

High Pressure Cleaner

SITEMASTER

Instructions Manual



Instructions for installation and use

Manufactured by:

MAER IDROPULITRICI SRL

Via Torre 65/2

24050 Torre Pallavicina BG

Tel 0039 0363 996579

Fax 0039 0363 996688

maer@maeridropulitrici.com

www.maeridropulitrici.com

ITALY

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ATTENTION: do not use the high pressure cleaner without reading the manual

INSTRUCTIONS MANUAL INSTRUCTIONS FOR INSTALLATION AND USE

Congratulations!



By purchasing a MAER high pressure cleaner, you have purchased a high technology machine that will allow you to realize, for a long time, washing operations with care, versatility and safety. The customer and buyer must verify that the operators have read and know the content of the manual and that, therefore, attentively and meticulously follow all the indications. The manufacturer doesn't respond of the damages caused to things, people or animals or those suffered by the high pressure cleaner itself, if the conditions here clarified are not respected. This manual is an integral part of the machine and therefore must be preserved with care for all the life of the high pressure cleaner, up to its demolition. The manufacturer reserves himself the right to the change, also without warning, of his/her own products, without varying, in the case in which the changes are marginal, the documents and the relative technical documentation.

1. Field of employment

1.1. The high pressure cleaner is exclusively destined to the washing, by a jet of high pressure hot water, of objects and surfaces available to sustain its mechanical and thermal action, and, eventually, the chemical action of the additive liquids, detergents and disinfectants, etc...; it allows therefore the cleaning, the disinfection, the sandblasting, the scaling, etc... using accessories, of objects and of surfaces.

1.2. The destination of employment of the high pressure cleaner must meticulously been respected, and every other employment must be considered improper.

1.3. The nameplate of identification (with the technical characteristics of the machine) is positioned on the machine and it is always present. Please make sure, when you Purchase the high pressure cleaner, that the machine has this nameplate of identification. Otherwise, advise immediately the supplier. Machines without nameplate of identification have to be considered anonymous and potentially dangerous; they mustn't be used, otherwise every responsibility of the manufacturer will decade.

Costruttore			Torre Pallavicini (BG) Italy
Modello	90033	Tipo	AVANT
Isolamento	IPX3	Anno	12/99
Prestazione max	200	Portata L/H	21
Tensione	400	Frequenza Hz	50
Ampere a 400V	18	Ampere a 230V	—
Temperatura max	90	a Bar	200
Combustibile	Diesel	Peso Kg	145

2. Characteristics of the personnel employed to use the high pressure cleaner

2.1. All those people that deal with the operation of the machine must dispose of a specific education or of an experience matured on high pressure cleaners.

2.2. To prevent damages to things, people or animals, we recommend to the clients to inform all the operators about the possible consequential risks caused by the installation and the use of the high pressure cleaner.

2.3. The operator of the machine has to use always the described means of personal protection, according to the law of the country of destination and what is given to him/her by his/her employer (safety shoes, work overalls, protective glasses, etc...).

2.4. The personnel employed to the installation, to the use or to the maintenance of the high pressure cleaner must be adult, experienced, mature and aware of his/her own suitable assignments and must be able to correctly interpret what described in this manual, guaranteeing correctness, safety, as well as scrupulousness in the controls.

2.5. Possible consequential responsibilities from the employed, and authorized personnel, to the installation or to the use of the machine are delegated to the customer buyer.

2.6. Those people that deal with the maintenance must dispose of knowledge and specific (maintenance technician) competences that allow him to correctly interpret instructions and sketches.

3. Accidents prevention

3.1. The instructions furnished in this manual don't replace in any way the norms related to the safety, to the installation and the use, to the technical data or the norms in force in the nation of installation or use or the norms dictated of the common sense.

3.2. Technicians or maintenance technicians are obliged to notify any possible defects or deteriorations that are able, in any way, to compromise the original safety of the plant.

3.3. The serial high pressure cleaner is not equipped for working in environments characterized by particular conditions of inflammability or explosiveness; flameproof equipment is supplied only and exclusively on specific request. It is forbidden to install the high pressure cleaner in environments where inflammable materials are present or with particles it suspended in the air: acids, inks, varnishes, resins, solvents, plastic subjects, etc.; follow the norms imposed by the fire department.

3.4. During the filling of the fuel tank, the high pressure cleaner must be disconnected from the electric network. At the same time it is absolutely forbidden to smoke or approaching the machine with free flames during the filling of the fuel tank.

3.5. The hot water high pressure cleaners are projected for an economic combustion, clean and respectful towards the environment and deprived of the residual exhaust gases. Despite this, inhaling high quantity of gases, such CO, is harmful and lethal.

