



USER MANUAL

Compact-Pro

(CP30 - CP35 - CP40)



Ref. 30422 / 30485 / 30790

Distributed by:



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CP30 CHARACTERISTICS

Product pressure	0 to 20 bars
Product flow-rate	0 to 30 kg/min
Compressor flow-rate	284 L/min
Compressor power	3 HP / 2.2 kW
Machine electrical supply	(110 V) 230 V / 16 A / 50-60 Hz
Tank capacity	100 litres (5 30 kg bags)
Maximum grain size	5 mm
Dimensions (l x W x h)	115 x 65 x 73 cm
Weight	120 kg
Noise level	94 Lwa

CP35 CHARACTERISTICS

Product pressure	0 to 50 bars
Product flow-rate	0 to 30 kg/min
Compressor flow-rate	366 L/min
Compressor power	3 HP / 2.2 kW
Machine electrical supply	(110 V) 230 V / 16 A / 50-60 Hz
Tank capacity	100 litres (5 30 kg bags)
Integrated vibrator	yes
Maximum grain size	5 mm
Dimensions (l x W x h)	115 x 65 x 73 cm
Weight	126 kg
Noise level	96 Lwa

CP40 CHARACTERISTICS

Product pressure	0 to 20 bars
Product flow-rate	0 to 40 kg/min
Compressor flow-rate	284 L/min
Compressor power	4 HP / 3 kW
Machine electrical supply	230 V / 16 A / 50-60 Hz
Tank capacity	100 litres (5 30 kg bags)
Maximum grain size	5 mm
Dimensions (l x W x h)	115 x 65 x 73 cm
Weight	130 kg
Noise level	94 Lwa

SAFETY STANDARDS

Read carefully all instructions of functioning, safety recommendation and warnings contained in this user's manual before running the equipment.

Most of the accident are due to the failure to respect the warnings and elementary safety rules.

SAFETY

A use of the machine in an incorrect way or without the respect of safety instructions can entail death or severe injuries. It is necessary to read well the entire instructions.

1. Respect all the safety standards before running the equipment.
2. Know how to quickly stop the equipment in case of necessity.
3. Use that equipment exclusively for the applications it has to be built for, and specified in this manual.
4. For any parts replacement , use only genuine spares.
5. Always remain watchful when using this equipment.
6. During the functioning take away children or animals of the machine.
7. Always wear adequate body protections (glasses, gloves, overall, mask) and pay attention on long hair.
8. Never touch moving parts.
9. Put always your equipment in an clean, stable and appropriate working area.
10. Leave at least a free space of 50 cm around the machine and any obstacle un order to keep a free ventilation.
11. Never use the equipment in a potentially explosive area.
12. Always maintain the equipment in good working conditions and clean it after each use.
13. Never use the machine while it is running abnormally or it is defective.
14. Disconnect from the power every time you proceed to maintenance or repair.
15. Only run the machine at its nominal voltage .
16. Often Check the wearing parts and whose who seem damaged.
17. Do not clean plastic parts with any solvent.
18. For any outside jobs, only use appropriate extension cords.
19. In case of after sales service needed, always specify machine model or type and serial number indicated on black plate fitted on the machine.

ATTENTION



This symbol indicates that the product must not be eliminated at the end of life with the other arranged waste. The uncontrolled elimination of waste can harm the environment or the human health. The users are invited to contact the distributor having sold them the product or to inquire with ' EUROMAIR Distribution company to know where and how they can get rid of this product so that it is recycled according to the regulations in force.

WARNING

1- GROUND CONNECTOR.

All the machines must be connected with the ground when they work, to protect the operator of the electric shocks. All our machines are equipped with standardized connecting plugs. It is forbidden to modify or to disassemble the machine in particular at the level of the electric case.

The repairs must be made by an authorized or approved electrician or by our SAV (AFTER-SALES SERVICE). During any intervention on the machine make sure that the ground was well reconnected.

2- EXTENSION CORDS.

During the use of extension cords make sure that this one contains well a ground , that it is not crushed or damaged. Verify that the section of the cable of the used extension lead is sufficient to support the current of the device in functioning. A too fine extension lead can cause voltage drops and deterioration of the device. In case of use of a reel, it is imperative to unwind it completely, should the opposite occur the device can heat and be damaged. The cable section must be proportional in the length of the cable (see board below).

