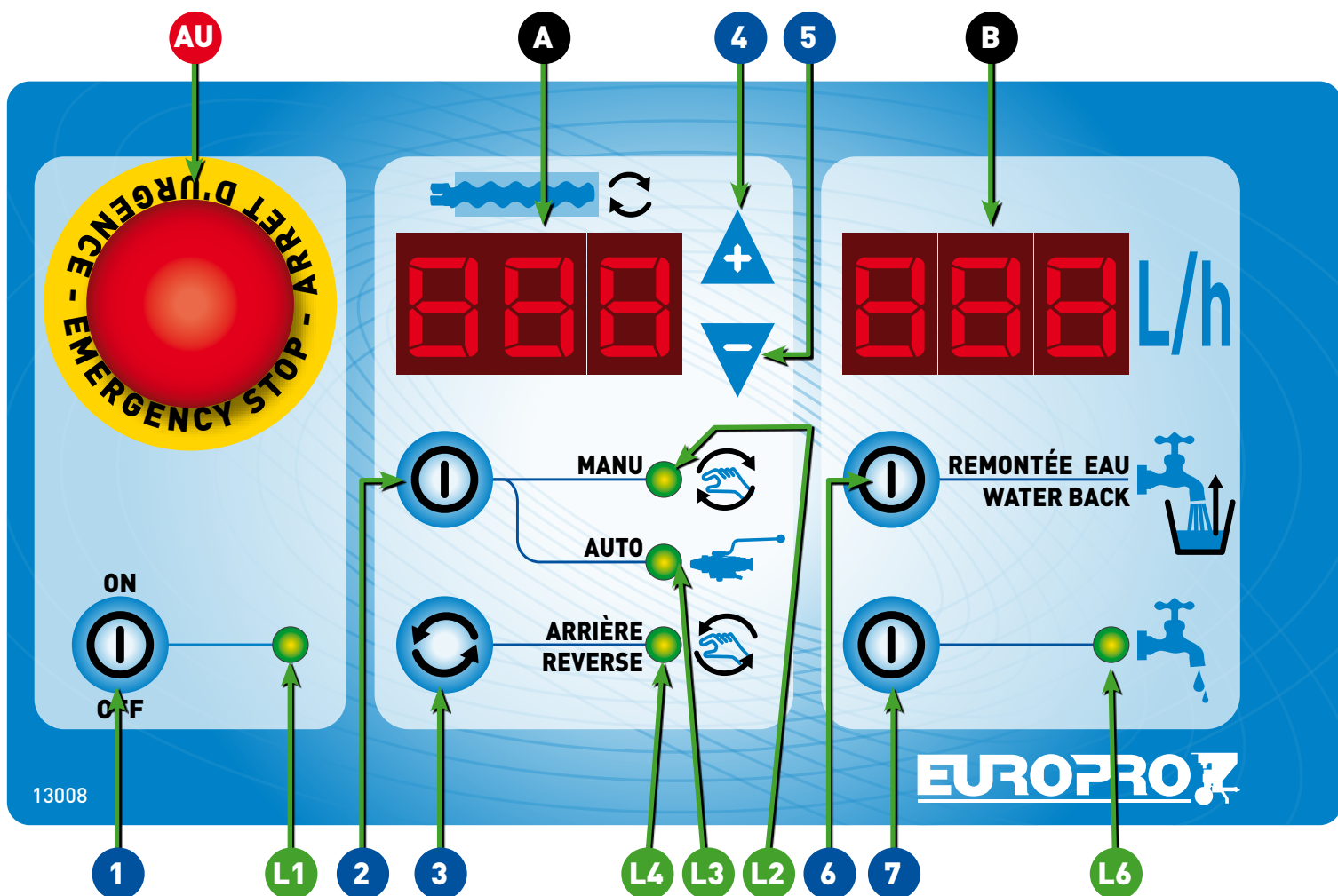
The information indicated in this manual is intended to help the operator during use and with maintenance operations on the machine.