3.6. If the high pressure cleaner is installed or used in closed environments (like garages or establishments), it is necessary to predispose a device of evacuation of the gases together with a recycling of the air supply and for the restoration of the air in the place or in the closed environment.

3.7. Never obstruct the terminal of the chimney; with objects, lance or gun, in proximity of the outlet of the smokes. It is also considered highly dangerous, both for the smokes and also for the elevated temperatures reached. To avoid possible burns, inform technicians and operators about it.

3.8. The high pressure cleaner and its plant as the place and the environment, are forcedly exposed to the water and the damp that injure the natural conditions of isolation of the plant. Don't use therefore unsafe electric cables, thorns or plugs, and sockets; check the integrity and the insulation of the electric cable, together with the equipment of the operators. Don't absolutely touch the thorn or the plugs with wet hands or feet. To avoid accidental switching on, turn the interrupter on OFF before inserting or disconnecting the power supply. Don't pull the high pressure cleaner using the electrical cable or extract its thorn from the socket.

3.9. Use with extreme care the chemical detergents not to deteriorate the environment (degradability 90%), parts or components of the machine, according to the updating of the legislative decree. Besides, always check the degradability and the aggressiveness of the used detergents. Never use acids, inks, solvents, liquid oily, varnishes, resins, etc...

3.10. The "cold" starting of the high pressure cleaner can cause some serious damages to the pump and the circuits; the standstill prolonged at temperatures under 0°C could cause breakups and damages to the pump and the pipes; therefore the emptying of the machine is advisable.

3.11. Always protect the high pressure cleaner from the atmospheric agents, from the cold and from the frost.

3.12. Never direct the jet of water towards people (not even to clean their clothes or their shoes) or animals, nor the machine itself or any objects under electrical tension.

3.13. Lance and gun, although equipped with proper hilts, have a modest counterblow (about 22N) to the departure of the jet; hold them with strength with both hands. Never touch the jet of water during the operation of the high pressure cleaner.

3.14. If some defects, damages or deteriorations on the machine are found, disconnect it immediately, and call an assistance authorized center or the supplier.

3.15. Don't leave never, without overseeing, the high pressure cleaner working in presence of children.

3.16. ATTENTION: If used in the correct way and it is in a good state, the high pressure cleaner sends forth a sonorous level of pressure (noisiness) of 101 dB.

3.17. **The high pressure cleaner has security devices for a safety use:**

- Thermostat
- Pressure switch
- Flow switch
- Photocell for combustion control
- Magnetothermic switch for motor protection
- By-pass valve
- Gasoil float

- Water float
- Electric controls 24V
- Frost protection
- Timed total stop system DSS

3.18. The high pressure cleaner SITEMASTER is provided with a timed total stop system. If the pistol remains closed for more than 10 sec., the motor will stop. The motor will start again by opening the pistol. In addition the machine will stop after 10 false starts (due to micro-leaks) or after 60 minutes without use. In this case the red light will blink. To restart the machine, turn OFF the switch Q2 and then, turn it ON again.

3.19. ATTENTION: The by-pass security valve allows to regulate the flow and the pressure of the water. In addition it protects the pump from overpressure. The valve is set to the maximum allowed pressure and the nut on the knob is sealed with paint. Replacements, reparations and new regulations must be made by specific and authorized personnel.

3.20. ATTENTION: The magnetothermic switch protects the motor from overloads. In case of overload the magnetothermic switch stops the motor. To restart the motor, turn OFF the main switch and then turn it ON again. Replacements and reparations must be made by specific and authorized personnel with the machine unplugged from the electricity network.