BOARD: Single-phase

Power		Section mm ²
HP	KW	
1	0.7	1.5
1.5	1.1	1.5
2	1.5	2.5
3	2.2	2.5

Above 40 meters of extension cable, use the superior section.

USE AND MAINTENANCE

REMARK:

The information indicated in this owner manual has for objective to assist the operator during the use and the maintenance operations of the machine.

ELECTRIC CONNECTION

THE ELECTRIC CONNECTION OF THE MACHINES HAS TO BE MADE
ON A 16A / 230V (110V) NORMALIZED EC
PLUGS CONNECTED TO A DIFFERENTIAL CIRCUIT BREAKER.

PROCEDURES OF INTERVENTION IN CASE OF SMALL TROUBLES.
Before making any intervention on the machine make sure that this one is really dis-
connected from the power supply.

WARNING

- Disconnect the power socket before making any operation on the machine.
- Ambient temperature of functioning: 0C ° + 30C °.
- Do not position flammable object near the machine.
- During breaks, unplug the machine electrically.
- Never direct the spraying jet of product towards any person.
- Transport or move the machine by using handles or appropriate grips
- Take away children and animals of the working zone and close to the machine
- In case of damage of the electric cable or the electric plug do not use the machine and contact the authorized after-sales service to replace them by a genuine replacement part.
- In case of positioning of the machine on a scaffold or a plan above ground level, it is recommended to fix it to avoid any lasting fall during the use.
- Do not introduce any object or hands inside the bars of protection inside the tank to avoid any accident or damage of the machine.

USEFUL ADVICE FOR A CORRECT FUNCTIONING

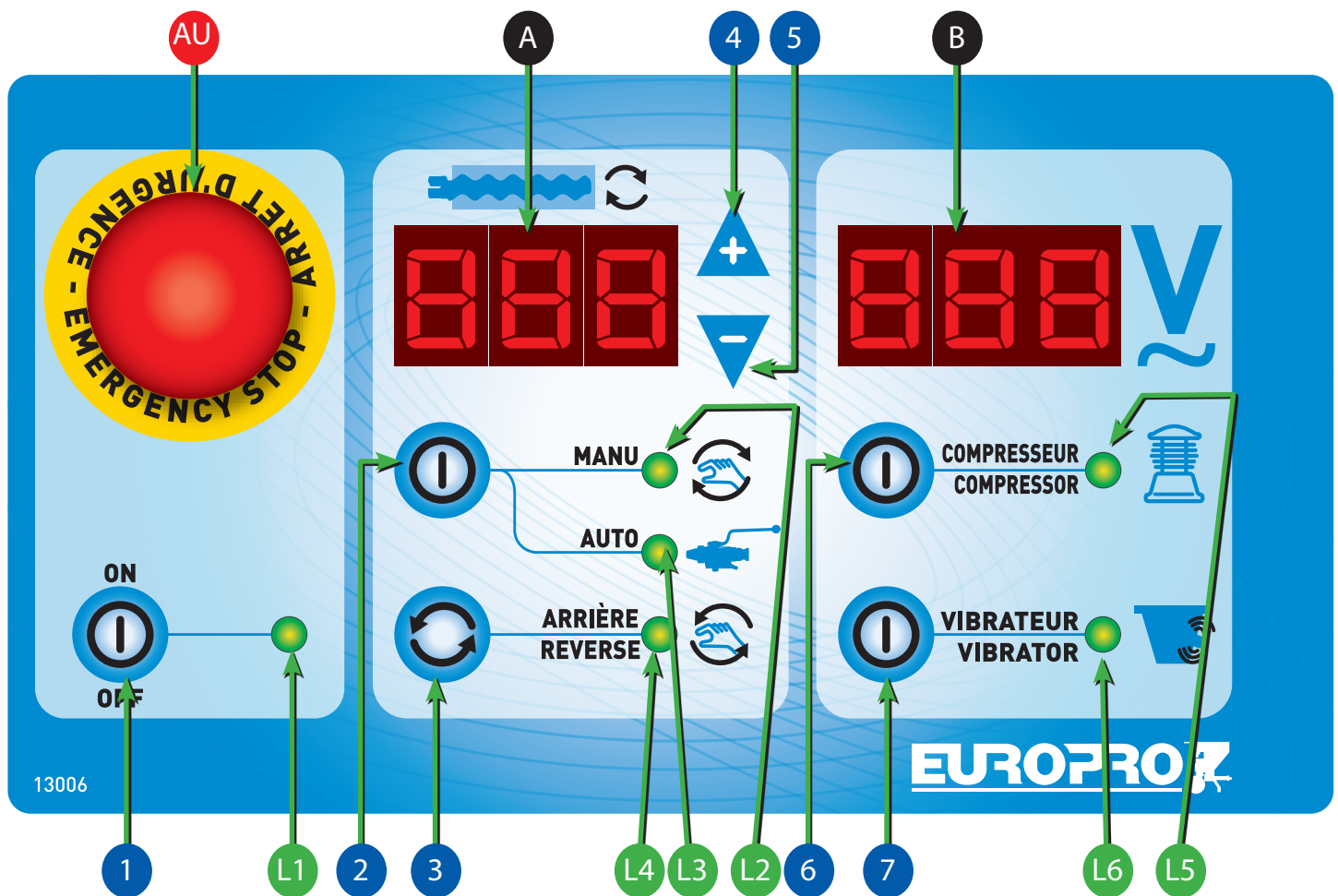
For a smooth running of the machine in maximum load, verify that the temperature in a closed place does not exceed +30C °.

