

User manual

X-PRO D60 & D80

Réf. 30900 / 30967



EUROPRO

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More information on www.euromair.com

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 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)

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.
- 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.

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

2. WARNING (continued)

2.1. SAFETY (continued)

SAFETY SYSTEMS

This machine has been designed to allow working with the maximum safety.

So safety sensors and emergency stop has been setted on your machine without complicating your work.

We are insisting on your caring to maintain them in good condition and above all not to remove them.

In case of malfunction, please contact immediately your dealer.

HYDRAULIC

This machine is equipped with high pressure hydraulic circuits (200 bar).

The following instructions are essential for your safety:

- Never tighten a hydraulic connection while the machine is working.
- Never try to wipe an oil drop on a hose or hydraulic component with your finger while the machine is working.
- Take care of the good condition of the plumbing (a damaged or blistered rubber must be changed immediately).
- Check regularly if the circuit does not have any leak.
- In any case, do not touch hydraulic parts (even when the machine is not working) because the components shall be hot and there is a burn risk.

SAFETIES AND PROHIBITIONS

- The mixer grid rising up causes the mixer movement stop.
- The hopper grid rising up causes the screw movement stop.
- Stop of the projection stops compressed air consumption and pump rotation.
- As soon as the work is recovered, air release allows the pump restart.

- Emergency stop is located on the machine hood. Do not hesitate to use it if needed, this will immediately stop the motor. To restart the machine after emergency stop button pushed, follow this procedure:
 - Put the command handles in central position.
 - Rearm emergency stop.
 - Command panel lamps must be lighted-up (green = correct / red = default).
 - Engage the starter with the contact key.
 - Resume spraying procedure.

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2. WARNING (continued)

2.2. TRANSPORT



Only are exempted from the obligation of brakes the only trailers under the double condition that their total weight authorized in load does not exceed 750 kg nor half of the pure weight of the truck tractor.

- This machine was the object of a road homologation (n°e2*2007/46/0673). As such, it must be registered and can be thus dragged normally on the road network.
- The adjustable jockey wheel easily allows you to fix the helm to the harness of your vehicle.
- The adjustable helm gives you the possibility of adjusting the machine horizontally.
- An electric cable provided with a grip allows you to link the device of lighting of the trailer with the tractor truck.
- A cable of break allows to bind the device of harness of your vehicle with the machine in case of hanging problem of the helm during a travel.

It is imperative to collide this cable on the harness of the vehicle.



X-PRO D60 and D80 are not transport trailers, it is strictly forbidden to transport people or products related to the application of the machine.

Before any road travel:

- Check the pressure of the pneumatics which has to be 2.8 bar max.
- Check the tightening of the nuts of wheels.
- Check the tightening of the nuts of the articulated helm and the presence of pins.
- Clean reflectors.
- Clean and check the functioning of the device of lighting.
- Collide the cable of break.

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.

For any further information, please contact our hotline +33 4 42 29 08 96 or conseil@euromair.com.

3. YOUR MACHINE

3.1. DESCRIPTION

X-PRO D60 and D80 are equipped with a liquid-cooled diesel engine that drives a double gear pump that provides the hydraulic flows required by the equipment.

The 400 L/min, 4 bar compressor is positioned on a plate for easy adjustment of the drive belt tension.

The screw and mixer rotation drives are driven by two orbital type motors and the hydraulic distribution by industrial components whose controls are manual. The components have been selected according to strict quality criteria.

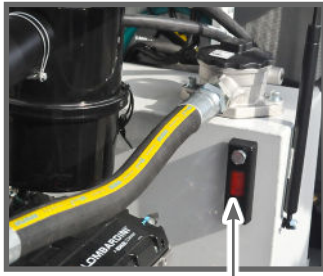
The safety devices comply with the standards in place and the hydraulic circuits are protected against possible blockages of the rotating elements. An air cooler ensures that the oil temperature is maintained within the correct range.

3.2. TECHNICAL CHARACTERISTICS

	X-PRO D60	X-PRO D80
Noise level	101 dB	
Motorization	Kohler 3-cylinder liquid-cooled LDW 1003 engine used at 2500 rpm	Kohler 4-cylinder liquid-cooled LDW 1404 engine used at 2500 rpm
Electric starting up	battery 12V - 50Ah - 400A	
Air filter	cartridge	
Diesel reservoir capacity	25 L	
Hydraulic reservoir capacity	28 L	
Screw pressure	200 bar	
Mixer pressure	150 bar	
Washer pressure	150 bar	
Lifting jack pressure	60 bar	
Mixer	capacity 200 L hydraulic drive with two directions of rotation mixer stop safety at grid opening - loading height of 87 cm	
Hopper	hydraulic drive with two directions of rotation screw stop safety at the grid opening - drain plug for cleaning	
Centralized control panel includes	engine dashboard starting up of the various functions (pump, mixer, lift) adjustment of pump and mixer speeds - engine speed adjustment	
Compressor	with pistons set at 4 bar	
Compressor flow-rate	400 L/min	
Screw pump	standard : from 0 to 60 L/min max. at 40 bar max. optional: up to 167 L/min	standard : from 0 to 80 L/min max. at 40 bar max. optional: up to 200 L/min
High pressure washer	11 L/min at 140 bar	
Weight	720 kg (fuel tank full, oil level done)	735 kg (fuel tank full, oil level done)
Delivered with	<ul style="list-style-type: none"> - a MAP 11 pump - a Ø35 x 13,30 m product hose M50 x F35 - a Ø35 x 13,30 m product hose M35 x F35 - a Ø25 x 5 m hose M35 x M25 - a Ø10 x 33 m air hose - a spraying lance with eight nozzles (Ø8, 10, 12, 14, 16, 18, 20 & 22) - three grouting nozzles (Ø10, 12 & 14) - two Ø30 and two Ø50 cleaning balls - a greasing pump with a grease cartridge - a pressure controller with adapter - a complete high pressure washer lance with a 10 m high pressure washer hose - a storage carry-case and a suspension strap 	