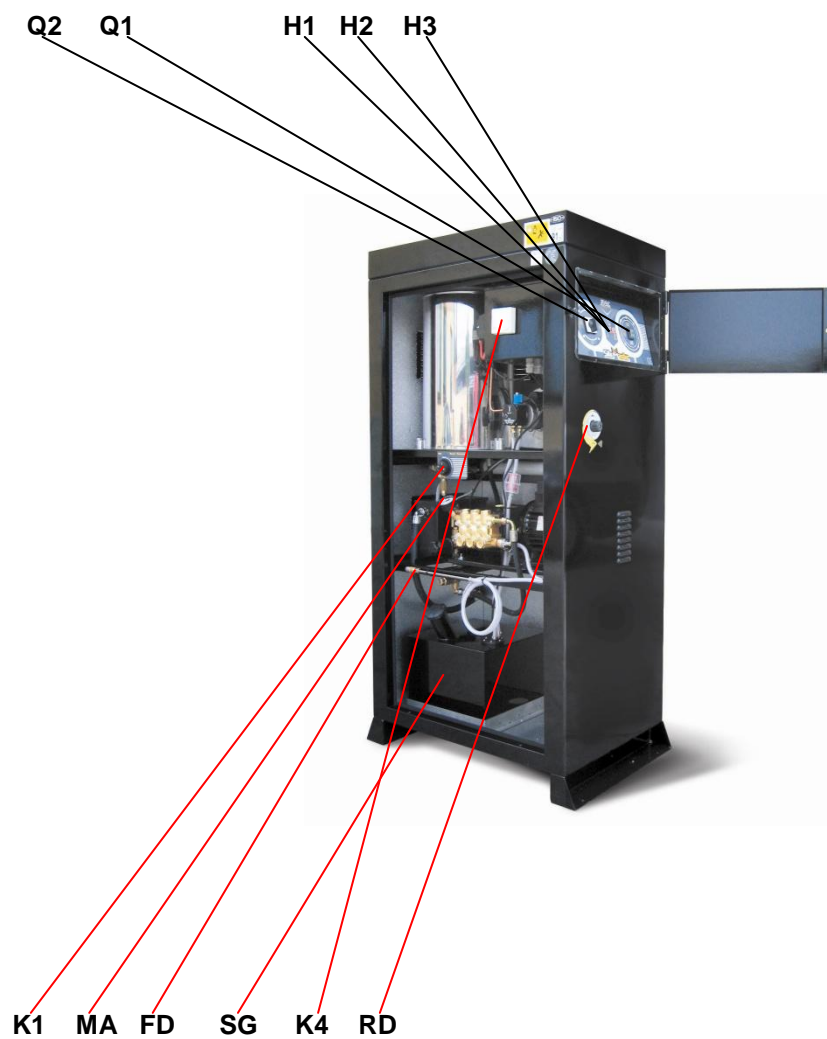
4. Characteristics of the high pressure cleaners

The high pressure cleaners SITEMASTER are divided in the following models:

Model	Maximum pressure (bar-psi)	Maximum flow (l/min-gal/min)	Installed Power (KW)	Voltage 50Hz (V)	Weight (Kg-lb)	Water temperature (°C-°F)
12/100	100/1450	12/3.2	2.5	400	220/485	30-100/85-212
15/150	150/2175	15/3.6	5.8	400	220/485	30-100/85-212
15/200	200/2900	15/3.6	5.8	400	220/485	30-100/85-212
21/200	200/2900	21/4.7	7.8	400	230/507	30-100/85-212

5. Instruments of the high pressure cleaner

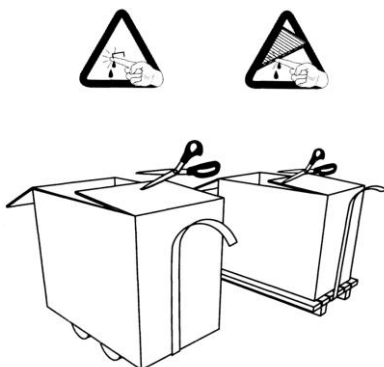
Q1: Burner switch
Q2: ON/OFF switch
H1: Green light (power supply on)
H2: Red light (alarms)
H3: Orange light (burner)
K1: Boiler thermostat
K4: Frost protection thermostat
MA: Pressure gauge
RD: Detergent adjustment tap
FD: Detergent suction hose
SG: Gasoil tank



6. Transport and unpacking

6.1. Submit lifting and transport to specialized personnel. Protect the machine, especially during the transports on road, from bumps, damps or from vibrations, etc...; to underline the dangerousness in the moving of the suspended loads, operators must be warned about risks of collisions.

6.2. To unpack the high pressure cleaner, verify that is not damaged and has got all the parts and components. In the case in which the machine is damaged, please call the supplier and do not use the machine. We remember that the elements used in the packing of the machine could hurt the operator if not handled with care. These elements must be digested therefore and not left to the course of children or of irresponsible persons. The same is worth for the objects used in the removal of the pack (knives, scissors.). For tied up demands to packing and transport, some components are supplied not installed; proceed therefore to the installation according to the instructions of the manual.



7. Installation

7.1. Control carefully that the environment for the installation of the high pressure cleaner considering all the foreseen and unforeseen possibilities.

8. Connection to the electricity supply

8.1. The high pressure cleaner can be connected to alternating current single phase (230V) or three phase (400V) with frequency 50Hz. For the three phase models, the high pressure cleaner is normally supplied connected to 400 V, although can be in demand connected to 230V three phase.