ELECTRICAL CONNECTION

THE ELECTRICAL CONNECTION OF MACHINERY MUST BE CARRIED OUT USING 16A 230V SOCKETS WITH A DIFFERENTIAL CIRCUIT BREAKER.

INTERVENTION PROCEDURES FOR MINOR ANOMALIES

Before proceeding with any intervention on the machine, check that it is disconnected from the power supply.



- 1 Start/Stop
- 2 PRODUCT: Start in forward or AUTO
- 3 REVERSE: Start reverse operation
- 4 + : increase the motor speed
- 5 - : decrease the motor speed
- 6 WATER INTAKE
- 7 Operation with or without water
- L1 Live operation warning light
- L2 Product pump operation warning light
- L3 Product pump AUTO operation warning light
- L4 Reverse operation warning light
- L6 Operation with or without water warning light (switched on = with water, switched off = without water)
- AU Emergency stop
- A Motor operation display
- B Water flow display

USER GUIDE

STARTING UP/STOPPING THE MACHINE:

- Once the machine is connected, the machine is in the stop setting, the display (A) indicates "OFF".
- By pressing the "Start/Stop" button (1), the display (A) indicates the set point of the flow produced, the light (L1) is switched on, the machine is operational.
- By pressing the "Start/Stop" button (1) when the machine is operational ((L1) light is switched on) the machine moves to the stop setting, the display (A) indicates "OFF" ((L1) light is switched off).
- Pressing the button (7) allows the machine to be operated with or without water ((L6) light is switched on = with water, L6 switched off = without water).
- When the (L6) light is on, the machine is set to continuous mixing with water (for powder products)
- When the (L6) light is out, the machine is in the without water setting (for paste products)



In the event of the machine malfunctioning, holding down the "Start/Stop" button (1) for more than 3 seconds, allows you to check that the supply voltage is above 210 Volts.

- By pressing the "MANU" button (2) the product pump starts and the (L2) light is switched on.
- By pressing the "ARRIÈRE [REVERSE]" button (3) the product pump rotates in the reverse direction and the (L4) light is switched on.
- Buttons (4) and (5) control the rotation speed of the product pump.
- In the case of using a powder product, pressing the button "REMONTÉE D'EAU [WATER INTAKE]" (6) causes water to enter into the mixing chamber. This function should only be used when starting the machine between adding the first powder product sack.
- In AUTOMATIC setting with water ((L6) light is on), the opening of the spray gun or operation command causes the machine to start up. The automatic cycle manages the operation of the product pump, the water pump and the input of water into the mixing chamber.
- In AUTOMATIC setting without water ((L6) light is off), opening the spray gun or operation command causes the machine to start up. The automatic cycle manages the operation of the product pump, intake of water into the mixing chamber even when the "WATER UPFLOW" button (6) is inactive.

FAILURE CODES

The following failure codes may be displayed on the display screen (A).

CODES	DEFINITIONS	ACTIONS TO BE TAKEN
	No display.	Plug in the machine, check electricity supply (230V), check the fuse inside the electrical box.
AU	Emergency stop engaged.	Switch off emergency stop button (AU)
OFF	Machine in off setting.	Press button (1) to start the machine
MOT	Motor control failure.	Turn the machine "OFF" for one minute then restart.
SEC	Safety sensor failure.	Check the safety grille is securely closed.
DEB	Water pressure failure Only if L6 is lit.	Check the water pressure on the manometer, check the water intake: Pressure → 2 bars or sufficient flow.
TEL	Start up command active on starting the machine	Close the spray gun or set the remote control to "OFF". Clean the flowmeter (dismantling the piston).