3. YOUR MACHINE (continued)

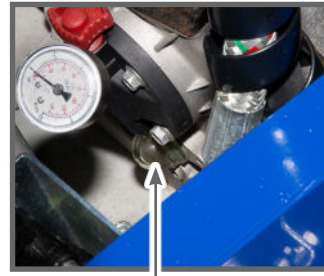
3.3. IDENTIFICATION OF THE COMPONENTS



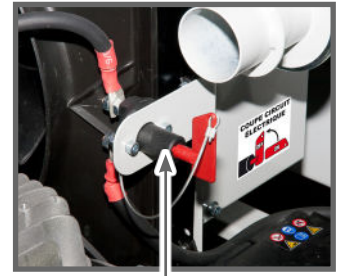
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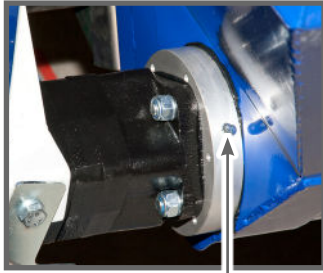
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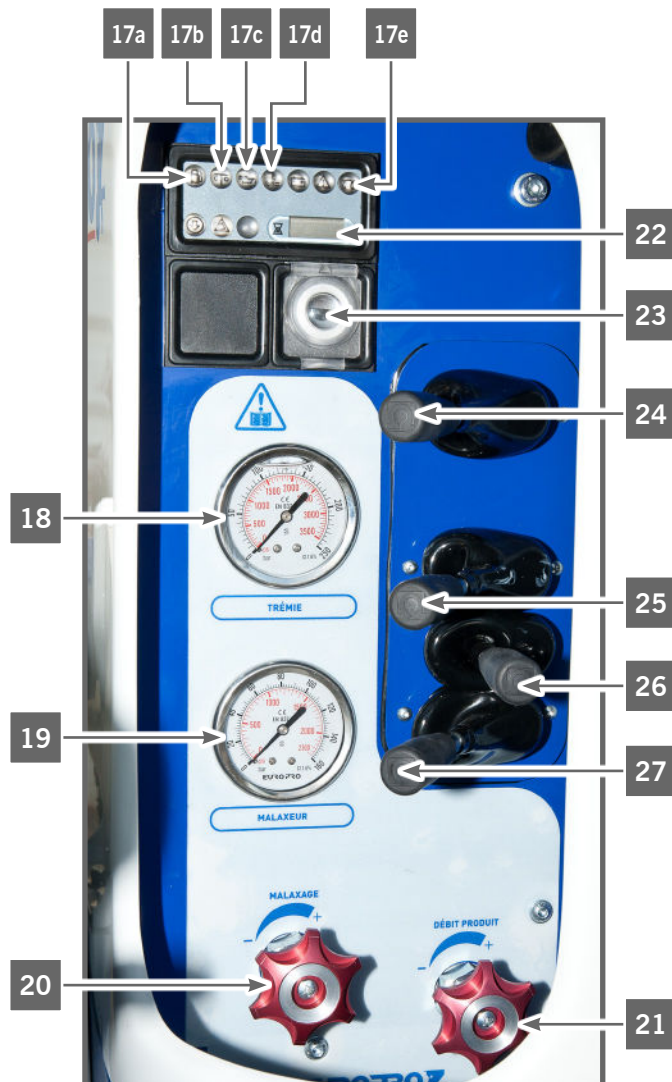
1	Hydraulic oil level	9	Cylinder shaft lubricator
2	Engine oil level	10	Jockey wheel
3	Compressor oil level	11	Product pressure control manometer
4	Electric circuit breaker	12	Pump outlet
5	Hopper bearing lubricator	13	Hood clips
6	Mixer bearing lubricator	14	Emergency stop
7	Motor bearing lubricator	15	Air valve
8	Mixer grid roller lubricator		

3. YOUR MACHINE (continued)

3.3. IDENTIFICATION OF THE COMPONENTS (continued)



16



16	<p>Automatic accelerator control By default, when the switch is in the 0 position, the engine is idling. It is the wired remote control (to be connected to the control panel under the switch (16)) which activates or deactivates the acceleration of the diesel engine.</p>
17	Diesel engine display
17a	Low fuel level (diesel).
17b	Battery (lights up when the alternator does not charge the battery).
17c	Oil (lights up when oil pressure is insufficient).
17d	Cooling liquid (lights up when the maximum operating temperature is reached and causes the engine to stop).
17e	Pre-heating (switches off when the pre-heating temperature is reached).
18	<p>Screw hopper circuit pressure manometer Maximum pressure 200 bar.</p>
19	<p>Mixer circuit pressure manometer Maximum pressure 150 bar.</p>
20	<p>Mixer rotation speed controller Clockwise rotation: increase speed. Counter-clockwise rotation: decrease speed.</p>
21	<p>Hopper screw speed controller Clockwise rotation: increase speed. Counter-clockwise rotation: decrease speed.</p>
22	Hour meter
23	Switching on the machine and starting the engine
24	<p>Product pump rotation control handle Reverse: left position with spring return to the centre. Stop: centre position. Forward: right position maintained.</p>
25	<p>Mixer lifting handle Rising: left position with spring return to the centre. Stop: centre position. Descent: right position with spring return to the centre.</p>
26	Handle On (right position) / Off (left position) HP washer
27	<p>Mixer rotation control handle Reverse: right position maintained. Stop: centre position. Forward: left position maintained.</p>

4. USE OF THE MACHINE

4.1. MACHINE PREREQUISITES

- Check the hydraulic oil level (1).
- Check engine oil level (2).
- Check compressor oil level (3) and compressor drive belt tension.
- Check the lubrication of the bearings :
 - motor for the hopper (5)
 - motor and bearing for mixer (6 & 7) and mixer grid rollers (8)
- Check the lubrication of the cylinder shaft (9).



There must be no foreign objects in the hopper or mixer (trowel, tools, etc.).



The machine is delivered with a 30 m hose length, this length is optimized to obtain the best output in normal conditions of use.
If a longer length is used, it is essential to check the correct operation of the whole unit.
Increasing the length of the hose may result in a reduction of the flow rate to zero (too much pressure drop in the hose).

The pressure drop in the hoses is proportional to their length and to the viscosity of the product. In some cases, it will be necessary to use a pump that generates a higher pressure to compensate for this loss. Whenever possible, a dilution of the product and a higher pump pressure will allow a better flow in the hoses.

4. USE OF THE MACHINE (continued)

4.2. MACHINE STARTING UP

1. Place the machine horizontally by lowering or raising the jockey wheel (10) so that the machine is stable and level.
2. Place a manometer (11) at the end of the pump (12). Check that all control levers are at zero.
3. Close the polyester hood and lock the clamps (13).
4. Unlock the emergency stop (14) on top of the fixed polyester hood.
5. Place the contact key in the ON position. The lights should light up, otherwise check that the circuit breaker (4) located under the hood, above the battery, is in the ON position.
6. Wait until the preheating indicator light (17e) turns off and then activate the engine starter by turning the contact key (23).
7. Let the engine run for 10 minutes to warm up before continuing work.
8. Fill the hopper with approx. 30 litres of water, open the air valve (15). Turn the pump to the FORWARD position by turning the lever (24) to the right.
9. Empty the remaining water in the hopper by opening the plug for this purpose and connect the desired accessories. The machine is now ready to work.



Never run the screw without product or water.



The screw rotation control handle has a preferential direction characterized by a held position. Reverse rotation is possible by holding the handle manually in the LEFT position.