8.2. For the maximum absorption of the electricity, compare the underlying chart.

8.3. Verify that the electric net, to which the machine is connected with the electric cable, has the appropriate characteristics and is provided with **three phases and neutral**.

8.4. The high pressure cleaner is endowed with a magnetothermic switch that interrupts the power supply in the case the absorption of the supply overcomes the value of the setting; for the location of the switch, take a look to the electric plan attached to the machine.

8.5. The client buyer is kept to subsequently protect the line of the power supply by installing a lifesaver with a load not exceeding 30A.

8.6. The cable is supplied without plug for the connection to the net: this must be installed by the buyer, which will verify that:

The plug is proper for the data of the voltage and the tension above described (three phases and neutral).

The plug is conforming to the norms in force in the nation of use and that in any event it is earthed.

The connection cable and plug connection is waterproof.

8.7. If a cable with extension is used, this must have a minimum section of 4 mm². The flying thorns and plugs are forbidden.

8.8. If the cable of connection is damaged, this must be immediately replaced with a proper cable: such operation must be performed by specific and authorized personnel.

Power	Absorption 230V Single phase (A)	Absorption 230V Three phase (A)	Absorption 400V Three phase (A)
2.2	13	8.5	5
5.5	-	21	12
7.5	-	27	16

9. Connection to the water supply

9.1. The pressure of the water supply must be at least 2 bar.

9.2. The water supply must provide a flow of water of at least of the 10% of the course of the high pressure cleaner (compare the chart with technical characteristics).

9.3. First of all, connect the water supply tap to the machine input pipefitting **IN**, using a hose with proper diameter.

9.4. Than, connect the lance to the link of exit **OUT**.

9.5. For a long duration of the pump, avoid the use of water containing sand or other particles that jeopardize the efficiency of the valves, the plungers and the seals.

9.5. When the machine is equipped with a special tank, it is convenient to install a filter upstream of the tank: the pipe of water feeding must have a diameter not smaller than the link of the connection to the machine and must be prepared in such way to avoid that possible airlocks are formed.

9.6. The water supply can have a maximum temperature of 60°C and a maximum pressure of 8 bar.

The seals and other parts and components of the pump could be irretrievably damaged when the machine is made to work without water, even for short periods. Verify that the tap of the water supply is completely open before the high pressure cleaner is switched on

OPERATION

10. Switching on

10.1. Turn the switch Q2 in position ON and maintain the thermostat K1 switched off.

10.2. Pull the trigger of the pistol on the lance, holding it with strength to compensate its recoil and let the machine working for 2 or 3 minutes to eliminate possible residues that could clog the nozzle.

10.3. The trigger of the gun has a safety catch that prevents the accidental activation of the lance. Insert it on when the lance is not used.

10.4. If a detergent is used, put the detergent filter FD into it and rotate the detergent adjustment tap RD.

10.5. To operate with hot water turn the switch Q1 in position ON and regulate the thermostat K1.

11. Switching off

11.1. By releasing the trigger of the gun, the jet of water interrupts and the machine stops (timed total stop system DDS), remaining however turned on and available to the use.

11.2. **To switch definitely off the machine**, turn off the switch Q2; if the machine has worked with hot water it is opportune, before switching off the switch Q2, to lower the temperature. Rotate on 0 (in sense counterclockwise) the thermostat K1, turn the switch Q1 in position OFF and let work the high pressure cleaner with cold water for about 2 minutes, to cool the coil.

11.3. For prolonged stand-by, before turning off the machine unload completely the water from the circuit. This procedure is advisable especially in places with temperatures below 0°C.

11.4. As soon as the water flow stops, switch the machine off by acting on the switch Q2.

11.5. ATTENTION: the operation of the pump in absence of water could irreparably damage its seals.

12. Frost protection

12.1 The high pressure cleaner is equipped with a full cabinet lagging and frost protection controlled by the thermostat K4.

12.2 In case of prolonged stand-by, DO NOT disconnect the power supply and regulate the thermostat K4.

13. Maintenance

13.1. It is absolutely forbidden to effect controls or operations of maintenance with the machine operating or under tension: always remove the electricity supply!!! Don't even effect reparations of fortune or precarious, and never use not-original spare parts.

13.2. The operations of extraordinary maintenance and the control of the combustion must regularly been made by specialized personnel

14. Pump

14.1. The pump is equipped with three plungers in ceramics with automatic recovery of possible leakages.

14.2. If a persistent dripping is noticed under the body of the pump, replace the plungers waterproofing seals. Nevertheless, in the first hours of exercise, a small loss could points out; this is only and exclusively an arrangement of the seals and not a breakdown.