STARTING PROCESS OF MIXPRO 14 PLASTER

Mandatory for starting MixPro 14

- **1 water source,**
 - **2 electric power lines 16Amps & grounded**
 - **2 extension cords 3x2,5mm² section & maximum 40 meters long**
 - **1 water hose for connection and feeding the machine or feeding drum when used**
1. Spray all over the rotor the lubricant with the white aerosol spray for assembly. Install the rotor inside the stator with the tools supplied with the machine (crank shaft) , turning clock wise until the rotor does not move anymore further.
 2. Install the mixing shaft (paddle) inside the tank and move up the electric motor to vertical position, insert the safety shaft in the two housings or holes designed for that. (If you cannot fully insert the shaft, the paddle or Rotor/stator are not fitted correctly. you need to check).
 3. Check that the level of water inside the tank has reached the upper level position. (the highest).
 4. Plug in the air compressor as well as the Mix Pro 14 with extension cords of 3x2,5mm² section (40ml max.) on 2 different electric power sources.
 5. Spray all over the rotor the lubricant with the white aerosol spray for assembly.
 6. Install the rotor inside the stator with the tools supplied with the machine (crank shaft) , turning clock wise until the rotor does not move anymore further.
 7. Connect the water supply hose directly to the machine inlet or to the water feeding drum when used
 8. On the screen of the Mix Pro 14 monitor "AU is displayed (Emergency stop), disconnect the Red button by turning it smoothly.
 9. "OFF" is now displayed . Press "ON" button (1)
 10. Connect the small water hose on the exit valve (on the machine side).
 11. Open water source (also the valve on water drum when used)
 12. Drain the machine by opening the drain valve on the side
 13. Close the water valve on the machine and press (7) button to stop it.
 14. Install the Static Mixer at the output of the pump in front of the machine.
 15. Connect the air/product combined hose to the Static Mixer.
 16. Connect the air regulator as well as the spraying lance in open position and without the spray nozzle.
 17. On the Monitor panel set the product (A) display on 70 with the (+ & -) arrow. (4 & 5)
 18. Push on Water (6) button and in the mean time regulate the water valve on the side of the machine onto 300 L/h on the water flow screen.(B)
 19. WARNING, the water level does not arrive over the water entry inside the tank , if this happens open the drain valve under the tank.
 20. Press the MANU (2) button , machine does start, verify the water delivery (300 l/mn).
 21. Stop the machine as soon as water is coming out of the spray lance, by presing (2) button , indicator (L3) does light
 22. Press water back (6) button until water reaches the level just below water entry
 23. Place firmly one product bag onto the grid one shot (without splitting it)
 24. Press MANU (2) button , the machine is starting
 25. As soon as product is coming out homogeneous and consistant , press MANU (2) button to stop the machine
 26. Close the spray lance and install the spray nozzle or on the curved extension (optional)
 27. Start the air compressor
 28. Open quickly and completely the spray lance , regulate the air at the air regulator until obtaining a regular spray pattern . Keep spraying about 50 cm from the support.
 29. If the product is too dry or too liquid open or close the water valve by quantity of 5 L/h

CLEANING

1. Stop the air compressor and open the drain valve under the frame.
2. Disconnect the air hose connecting air compressor and machine.
3. Take the spray nozzle of and clean it.
4. Open the spray lance to lower the product pressure inside the hose.
5. Disconnect the spray lance and clean it.
6. Press the "MANU" (2) button (L2) lighting in order to run the machine and evacuate the product from the tank.
7. Press the "REVERSE" (3) button during 1 second.
8. Take the safety shaft out and move the electric motor down.
9. Take out the mixing shaft (paddle) out of the tank and clean it.
10. Install the straight shaft with the cleaning device (the end stop has to be in down position).
11. Move the electric motor up and install again the safety shaft.
12. Press "Water back" (6) button, fill to a level higher than the lower part of the cone of the tank body.
13. Press "MANU" (2) button, the machine is starting, increase the water delivery to (500 l/h) during 2 minutes.
14. Disconnect the Static Mixer and clean it.
15. Insert the foam balls inside the pump outlet and connect the product hose (WITHOUT THE STATIC MIXER).
16. Press the "MANU" (2) button (L2) lighting in order to run the machine and wait until the balls come out of the hose . Press "MANU" (2) button to stop the machine.
17. Repeat the operation twice (15 & 16).
18. Press the button "Reverse" (3) button during 1 second.
19. Take the safety shaft out and move the electric motor down .
20. use the crank shaft to unscrew the rotor completely, take of the straight shaft and cleaning device from the tank.
21. Disconnect the electric connecting plug from the electric motor and take it of.
22. **WARNING !!!** Don't forget to reinstall the watertight cap on the electric connecting device on the machine.