4. USE OF THE MACHINE

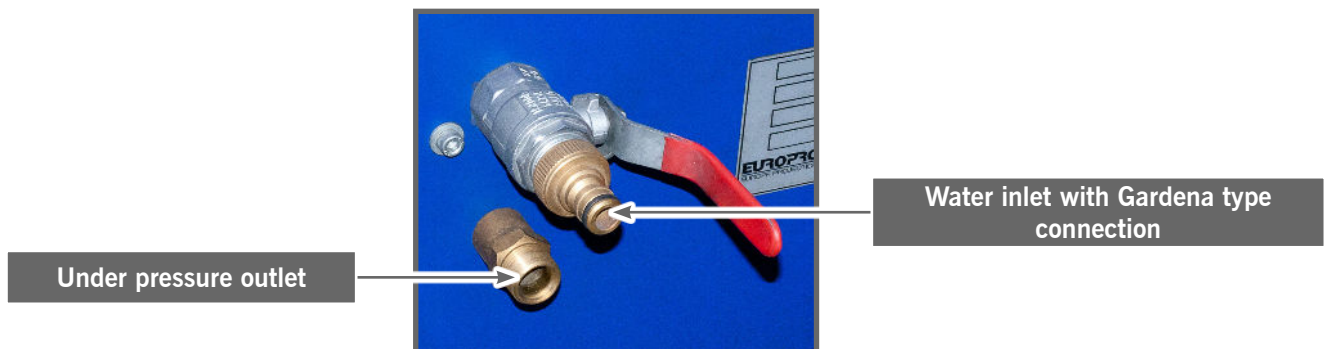
4.3. HIGH PRESSURE WASHER PREREQUISITES

- Control is carried out by the HP WASHER handle (26).
- The high pressure cleaner kit includes:
 - the quick coupler for connecting the water supply
 - the 10 m pressure hose, the gun and the lance
- Before switching on the washer, check that the water supply hose as well as the pressure hose and the complete lance are connected.



It is essential for the proper functioning and longevity of the washer that it never operates without water. Therefore, before starting the washer, it is imperative to open the water supply valve of the supply source and check that there are no knots in the supply hose.

HOSES CONNECTION :



Remember to clean the suction filter very regularly (at least once a week) to avoid cavitation of the pump. The filter is located just behind the water inlet connection.

4. USE OF THE MACHINE (continued)

4.4. HIGH PRESSURE WASHER STARTING UP



Always wear the appropriate personal protective equipment (goggles, gloves, etc.) so as not to injure yourself during cleaning.

Before switching on the pressure washer, the hopper can be raised or lowered to allow cleaning at all points of the machine.

After having brought the tank into position, activate the handle of the washer starting.

The position of the mixing tank can be changed at any time (from bottom to top or vice versa). When moving the mixing tank, the pressure and flow rate necessary for a good cleaning will not be reached.

It is advisable not to use the cleaner during this phase. Once the hopper has moved back to the other position, the cleaner can be used again.



This cleaner is dedicated exclusively to the cleaning of the machine.

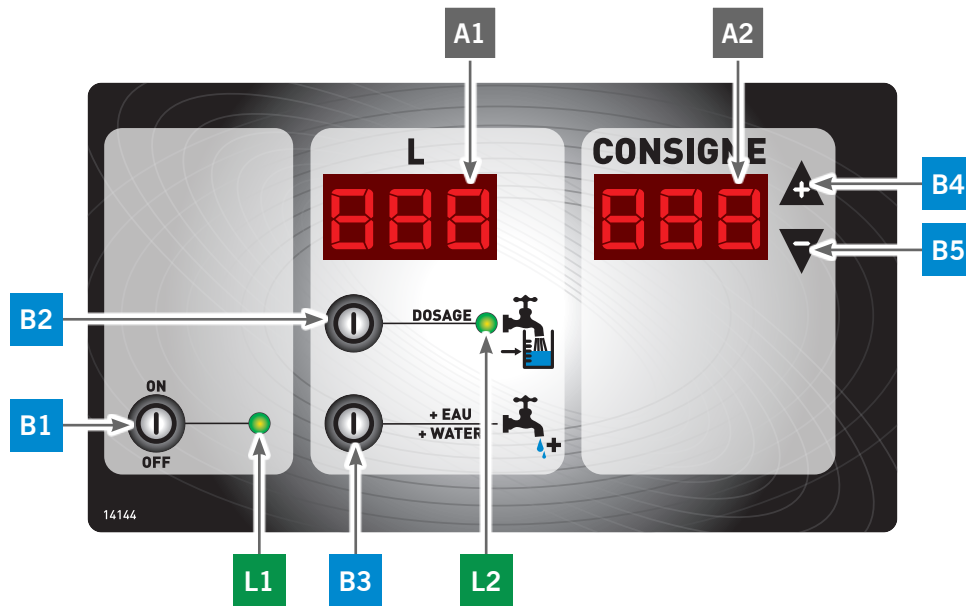
ONCE THE CLEANING IS COMPLETE:

- Move the washer starting handle to the central position.
- Turn off the water supply at the source and disconnect the supply hose.
- Press the gun on the cleaning lance to release the residual pressure in the high pressure hose.
- Disconnect the high pressure hose.
- Clean the filter behind the water inlet quick coupling.

For transporting the machine, the mixing tank must be in the low position. After cleaning, return the mixing container to the lowered position on its rubber pads and remove the drain plugs.

4. USE OF THE MACHINE (continued)

4.5. WATER DOSER



B1	Power On / Power Off / Reset	A1	Display of the actual flow rate
B2	Start / Stop / Resume dosing	A2	Setpoint display (desired water volume)
B3	Impulse water addition	L1	Power-on indicator light
B4	Increase of the dosing setpoint	L2	Dosage run indicator light
B5	Decrease of the dosage setpoint		

START / STOP

- When the power is turned on or the engine is running, the water meter indicates OFF.
- Pressing the ON / OFF button switches the water doser on.
- The display (A1) shows 0 and the display (A2) shows the value of the last setpoint.



If the water doser is ON and the engine is stopped, it will automatically return to OFF when the engine is started. It is therefore necessary to avoid starting a dosing cycle during this time.

WATER DOSAGE

- Set the desired amount of water with buttons (B4) and (B5). The display (A2) shows the setting in litres.
- Pressing the DOSAGE button (B2) starts water dosing, the light (L2) lights up during the entire dosing time and the display (A1) increments the volume of water injected. When the set value is reached, the water flow stops automatically and the indicator (L2) lights off.
- During the automatic cycle, pressing the DOSAGE button (B2) will pause the cycle. Pressing it again resumes the cycle.
- Pressing the +WATER button (B3) will cause water to flow for as long as the button is held down. The display (A1) adds the volume of water added to the displayed volume. This function is only possible outside of the automatic water dosing cycle seen above.

5. DEFECTS AND REMEDIES

n°	Defects	To check	Remedies
1	Dashboard lights do not illuminate.	The circuit breaker is not engaged.	Check the position of the circuit breaker, turn the key clockwise.
		The dashboard fuse is out of order.	Change the fuse.
		The battery connections are bad.	Check both battery terminals. Check the presence of grey-green, brush the pods.
		The battery is out of order or not charged.	Contact the nearest technical service, the battery must be changed, pay attention to the polarities.
		The power supply circuit must be switched off somewhere.	Contact Technical Service.
2	Engine does not start when cold	Check for diesel fuel.	Fill up the tank.
		Check the quality of the fuel.	Drain the tank, clean and refill with quality diesel fuel. Change the filter.
		Check fuel filter.	It must be changed regularly, check the maintenance booklet, change the filter.
		The engine has been switched off.	Re-start the engine with the hand pump (see engine manual) and check the hoses (air inlet).
		Problem with the electrical supply.	See problem 1.
		Diesel solenoid valve.	Check wire on diesel solenoid valve. Check emergency stop.
		Preheating does not work.	Check the 50A reed switch fuse in the dashboard housing.
		I've already checked all these points, but it doesn't change anything.	Contact technical service.
3	Engine does not start when hot	First	See problem 2.
		The engine safety system prevents starting due to lack of oil pressure.	Check the oil level of the combustion engine (engine cold).
		The safety relay is out of order	Contact technical service.
		The engine oil pressure sensor is out of order.	Contact technical service.
4	The diesel engine smokes white	There is water in the diesel fuel.	Drain the tank, clean and refill with quality diesel fuel. Change the filter.
		Check the injection / Clean the injection	Contact technical service.
		Cylinder head gasket.	Check the cooling liquid level. Check engine oil level and texture ("mayonnaise").
5	The diesel engine smokes black	Check engine oil level.	If low level contact technical service.
		Check the injection / Clean the injection	Contact technical service.