14.3. If there are some losses of oil between the body of the pump and the head of the pump, it is necessary to remove the oil, to get off the head and to handle the substitution of the seals of the head. For this operation it is necessary to contact a specialized and authorized assistance center.

14.4. Restarting the pump after the maintenance to verify that this is supplied of oil. The oil must be replaced after the first 50 hours of operation and subsequently every 500 hours of operation; the ability of the reservoir of the oil is equal to 0,55 liters. Use only and exclusively oil with brand Esso Plus Motor Oil 20W30 or Shell Oil X100 20W40.

PUMP MAINTENANCE TABLE

INSPECTION	DAILY	WEEKLY	50Hrs	EVERY 500Hrs	EVERY 800Hrs
FILTERS	X				
OIL		X			
OIL/WATER LEAK	X				
HYDRAULIC SYSTEM		X			
FIRST OIL SUBSTITUTION			X		
OIL SUBSTITUTION				X	
SEAL SUBSTITUTION					X

15. Boiler

15.1. To improve the power of the boiler, is absolutely necessary to clean the coil. Do this operation in the following way:

15.1.1. Get off the group boiler-burner from the machine and separate the boiler from the burner.

15.1.2. Remove the cover of the boiler.

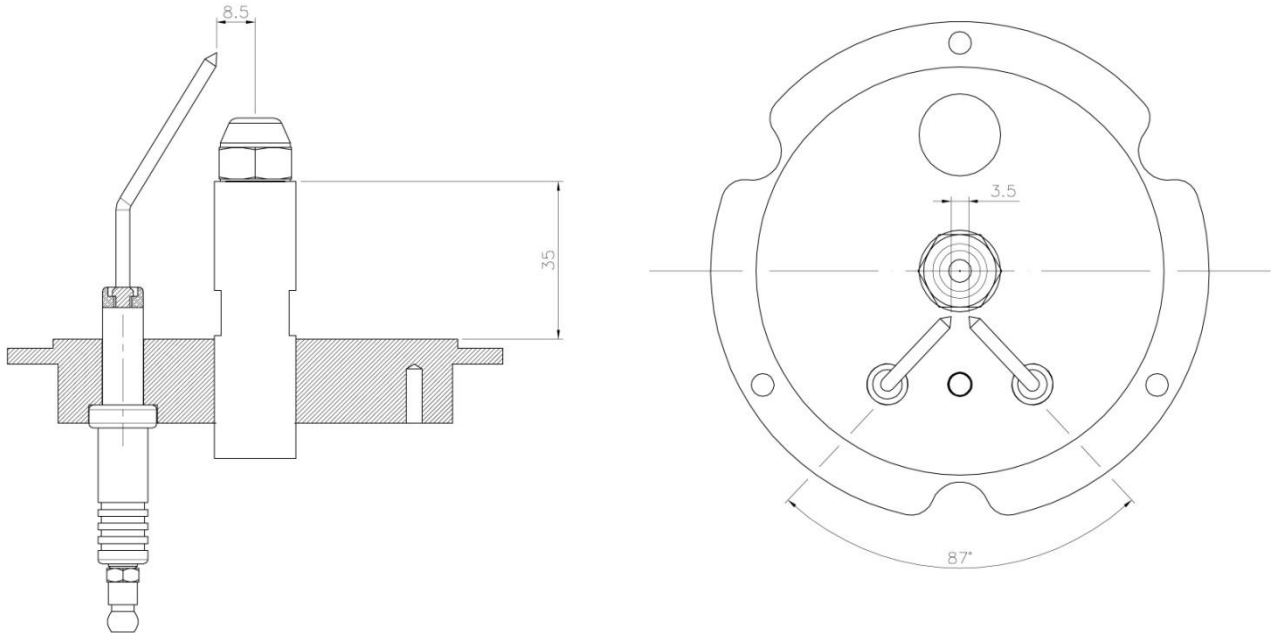
15.1.3. Remove the band of the boiler, freeing the coil.

15.1.4. Use a rigid brush to eliminate the soot from the coil and a vacuum cleaner for the dust.

15.1.5. Reassemble the band, the cover and the burner again, installing the group boiler-burner on the machine.

16. Electrodes

16.1. Periodically check the position of the electrodes to guarantee the best combustion and to avoid the formation of the soot.



17. Fuel filter

17.1. To avoid the seizure or the breakdown of the pump, because of the impurities in the fuel, the circuit of the fuel is equipped with a filter, that must periodically be taken off, and cleaned with a jet of compressed air. The substitution of the filter is advisable when an effective cleaning becomes impossible.