WARNING

- Unplug the machine from the power supply before performing any repair/maintenance operations on the machine.
- Operational ambient temperature: 0C° + 30C°.
- Do not place any flammable objects close to the machine.
- During breaks, unplug the electricity supply from the machine.
- Transport the machine using the appropriate handles or grips
- Keep children and animals a safe distance from the operational area of the machine.
- In the event that the electrical cable or plug is damaged, do not use the machine and contact the approved after-sales service department for replacement original parts.
- Where the machine is positioned on scaffolding or a level about the ground, fix it in place to prevent the machine from falling during use.
- Do not insert any objects or put your hands inside the safety grilles in order to prevent any accidents or damage to the machine.

USEFUL ADVICE FOR CORRECT OPERATION

For the machine at full load to operate correctly, ensure that the temperature of the enclosed space does not exceed +30C°.

**AS NECESSARY, WE RESERVE THE RIGHT TO
MAKE ANY APPROPRIATE CHANGES WITHOUT
PRIOR WARNING.**

DECLARATION OF CONFORMITY

The manufacturer: EUROPE PROJECTION
Z.I Rousset Parc Club
343 bd Francis Perrin
13106 ROUSSET cedex

DECLARES THAT THE MACHINE IDENTIFIED BELOW:

Brand: **EUROPE PROJECTION**

Type : **CONTINUOUS MIXING MACHINE**

Model: **MIXPRO 14**

IS COMPLIANT WITH

- article **R.233-73** of the employment code
- the machine directive **2006/42/EC**
- the low voltage directive **2006/95/EC**
- the **EMC** directive **2004/108/EC**
- the directive **ROHS 2002/85/EC**

ROUSSET, 15 MARCH 2011

Patrick BOREL
CEO



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SAS [private limited company] with a capital of €300,000 - SIREN [business registration no.]
394 961 510 – APE [principal activity code] 295 D

WARRANTY CONDITIONS

The manufacturer guarantees the products for design and manufacturing faults for a period of 12 months from the date of sale.

- Wear parts are excluded from the warranty.
- Any warranty work must be performed exclusively by the manufacturer or authorised service representative
- Shipping of any product to the manufacturer, and any type of warranty service is subject to the manufacturer's acceptance.
- The warranty covers the repair or replacement free of charge of components identified as defective by our technicians.
- The warranty is void if damage is caused by accident or resulting from negligence, misuse, incorrect installation, improper use or use not in accordance with warnings contained in the manual or improper maintenance, and in case of modification or repairs performed by unauthorised personnel.
- The warranty excludes any type of compensation for damage to persons or a problem caused by incorrect or inappropriate use.
- This warranty will be applied only in respect of buyers who have complied with the contractual and administrative standards and who are able to present specific documentation proving the date of purchase.
- This is the only valid warranty recognised by the manufacturer. No one is authorised to deliver any other oral or written guarantee, or modify its terms.

CERTIFICATE OF WARRANTY

IT IS MANDATORY THAT THIS DULY COMPLETED DOCUMENT IS RETURNED BY FAX.

MANDATORY

The Owner's manual must be provided to the user of the device
It is mandatory that this is read prior to starting the unit.
For any warranty work, the purchase invoice must be presented.

WARRANTY

Each product is delivered, inspected and tested. It is guaranteed for 12 months from the date of purchase.

This warranty applies only if the buyer meets the safety regulations, contractual and administrative standards, and if the installation and use were in accordance with instructions contained in the user manual.

Based on this warranty, the manufacturer will repair or replace free of charge any parts that may deteriorate or be defective during this period.

The "final decision" rests solely on our customer service technicians

The warranty does not cover parts which, because of their specific use, are subject to wear.

In the case that the defects observed cannot be attributed to our liability, the costs will be invoiced to the buyer.

MODEL: MIXPRO 14 CONTINUOUS MIXING MACHINE

SERIAL NO.:

DELIVERY NOTE N°

Rousset, on

Distributor signature

User signature

User stamp

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