STORAGE

After every use, think necessarily of greasing the pump by a mixture of water + storage liquid (part number 11085) to avoid the sticking of the rotor/stator.

The storage of a not greased pump can damage it severely.

IN CASE OF NECESSITY, WE SAVE OURSELVES THE RIGHT TO BRING ANY USEFUL MODIFICATION WITHOUT ADVANCE NOTICE.



- 1 ON / OFF
- 2 Manual / Automatic: choice of running process
- 3 Backwards: Runs the pump backwards only while you press
- 4 +: increases the speed of the motor and pump output
- 5 -: decreases the speed of the motor and pump output
- 6 Compressor ON / OFF
- 7 Vibrator ON / OFF
- L1 Light Power on
- L2 Light Manual process is selected
- L3 Light Automatic process is selected
- L4 Light backwards running
- L5 Compressor light power on
- L6 Vibrator light power on
- AU Emergency stop
- A Shows upon: running speed of motor or pump pressure in %
- B Shows Network Voltage (do not run below 200V)

MACHINE STARTING UP

- 1- Plug on a 16A minimum outlet (3 x 2,5mm², 40m maximum, entirely unreel)
- 2- Board (A) shows "AU" (emergency stop), turn the red button (AU) to disable it.
- 3- Board (A) shows "OFF", push the "ON/OFF" button to start up the machine.
- 4- Board (A) shows product flow-rate from 0 to 100%, board (B) shows network tension.
- 5- Set the product flow-rate on 50 (board A) using the + and – arrows (4 and 5 buttons).
- 6- Set the tank drain plug and fill half with water.
- 7- Check there is no to leak the rotor/stator.
- 8- Connect the hoses.
- 9- Push the "MANU/AUTO" button (2) to start the machine and make the water circulate in the hoses. If the transmission axle do not move, stop and push once on backwards move (button 3) to unstick the pump and start again.
- 10- Stop the machine by pushing on the same "MANU/AUTO" button (2)
- 11- Unplug the hose on the machine side and remove water on the hoses by making a siphon.
- 12- Replug the hose to the machine.
- 13- Take off and replace the drain plug to evacuate remaining water.
- 14- Put a bit of your product, very diluted, in the tank
- 15- Push the "MANU/AUTO" button (2) to start the machine and wait until the product get out at the end of the hose.
- 16- Stop the machine by pushing the same "MANU/AUTO" button (2)
- 17- Prepare your filler respecting the dosage prescribed by the producer for the mechanization. Generally, put 1 volume of lime with 2.5 volumes of sand 0/4 sifted (do not compress the lime nor the sand in the dispenser bucket), mix them in a cement mixer by adding water and additives necessary (air entrainers or superplasticizer depending on product).
- 18- Put your filler in the tank after having removed almost all the diluted product.
- 19- Push the "MANU/AUTO" button (2) to start the machine and wait until the product get out at the end of the hose.
- 20- Stop the machine by pushing the same "MANU/AUTO" button (2).
- 21- Clean the joint inside the cam coupling and fasten the lance.
- 22- Set a nozzle (nozzle from n°8 to 16 with a lot of air for a grain projection and from n°16 to 22 with a few air for a cord projection) with the blue tightening ring
- 23- Turn the compressor ON by pushing the (6) button.
- 24- Opening the lance, the machine will push the product (the lance must be entirely opened)
- 25- Set the speed with (4) and (5) buttons and the air flow rate with the regulator located on the back of the lance.
- 26- Now you can spray, but always make sure that there is always some product in the tank. (never run dry)
- 27- You can start the tank vibrator to help the product get down in the tank pushing the "VIBRATOR" button (7) (only for Compact-Pro 35 & 40)