5. DEFECTS AND REMEDIES (continued)

n°	Defects	To check	Remedies
6	Mixer does not rise up	Hydraulic problem.	Contact technical service.
7	The mixer does not go down	Hydraulic problem.	Contact technical service.
8	The mixer does not turn	Check the speed control knob.	Increase the speed of rotation.
		Check the position of the grid.	Close the grid.
		Check the correct operation of the safety device (see electronic card indicator).	
		Hydraulic problem.	Contact technical service.
9	Hopper screw does not turn	Check the speed control knob.	Increase speed.
		Check the position of the grid.	Close the grid (see electronic board indicator).
		Check that the air valve is not closed at the machine outlet.	Open the air valve at the machine outlet.
		Check that the air valve on the spray lance is not closed.	Open the air valve on the spray lance.
		Check that the air injector on the lance is not clogged with product.	Use a swab to unclog the injector of the lance.
		Check that the security card is working properly.	
		Power supply problem.	See Problem No. 1.
Hydraulic problem.	Contact the technical service.		
10	Hopper screw does not stop when air is shut off at the lance	Check the air hose and fittings for leaks.	There should be no air leak on the circuit.
		Check the connections on the pressure switch.	Eliminate any leak on the fitting.
		Check that the vacuum valve is not leaking.	Contact technical service.
		Check compressor belt tension.	Tighten the compressor belt.
		Hydraulic problem.	Contact technical service.
11	The product does not come out at the end of the spray lance	Check that there are no plugs in the product pipes.	Check the consistency of the product. Unclog hoses.
		Spraying mortar or lime.	Check that you have added a plasticizer in the product preparation.
		Check the spray valve on the lance.	It must be open.
		Check that the hopper screw rotates properly.	See problem 9.
		Check the pump for wear.	Use the pressure controller at the pump outlet.
12	HP washer does not work	Check the water supply.	The hose must not be pinched and the water valve open.
		Check the filter for clogging.	Clean the supply filter before each use.
		Hydraulic problem.	Contact a dealer.

6. MAINTENANCE



Verifications concerning the diesel engine and hydraulic part must always be carried out on a cold machine.



For any work on the diesel engine, refer to the maintenance manual supplied with the machine. For any work on the compressor, contact the Europe Projection dealer.

After the first 50 hours of operation:

- Tighten the 6 M8 screws of the compressor head with a tightening torque of 24Nm.
- Replace the return filter cartridge on the hydraulic tank.
- Check the compressor belt tension and retighten if necessary.

Every 50 hours:

- Clean the air filter.
- Check cooling radiator fins for cleanliness.
- Check the compressor oil level and refill if necessary with SAE 5W50 oil only.
- Check the hydraulic oil level on the level indicator on the tank and refill with HV46 hydraulic oil if necessary.
- Grease the cylinder head pin.
- Grease the mixer bearings, the hopper bearings, the mixer screen rollers, the cylinder pin and the jockey wheel.
- Check the safety devices on the mixer and hopper grates.
- Check the operation of the emergency stop located on the fixed cover.

Every 125 hours:

- Check the drawbar axle mountings.
- Check the condition of the axle and tyres.
- Check the condition of the clamping screws of the swivel drawbar as well as the pins.
- Check the attachment and proper functioning of the coupling system.

Every 250 hours:

- Change the compressor oil.
- Replace the compressor belt.

Every 500 hours:

- Replace the return filter cartridge on the hydraulic tank.

Every 1000 hours and/or every year:

- Drain the hydraulic tank, clean the suction strainer and replace the filter cartridge.



In order to guarantee a long-lasting operation of the machine, we invite you to contact your dealer for any maintenance intervention. He will carefully carry out the operations and check the various points we recommend.

6. MAINTENANCE (continued)

Interval in hours of use or months, whichever comes first.	Hours	50	250	500	750	1000
	Months	2	12	24	36	48
Replace engine oil		X	X	X	X	X
Replace oil filter		X	X	X	X	X
Replace diesel filter		X	X	X	X	X
Replace air filter			X	X	X	X
Replace belts				X		X
Replace coolant				X		X
Replace cooling hoses						X
Replace fuel hoses						X
Replace hydraulic oil filter		X	X	X	X	X
Clean hydraulic tank strainer		X		X		X
Replace hydraulic oil				X		X
Replace compressor oil		X	X	X	X	X
Replace tank safety valve				X		X
Replace cleaner oil			X	X	X	X
Replace timing belt		4000 hours ou 4 years				
Adjust valve clearance				X		X
Tare and clean injector						X
Clean radiator (outside)			X	X	X	X
Clean radiator (inside)						X
Clean fuel tank						X
Clean hydraulic tank						X
Check tightening of screws and hoses		X	X	X	X	X
Check pump, seals and flectors		At every use				