18. Demolition

18.1. To allow the recycling of the raw materials, it is to separate well: pack (if supplied), the exhausted oils and the lubricants, the electric motors, metallic pieces, parts and components in plastics.

18.2. It is compulsory to respect the norms in force related to the production, detention, harvest and disposal of the refusals, according to what established by the legislative decree 22/97. The exhausted oils must be delivered to the National Consortium Obligatory, while possible packing must be digested according to what established by the title II of the legislative decree 22/97.

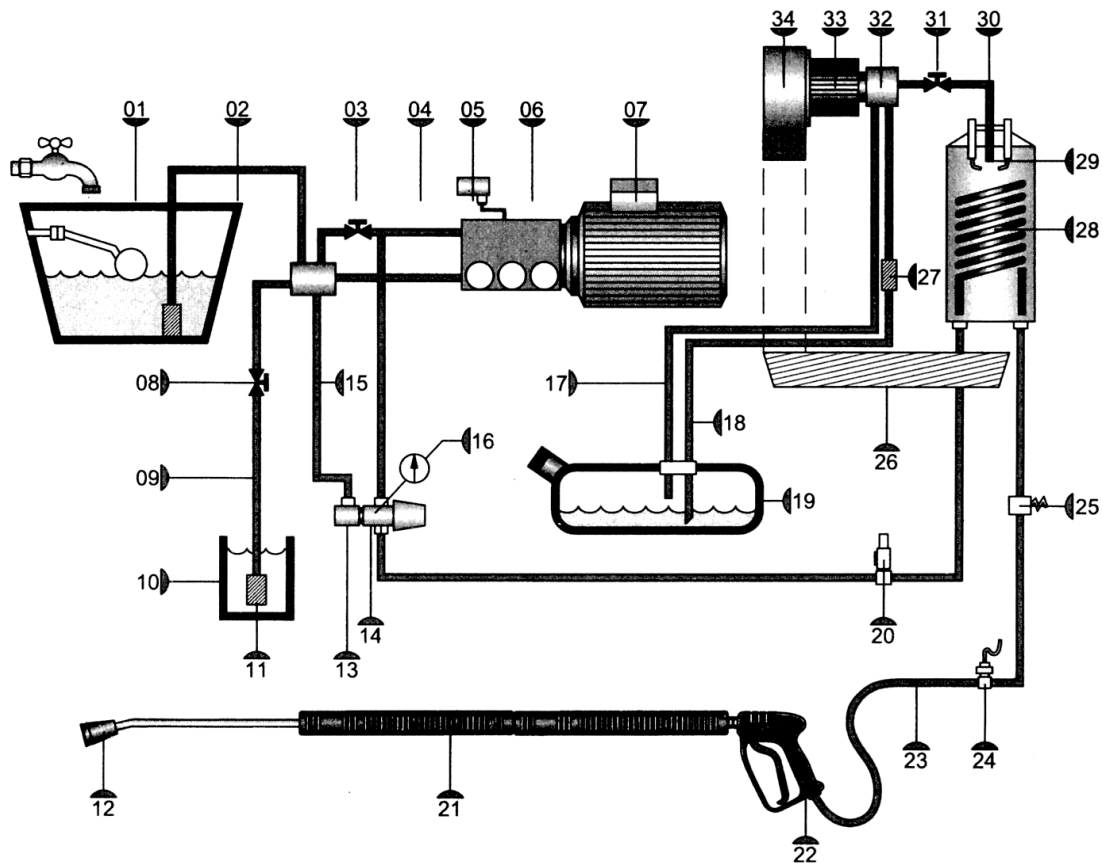
18.3. ATTENTION: MAER IDROPULITRICI society does not assume any responsibility for damages to things, personal or animals, consequential and consequent to the re-use of the single parts or the single components of the machine for function or situation of the assemblage different from the original for which the high pressure cleaner has been conceived. Finally, when demolished, it is to destroy well the nameplate of identification together to every other document related to the same machine.