FAILURE CODES

Following Codes may be displayed on (A) Screen.

CODES	INDICATION	WHAT TO DO
	No display	Plug the outlet, check the electrical supply (230V), check the fuse in the electrical box.
AU	Emergency stop engaged	Disable the emergency stop button (AU)
OFF	Equipment is off	Start the machine pushing the (1) button.
TEL	Starting Failure	Clean the flowmeter setted on the chassis located under the electric box. Dismantle the flowmeter plug with the delivered male key of 7. Remove the spring and the piston located under the plug and clean it properly. Make the reverse operation to lift up.

- I set the Manu position, the engine roars but do not turns.

The rotor may be seized up in the stator. Push alternately the “Manu“ and “Backwards“ buttons every 10 seconds. If the blockage persists, dismantle the rotor and the stator, put the whole in a vise and, with a bar, make the rotor turn to unstick it. To avoid this failure, use the storage product - Ref :11085.

- The machine runs but the product do not get out to the lance.

Check the product is not too dry and that it goes down well to the bottom of the tank. Dilute the product and mix it properly.

Control the pump (using a pressure controller - ref. 91157 or visually by dismantle it).

Change the defective parts if the defect persists (1 rotor for 2 stators, 1 stator can spray from 3 to 20 tonnes of product depending on its composition)

- I plaster and the grain changes without touching the settings.

Clean the nozzle.

- The machine works, I close the lance and it does not stop.

Clean the debitmeter which is fixed on the chassis situated below the control panel. Unscrew the button of the debimeter with the supplied male key 7.

Pull out the spring and the piston which you can find under the lid and clean them thoroughly. Do the opposite inverse application to reassemble it.

CLEANING

- 1- Make sure to end spraying with the tank almost empty.
- 2- Close the lance.
- 3- Stop the compressor by pushing the (6) button.
- 4- Take the nozzle off and open the lance (you will not close it anymore).
- 5- Make the machine run in manual mode by pushing the “MANU/AUTO“ button (2) to empty the tank to its maximum.
- 6- Stop the machine by pushing the same “MANU/AUTO“ button (2).
- 7- Maintain the “Backwards“ button (3) until the hose becomes flexible at the pump exit.
- 8- Unplug the hose and take the lance off (you can set the lance and the nozzle into water before cleaning it).
- 9- Take the drain plug off.
- 10- Clean the tank with a water jet or an electric cleaner (Europro 8-150 for example).
- 11- Replace the drain plug and fill the tank with water.
- 12- Set on manual mode by pushing “MANU/AUTO“ (2) button to be able to put the water through the pump and clean its nose.
- 13- Stop the machine by pressing “MANU/AUTO“ button (2).
- 14- Wet the ball and push it in the nose of the pump.
- 15- Put back the hose after having taken away the product which was left over and clean the joint.
- 16- Set the (A) screen to 50 with the arrows +/- (4) and (5).
- 17- Set in manual mode by pushing “MANU/AUTO“ button (2), the water is going to push the ball, which itself is going to push the product.
- 18- Once the ball has come out (be careful not to lose the joint), stop the machine by pressing the “MANU/AUTO“ button (2).
- 19- Take away the hose and put the ball back into the nose of the pump.
- 20- Set the manual mode by pushing the “MANU/AUTO“ button (2) to make the ball pass a second time.
- 21- Once the ball has come out (be careful not to lose the joint), stop the machine by pressing “MANU/AUTO“ button (2). Unplug the hose and empty it.
- 22- If the machine is not going to be used straight away, put the liquid MAP (spraying machine) into the water and put it through the pump by pressing “MANU/AUTO“ button (2).
- 23- Clean the lance and the nozzle using pins.
- 24- Think about draining the body of the machine which is also the air reserve of the compressor.
- 25- Your machine is ready to be used for your next yard.