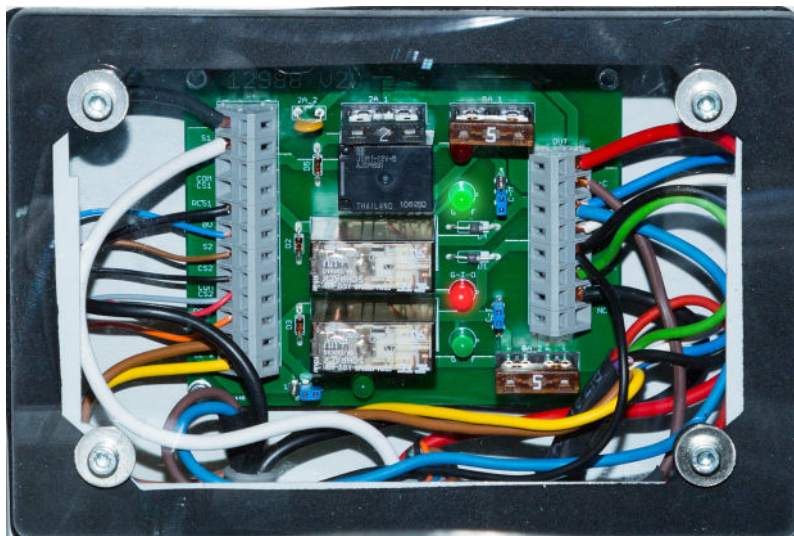
7. SAFETY CARD RUNNING

7.1. BOTH GREEN LIGHTS ARE ON



Defect	To check	Remedies
Normal running	-	-

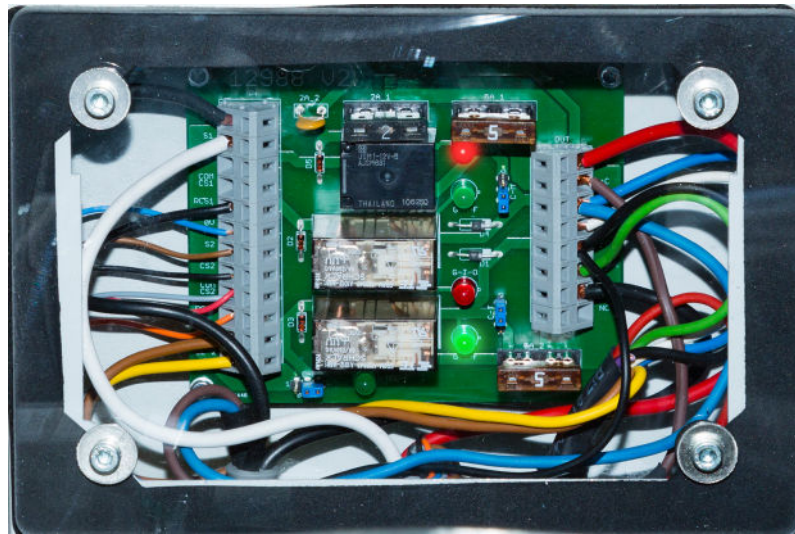
7.2. THE LOWER RED LIGHT IS ON



Defect	To check	Remedies
Opened hopper grid	The position of the grid.	Close the grid.
Electrical problem	The circuit must be cut somewhere.	Contact technical service.
	The safety sensor of the hopper grid must be incorrectly positioned.	Check the correct alignment of both safety sensor parts of the grid.
	The safety sensor of the hopper grid does not function.	Contact technical service.
Air problem	Check that the air valve on the lance is not closed.	Open the air valve on the spray lance.
	Check the condition of the flow meter.	Remove the flow meter for cleaning.
	The flow meter is out of order.	Contact technical service.

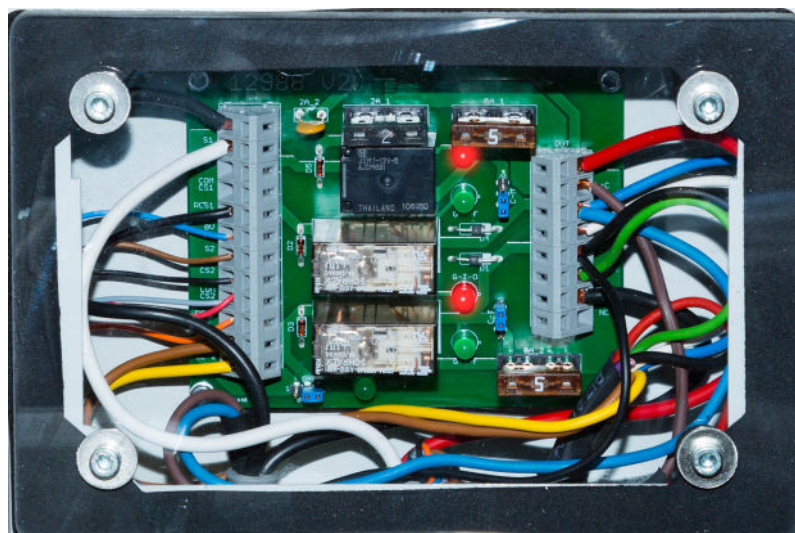
7. SAFETY CARD RUNNING (continued)

7.3. THE UPPER RED LIGHT IS ON



Defect	To check	Remedies
Opened mixer grid	The position of the grid.	Close the grid.
Electrical problem	The circuit must be cut somewhere.	Contact technical service.
	The safety sensor of the mixer grid must be incorrectly positioned.	Check the correct alignment of both safety sensor parts of the grid.
	The safety sensor of the mixer grid does not function.	Contact technical service.

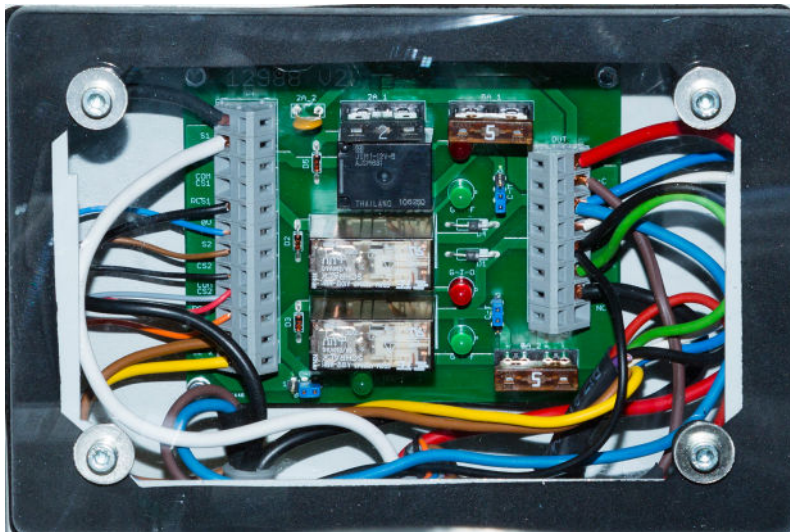
7.4. BOTH RED LIGHTS ARE ON



Defect	To check	Remedies
	See 7.2 and 7.3	

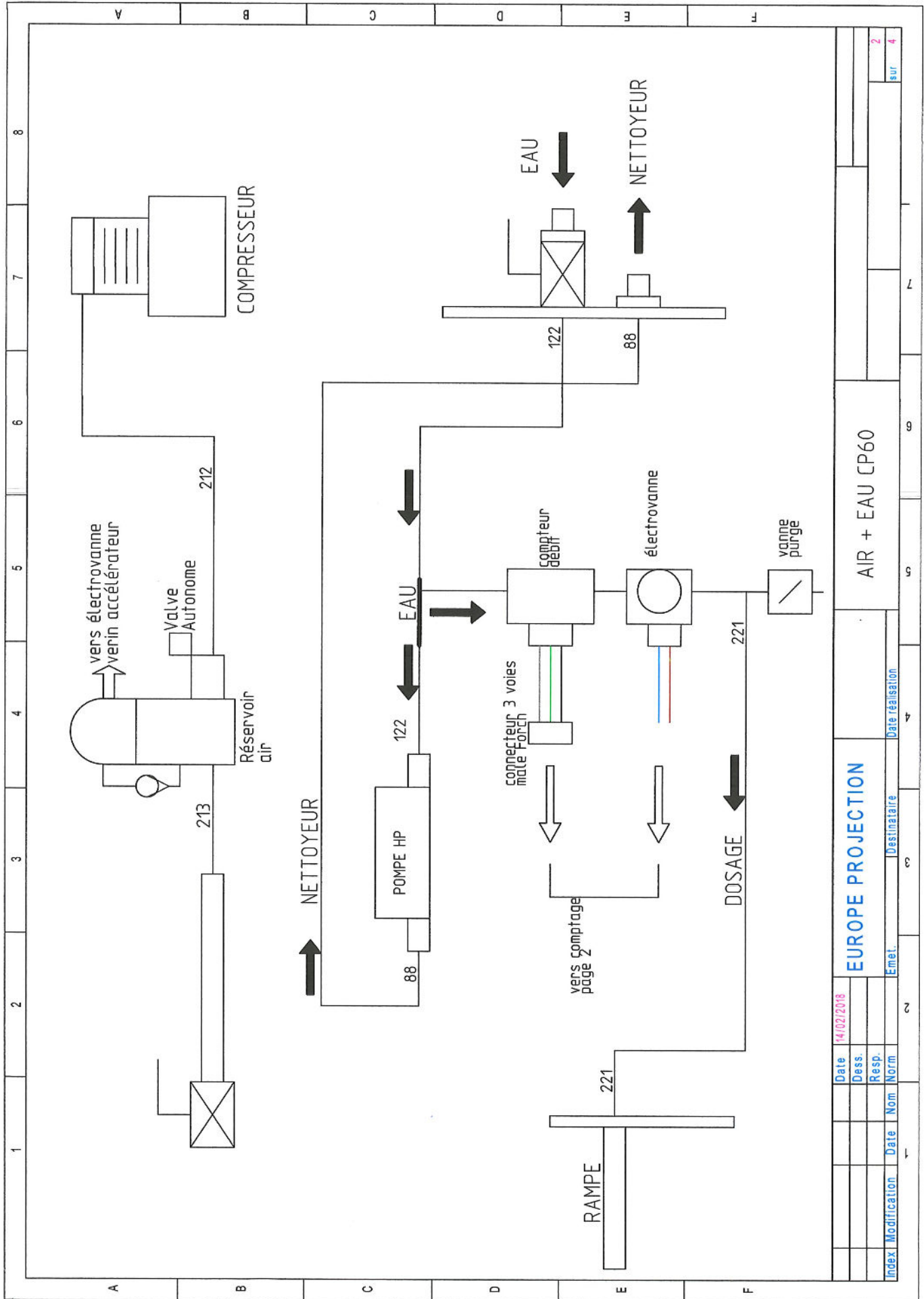
7. SAFETY CARD RUNNING (continued)