19. Problems during the operation

Problem	Cause	Solution
The inlet hoses vibrate	Foreign piece in a valve Air suction.	Disassemble the valve and remove the foreign piece Identify the source of the air suction and eliminate it
The burner does not switch on	The thermostat is not engaged or too low regulated The fuel is missing. The electrodes are dirty or badly positioned The electrodes supply cables are earthed or burned. The fuel filter is blocked.	Insert or adjust the thermostat. Put fuel in the tank. Clean the electrodes or regulate them. Replace the electrodes supply cables. Clean the fuel filter
The burner gives excessive smoke	The air suction is not sufficiently open. The fuel has got excessive pressure. The boiler is too dirty	Regulate the air flow by using the airlock. Regulate the fuel pressure by using the regulation screw. Clean the coil of the boiler.
The water does not reach the lance although the pump is working.	Missing water in the net. Air inside the water circuit. The lance nozzle is blocked. The pump intake valve is blocked. The detergent intake tap is open with empty detergent tank. The detergent feeder hose is faulty.	Verify the connection with the water supply and let the water come in. Bleed the circuit. Remove and clean the nozzle. Unscrew the valve and unblock it. Close the tap and fill the detergent tank. Replace the detergent feeder hose.
The pressure at the lance is weak although the pump is under high pressure.	The coil of the boiler is blocked. The lance nozzle is blocked. The pressure valve is dirty. There is lime scale encrusted inside the pressure adjustment valve.	Clean the coil by washing it with a scaling fluid. Remove and clean the nozzle. Remove and clean the valve. Remove the valve, clean it and scale it carefully.
The motor does not switch on.	The fuses have burnt The switch is disconnected. The by-pass valve does not give electric signal to the electronic board.	Change the fuses. Rearm the switch. Check the microswitch on the valve.

20. Hydraulic plan

- 1) Water tank with float
- 2) Water inlet hose
- 3) Flow adjustment tap
- 4) Delivery hose
- 5) Burner pressure switch
- 6) Pump
- 7) Motor
- 8) Detergent tap
- 9) Detergent inlet hose
- 10) Tank
- 11) Filter
- 12) Nozzle
- 13) Microswitch
- 14) By-pass valve
- 15) By pass hose- 16) Pressure gauge
- 17) Fuel return hose
- 18) Fuel inlet hose
- 19) Fuel tank
- 20) Safety valve
- 21) Lance
- 22) Pistol
- 23) 10 m high pressure hose
- 24) Thermostatic probe holder well
- 25) Flow switch
- 26) Boiler bottom
- 27) Fuel filter
- 28) Coil
- 29) Fuel nozzle
- 30) Fuel delivery hose
- 31) Pipe fitting
- 32) Fuel pump
- 33) fan
- 34) Air conveyor



21. Warranty

21.1 The High pressure cleaner has a **twelve-month** warranty from the date of delivery.

Defects and vices connected or consequent to not compliance with the indications contained in this manual ARE EXCLUDED FROM THE WARRANTY.

21.2 MAER Guarantees the mechanical parts of the machine, under normal conditions of use and service; this warranty does not include accessories and usage materials.

The warranty is intended for substitution of the faulty part.

Transport and installation of the new part are at customer's charge.

21.3 In case of return of the high pressure cleaner, please enclose a sheet with the reasons of returning and the type of malfunction.

21.4 No modifications can be made to the high pressure cleaner.

In case of modifications made by the customer, the warranty lapses.

21.5 The MAER company disclaims all responsibility for damages to persons and/or things deriving from use of single parts of the machine, if they have been run or assembled differently from the original condition.

22. Additional instructions

22.1 Instructions of emergency conditions :

- 1 Switch off the machine
- 2 Disconnect the electricity supply
- 3 Call the public assistance

22.2 ACCESSORIES :






















The high pressure cleaner can be provided with proper accessories which allow to use the machine to scale, sandblast disinfect and unblock.

To scale	Rotating nozzle
To sandblast	Sandblasting head
To disinfect	Foaming nozzle
To unblock	Unblocking nozzle

The machine you purchased is a technologically advanced product which uses a high pressure pump. The machine must be used by people with a specific education and competences on high pressure cleaners.

To obtain more safety, read this booklet carefully and follow the instructions each time you use the machine.