MAINTENANCE

Before carrying out any intervention on the compressor verify that :

- the main switch of the compressor is on « OFF ou O » position.
- that all air has been released from the air reserve.

After every 50 hours of work, you should take off the suction filter and clean it by using compressed air.

It is recommended to change the filter at least once a year when the compressor works in a clean environment; more often in the case of dusty places.

The compressor generates condensed water which will accumulate in the air reserve. It is necessary to evacuate the condensation from the reserve after each utilisation by opening the draining valve situated below the body of the machine (Be careful, this product is mixed with oil and therefore the colour is rusty which is normal).

The condensation by the compressor which was lubricated by oil, shall not be emptied into the sewer system and the environment as it contains oil.

OIL DRAIN – OIL ADDITION

The compressor is supplied with synthétique oil 'special compressor piston'. After the first 100 working hours, it is recommended to evacuate completely the oil from the pump. Unscrew the plug situated on the lid, empty all oil, and tighten the lid.

Introduce the oil by the upper hole of the lid, until the level indicated on the stem is reached.

Every week, control the level of the oil of the pump, add oil if necessary.

The used oil shall not be emptied into the sewer systems or into the environment

REMARK

All the piston compressors use oil, almost 1.5 g/h.

Sometimes, there is some oil remaining around the valve, this is normal.

To prevent this consumption, you should avoid making the compressor works without air.

OIL DRAIN

OIL TYPE	HOURS OF WORK
EUROPRO réf. 80043	200

AIR FILTER

COMPRESSOR TYPE	HOURS OF WORK
ALL COMPRESSORS	200

DECLARATION OF CONFORMITY

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

DECLARES THAT THE EQUIPMENT DESIGNATED BELOW:

Trade Name: **EUROPE PROJECTION**

Type: **SPRAYER**

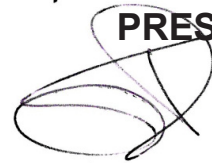
Model: **COMPACT-PRO 30-35-40**

COMPLIES

- **R.233-73** Article of Working Code
- **2006/42/CE** Machine Directive
- **2006/95/CE** Low Voltage Directive
- **CEM 2004/108/CE** Directive
- **ROHS 2002/95/CE** Directive

ROUSSET, MARCH 31th 2011

Patrick BOREL
PRESIDENT



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SAS au capital de 40 000€ - B 444 797 310 - NAF 4673 B

WARRANTY CONDITIONS

The manufacturer guarantees the products in case of defective design and part's failure for a period of 12 months from the date of sale.

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

CERTIFICATE OF WARRANTY

IT IS MANDATORY TO RETURN BY FAX THIS COMPLETED DOCUMENT

MANDATORY

The Owner's manual must be provided to the user of the device.
It should be mandatory reading the manual before the start of the unit.
To obtain warranty the invoice of the equipment must be presented.

WARRANTY

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

This guarantee applies only if the buyer meets the safety regulations, standards, contractual, administrative, 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 can deteriorate or be defective during this period.

The «final judgment» rests solely on our customer service technicians.

The warranty does not cover parts which, because of their specific use, are subject to wear. Should those defects could not be attributed to our liability, costs will be charged to the buyer.

MODEL: COMPACT-PRO 30-35-40 SPRAYER

SERIAL N°:

DELIVERY N°

Rousset, dated

Signature of dealer

Signature of end user

Stamp of end user

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