7.5. ALL FOUR LIGHTS ARE OFF

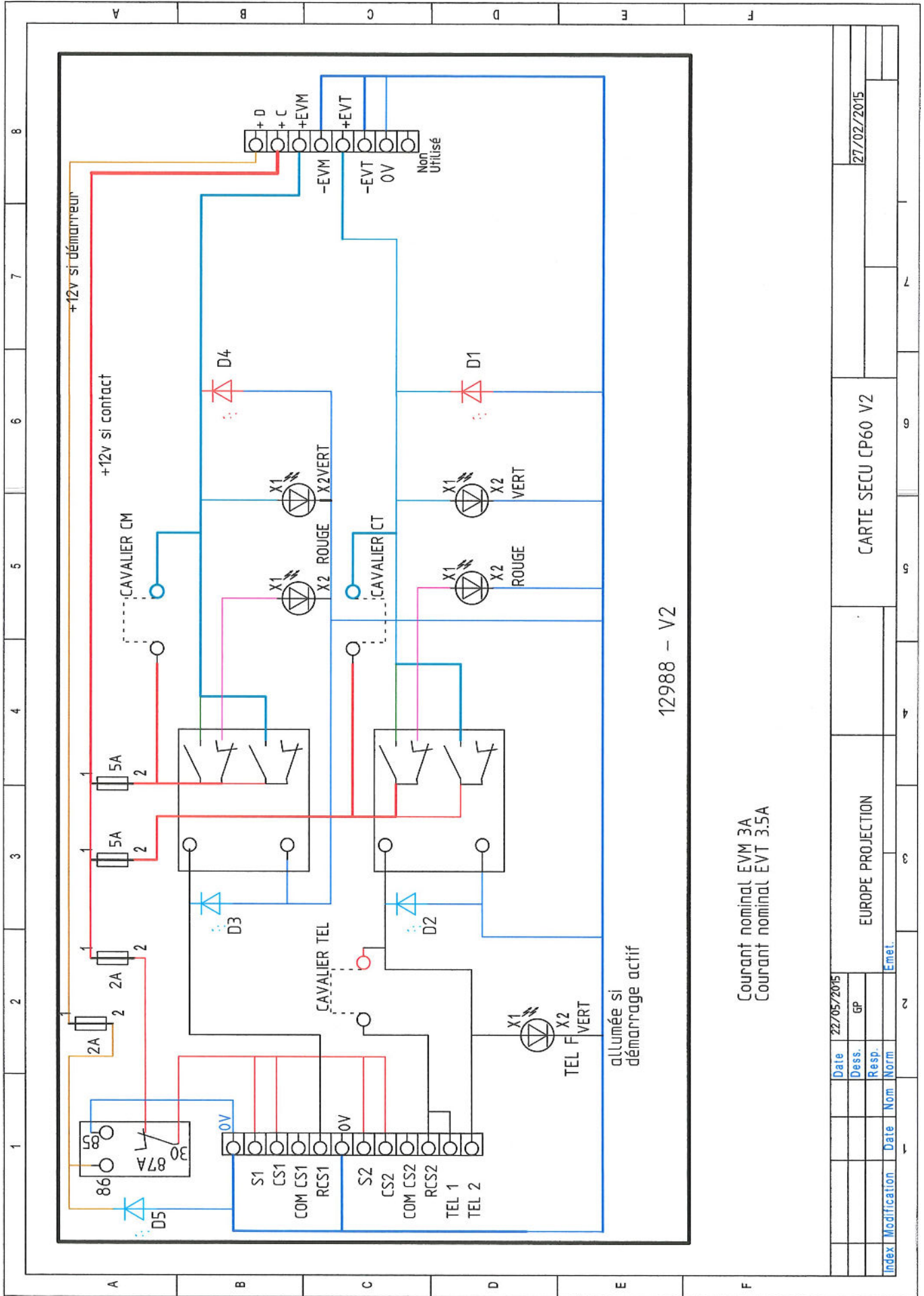


Defect	To check	Remedies
Electrical problem	No engine contact.	Turn the engine start key.
	The circuit breaker is not engaged.	Check the position of the circuit breaker, turn the key clockwise.
	Dashboard fuse is out of order.	Change the fuse.
	Battery connections are defective.	Check both battery terminals. Check for the presence of grey green, brush the terminals.
	The battery is out of order or not charged.	Contact the nearest technical service, the battery must be changed, pay attention to the polarities.
	The power supply circuit must be cut somewhere.	Contact the technical service.
	The protective fuses on the card.	Change the faulty fuse.

