

15 DAILY USE

FOREWORD
USE
PROCEDURE

- 1 This pump is for professional use only.
- 2 If using flexible tubing, attach the ends of the tubing to the tanks.
- 3 In the absence of an appropriate slot, solidly grasp the delivery tube before beginning dispensing.
- 4 Before starting the pump make sure that the delivery valve is closed (dispensing nozzle or line valve).
- 5 Turn the ON/OFF switch on. The bypass valve allows functioning with delivery closed only for brief periods.
- 6 Open the delivery valve, solidly grasping the end of the tubing.
- 7 While dispensing, do not inhale the pumped product.
- 8 Should you spill any fluid while dispensing, bark it with earth and soil to absorb it and limit its spreading.
- 9 Close the delivery valve to stop dispensing. When dispensing is finished, turn off the pump.

ATTENTION

 **! Always use, make sure the pump is turned off**
In case of a power break, switch the pump off straight away.

16 MAINTENANCE

NOTE

 **Maintenance must be performed only by authorized and properly trained personnel.**

SAFETY WARNINGS

Thanks to the design, the pump requires simple maintenance. Before carrying out any maintenance work, disconnect the pump from any electrical and hydraulic power source. During maintenance, the use of personal protective equipment (PPE) is compulsory. In any case always bear in mind the following basic rules:

ONCE A WEEK: Check that the pipe connections are not loose to prevent any leaks

ONCE A MONTH:

- Check fans keep the heater installed on the suction line clean
- Check the pump body and keep it clean and free of any impurities
- Check that the electrical supply cables are in good condition

ATTENTION

Do not put your fingers into the pump openings while the pump is working



17 NOISE LEVEL

Under normal working conditions the noise emission from all models does not exceed the value of 70 db at a distance of 1 meter from the electric pump.

18 PROBLEMS AND SOLUTIONS

If you have problems contact the authorized dealer nearest to you.

PROBLEM	UNDERLYING CAUSE	CORRECTIVE ACTION
No water flow	Pump not started	Check power supply
Noisy operation	Air trapped in pump	Prime the pump
Low flow rate	Filter clogged	Clean or replace filter
Overheating	Impeller damaged	Replace impeller
Leakage	Gasket worn	Replace gasket

Rotor jammed	Check for possible damage or obstruction of the rotating components.
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THE MOTOR TURNS SLOWLY WHEN STARTING LOW OR NO FLOW RATE	Motor problems	Contact the Service Department
	Low voltage in the electric power line	Bring the voltage back within the anticipated limits
	Low level in the suction tank	Refill the tank
	Fault valve blocked	Clean and/or replace the valve
	Filter clogged	Clean the filter
	Excessive suction pressure	Lower the pump with respect to the level of the tank or increase the cross-section of the tubing
	High loss of head in the delivery circuit (working with the business owner)	Use shorter tubing or of greater diameter

	By-pass valve blocked	Dismantle the valve, clean and/or replace it
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Air entering the pump or the suction tubing	Check the seals of the connections
A narrowing in the suction tubing	Use tubing suitable for working under suction pressure

pump Adjust the voltage and

	The suction tubing is resting on the bottom of the tank	Raise the tubing
INCREASED PUMP NOISE	Cavitation occurring	Reduce suction pressure
	Irregular functioning of the by-pass	Dispense fuel until the oil is purged from the by-pass system
LEAKAGE FROM THE	Air present in the diesel fuel	Verify the suction connections
	Seal damaged	Check and replace the seal

PUMP BODY		
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19 DEMOLITION AND DISPOSAL

Foreword	If the system needs to be disposed, the parts which make it up must be delivered to companies that specialize in the recycling and disposal of industrial waste and, in particular:
Disposing of packing materials	The packaging consists of biodegradable cardboard which can be delivered to companies for normal recycling of cellulose.
Metal Parts	Metal parts, whether paint-finished or in stainless steel, can be con

 together with non-differentiated urban waste. The symbol indicates that this product must not be disposed of together with normal house

Information regarding the environment for clients residing within the European Union

hold waste. It is the responsibility of the owner to dispose of these products as well as other electric or electronic equipment by means of the specific reverse collection structures indicated by the government or the local governing authorities.

Disposing of RAEE equipment as household wastes is strictly forbidden. Such wastes must be disposed of separately.

Any hazardous substances in the electrical and electronic appliances and/or the misuse of such appliances can have potentially serious consequences for the environment and human health.

In case of the unlawful disposal of said wastes, fines will be applicable as defined by the laws in force.

Other companies, such as pipes, rubber gaskets, plastic parts and wires, must be disposed of by companies specialising in the disposal of industrial waste.



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Installation, use and EN

finance manual

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