9. ELECTRICAL SCHEMES

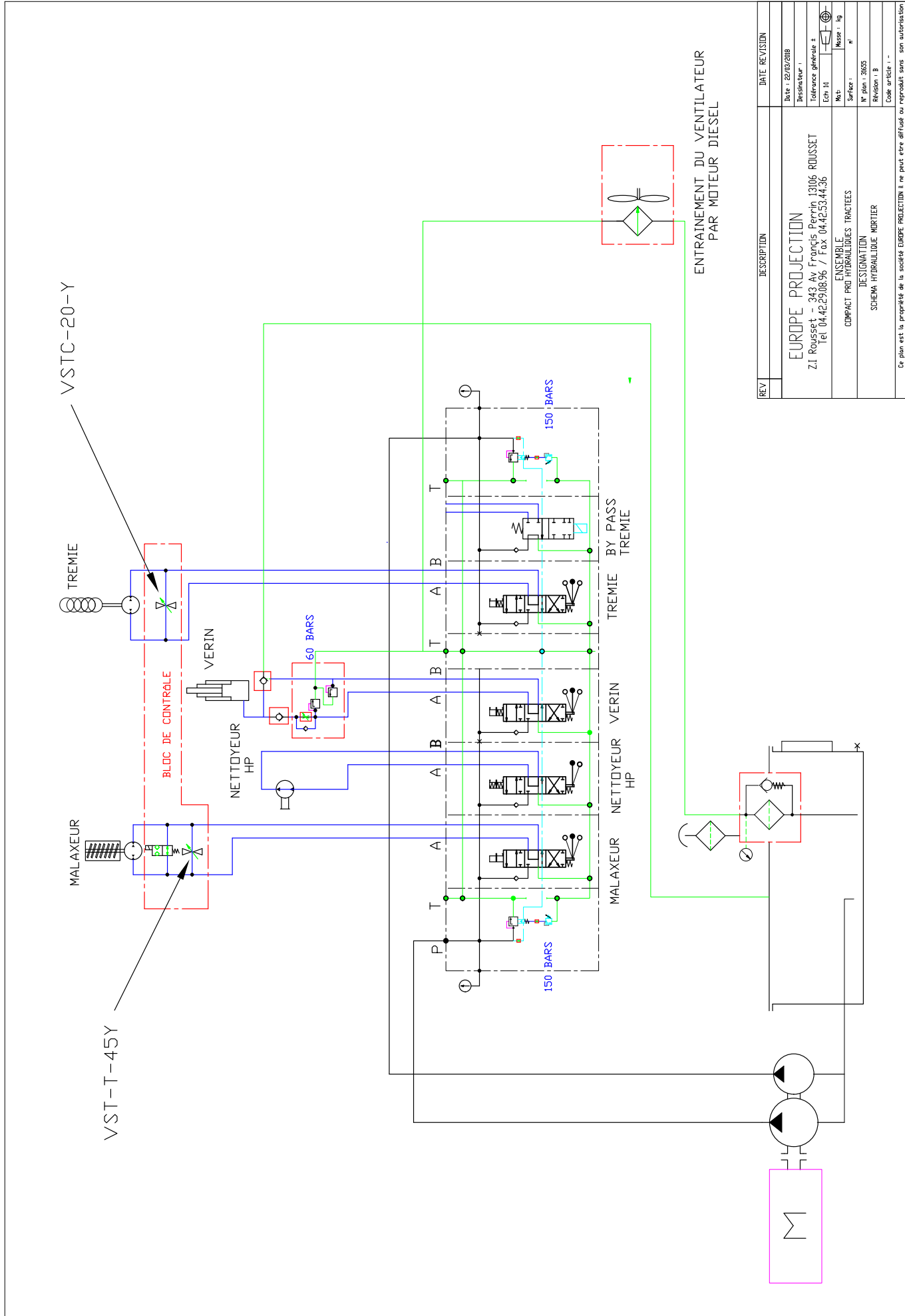


9. ELECTRICAL SCHEMES (continued)



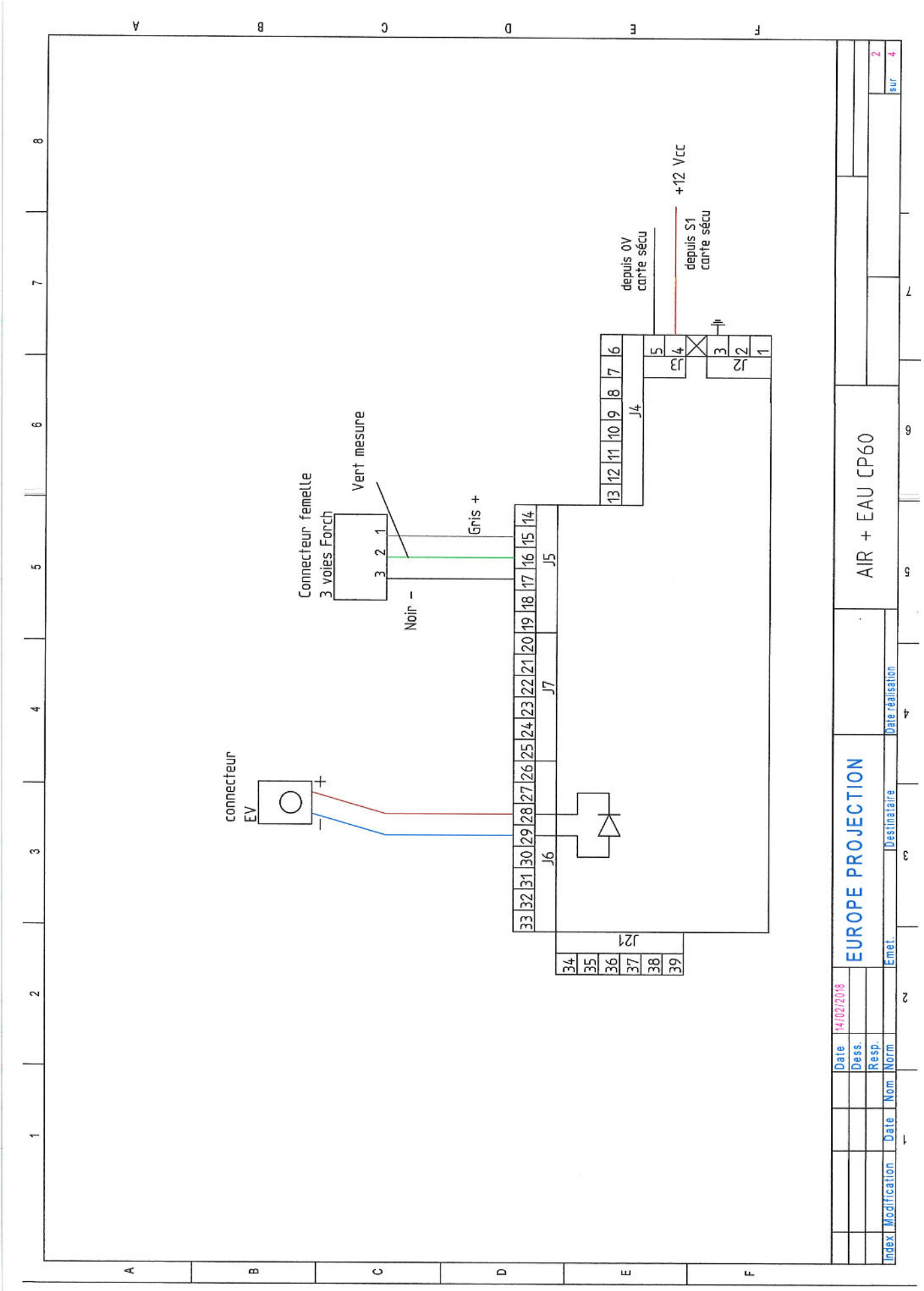
Date		22/05/2015	
Dess.		GP	
Resp.			
Date		27/02/2015	
Index			
Modification			
Date			
Nom			
Emet.			
EUROPE PROJECTION			
CARTE SECU CP60 V2			

9. ELECTRICAL SCHEMES (continued)



REV	DESCRIPTION	DATE	REVISION
	EUROPE PROJECTION Z.I. Rousset - 343 Av. Francis Perrin 34006 ROUSSET Tel: 04.42.29.08.96 / Fax: 04.42.53.44.36	Date : 22/02/2008	Dessinateur : Référence générale : Echelle : Mch : Surface : N° plan : 30635 Révision : B
	ENSEMBLE COMPACT PRO HYDRAULIQUES TRACTEES		Masse : kg P°
	DESIGNATION SCHEMA HYDRAULIQUE MORTIER		
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9. ELECTRICAL SCHEMES (continued)



EUROPE PROJECTION		AIR + EAU CP60	
Date	14/02/2018	Date réalisation	
Dess.		Destinataire	
Resp.		Emet.	
Nom		sur	
Date		4	
Index		2	

10. DECLARATION OF CONFORMITY

THE MANUFACTURER : EUROPE PROJECTION
228, avenue Olivier Perroy
13790 ROUSSET

DECLARES THAT THE EQUIPMENT DESIGNATED BELOW:

Trademark : EUROPE PROJECTION

Type : Spraying machine

Model : X-PRO D60, X-PRO D80

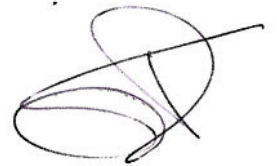
COMPLIES WITH THE DIRECTIVES:

- Machines 2006/42/CE
- Low voltage 2014/35/UE
- CEM 2014/30/UE
- ROHS 2011/65/UE
- Noise emissions 2005/88/CE

This machine was the object of a road homologation (n°e2*2007/46/0673). As such, it must be registered and can be thus dragged normally on the road network.

ROUSSET, JANUARY 20th 2023

Patrick BOREL
President



EUROPE PROJECTION - 228, avenue Olivier Perroy 13790 ROUSSET
Tél : +33 (0)4 42 29 08 96 – Fax : +33 (0)4 42 53 44 36

SAS au capital de 400 000 € - RCS Aix-en-Provence B 394 961 510 - NAF 2892 Z - Intracom : FR 54 394 961 510

11. WARRANTY CONDITIONS

Each equipment is delivered inspected and tested.

We exclude any warranty for visible defects, not notified by the customer within 48 hours.

The equipment sold is guaranteed during the manufacturer's warranty from the date of purchase, as specified on the original proof of purchase, and under the conditions defined by the manufacturer.

This warranty covers any equipment against any manufacturing or material defect, under normal conditions of use. Insofar as the customer is presumed to be a professional of the same field of specialty, this warranty covers only the defect of conception of the equipment rendering it unfit for its use, which could not be detected by a professional buyer.

The defects or deteriorations caused by natural wear, external accident or a modification, use, storage or treatment of the equipment not planned by the manufacturer, nor specified by ourselves, are excluded from any warranty.

Are expressly excluded from the warranty the defects resulting from an improper use, the application of abrasive or corrosive products, an inappropriate installation, the negligence, an insufficient maintenance or cleaning, inappropriate conditions of storage, chemical, electronical or electric influences, any change in the normal process of use.

The following wearing parts are not covered by the warranty (non-exhaustive list): rotors, stators, driving shafts, connecting rods, seals, cleaning balls, spray guns, lance, nozzle, hose, needle kits, cylinders, piston rods, prime/spray valve assy, seal kits, membranes, suction and delivery valves, carding machine vanes, filters, oils, chains and quick-release clip.

The warranty also excludes the equipment on which the serial number was erased or made illegible, on which unauthorized people made attempts of repair, which were totally or partially dismantled.

Our equipment are covered by a manufacturer's warranty (parts and labor) of 12 months following the purchase date by the final customer, without exceeding 24 months from the date of purchase by the client.

This manufacturer's warranty shall automatically cease if the customer does not resell the equipment within 24 months of its purchase. The cases of exclusion of warranty mentioned in articles above are also applicable to our own equipment.

The manufacturer's warranty shall always be subject to the presentation of the purchase invoice.

If the defective equipment is covered by the manufacturer's warranty, it shall be repaired or replaced at our discretion free of charge.

If the defective equipment is not covered by the manufacturer's warranty, we shall issue a quote for the repair that we shall submit to the customer for approval.

Except as otherwise required by law, this manufacturer's warranty is exclusive of all other warranties, including the statutory warranty of hidden defects.

In case of intervention of our services on a breakdown caused by the customer or an incident excluded in the conditions referred to above, the costs of repair and transport shall be invoiced to the customer.

We exclude all liability for indirect damages suffered by the customer, such as, but not limited to, loss of income, turnover, loss of profits, loss of image, of any kind whatever.

11. WARRANTY CONDITIONS (continued)

In all cases, our liability shall be limited to the amount paid by the customer for non-compliant equipment.

Any legal action of the customer against us relating to the warranty of the equipment shall be barred 1 year after the date of discovery of the defect. The customer shall have to prove the date of this discovery.

Request for Warranty

For any request related to the repair of an equipment covered by the manufacturer's warranty, the customer shall have to fill the warranty form, available on our website, under After-Sale Service.

For a full dossier, the following documents shall have to be attached:

- the purchase invoice of the final user
- pictures of the defective parts of the equipment
- a description of the breakdown
- the quote of labor if the customer is certified by EUROMAIR for repairing the equipment

No invoice of labor shall be taken into account without our prior approval.

Analysis of the breakdown by our technical department

A file number shall be given to the customer and an answer shall be provided within 48 working hours after reception, provided that the request for warranty is considered as full.

In the event the equipment is covered by the manufacturer's warranty, we shall confirm the warranty to the customer and send him a quote (without price) detailing the parts to be changed and any comments.

Return of replacement parts

Replacement parts must be ordered with a warranty agreement number and will be made available to the customer at our factory.

The conditions of return of the equipment are detailed in our Delivery terms.

In the case of a warranty claim on an on-board component such as a Kohler, Honda or Vanguard engine in a machine manufactured by us, only the manufacturer of the component is able to validate the warranty coverage.

In this case, the request must be addressed directly to the manufacturer of the component or to its nearest authorised representative. The Euromair, Euromair MPC or Mixer service centres may be considered as the manufacturer's representatives if they are the closest. As this principle also applies to batteries, our supplier Parts Holding Europe, or one of its sister companies, remains your contact for your requests (<https://www.partsholdingeurope.com/>).

12. FOLLOW-UP OF REVISIONS

The verifications to be made are indicated in paragraph 6. MAINTENANCE.



The recommendations given in this manual are indicative and are not a substitute for those recommended by the engine manufacturer.
For any intervention on the engine, consult the maintenance manual supplied with the machine.

		Date	Signature	Stamp
Hours of operation	50 hours			
	250 hours			
	500 hours			
	750 hours			
	1000 hours			

EUROPRO

EUROPE PROJECTION - 228, avenue Olivier Perroy 13790 ROUSSET - Tél : +33 (0)4 42 29 08 96 – Fax : +33 (0)4 42 53 44 36
SAS au capital de 400 000 € - RCS Aix-en-Provence B 394 961 510 - NAF 2892 Z - Intracom : FR 54 394 961 510

More information on www.euromair.com