1.1 SAFETY “MUST NOTS”

- 1.1.1.    DO NOT use the machine with inflammable or toxic liquids, or any products which are not compatible with the correct operation of the machine. EXPLOSION or POISONING HAZARD.
- 1.1.2.   DO NOT direct the water jet towards people or animals. INJURY HAZARD.
- 1.1.3.   DO NOT direct the water towards the unit itself, electrical parts or towards other electrical equipment. ELECTRIC SHOCK HAZARD.
- 1.1.4.  DO NOT use the machine outdoors in case of rain. SHORT CIRCUIT HAZARD.
- 1.1.5.  DO NOT allow children or incompetent people to use the machine. INJURY HAZARD.
- 1.1.6.   DO NOT touch the plug and/or socket with wet hands. ELECTRIC SHOCK HAZARD.
- 1.1.7.   DO NOT use the machine if the electrical cable is damaged. ELECTRIC SHOCK AND SHORT CIRCUIT HAZARD.
- 1.1.8.  DO NOT use the machine if the high pressure hose is damaged. EXPLOSION HAZARD.
- 1.1.9.  DO NOT jam the trigger in the operating position. ACCIDENT HAZARD.
- 1.1.10.  Check that the data plates are affixed to the machine, if not, inform your dealer. Units without plates must NOT be used as they are unidentifiable and potentially dangerous. ACCIDENT HAZARD.
- 1.1.11.   DO NOT tamper with or adjust the setting of the safety valve or the safety devices. EXPLOSION HAZARD.
- 1.1.12.  DO NOT alter the original diameter of the spray head nozzle. HAZARDOUS ALTERATION OF OPERATING PERFORMANCE.
- 1.1.13.  DO NOT leave the appliance unattended. ACCIDENT HAZARD.
- 1.1.14.  DO NOT move the machine by pulling on the **ELECTRICAL CABLE**. SHORT CIRCUIT HAZARD.
- 1.1.15. Make sure that cars do not drive over the high pressure hose.
- 1.1.16. DO NOT move the machine by pulling on the high pressure hose. EXPLOSION HAZARD.
- 1.1.17. When direct towards tyres, tyre valves or other pressurized components, the high pressure jet is potentially dangerous. Do not use the rotating nozzle kit. And always keep the jet at a distance of at least 30 cm during cleaning. EXPLOSION HAZARD

1.2 SAFETY “MUSTS”

1.2.1.  All electrical conductors **MUST BE PROTECTED** against the water jet. **SHORT CIRCUIT HAZARD.**

1.2.2.   The machine **MUST ONLY BE CONNECTED** to an adequate power supply in compliance with all applicable regulations (IEC 60364-1).


 The machine may cause network noise during startup.
Use of a safety residual current circuit-breaker (R.C.C.B.) will provide additional protection for the operator (30 mA).


Models supplied without a plug must be installed by qualified staff. Use only authorized electrical extension leads with suitable conductor gauge.


1.2.3.  


High pressure may cause parts to rebound: wear all the protective clothing and equipment needed to ensure the operator's safety. **INJURY HAZARD.**


1.2.4.  Before doing work on the machine, **REMOVE** the plug. **ACCIDENTAL START-UP HAZARD.**




1.2.5.  Before pressing the trigger, **GRIP** firmly the gun to counteract the recoil. **INJURY HAZARD.**



1.2.6.  **COMPLY WITH** the requirements of the local water supply company. **CONTAMINATION HAZARD.**

1.2.7.  Maintenance and/or repair of electrical components **MUST** be carried out by qualified staff. **ACCIDENT HAZARD.**


1.2.8.  **DISCHARGE** residual pressure before disconnecting the unit hose. **INJURY HAZARD.**

1.2.9.  Before using the machine, **CHECK** every time that the screws are fully tightened and that there are no broken or worn parts. **ACCIDENT HAZARD.**

1.2.10.    **ONLY USE** detergents which will not corrode the coating materials of the high pressure hose/electrical cable. **EXPLOSION AND ELECTRIC SHOCK HAZARD.**

1.2.11.   **ENSURE** that all people or animals keep a minimum distance of 16 yd. (15 m) away. **INJURY HAZARD.**

1.2.12.  In case of sudden lack of electricity, **ALWAYS MOVE THE PUMP START SWITCH** on the OFF position (ZERO).

1.2.13.  When the job is finished, **ALWAYS DISCONNECT** the high pressure washer from the **ELECTRICAL** and **WATER** supply.

DECLARATION OF CONFORMITY

**Manufacturer:**

MAER IDROPULITRICI
24050 Torre Pallavicina (BG)
ITALIA

Responsible for the technical dossier:

BOTTI GIUSEPPE
Via Inferiore 1
24050 Torre Pallavicina (BG)

Description of the machine: HIGH PRESSURE CLEANER

Model: SITEMASTER

Serial number:

Year of construction:

Net power installed:

Pressure:

Flow:

Measured acoustic power level: $L_w = 101$ dBa

Guaranteed acoustic power level: $L_w = 101$ dBa

Herewith we declare that the above mentioned machine conforms to the instructions of the 2006/42/CE machine directive and to the other following CE directives:

- Directive 92/42/CE
- Directive 2000/14/CE Acoustic inputs
- Directive 2002/44/CE Vibrations
- Directive 2004/108/CE ex 89/336/CE Electromagnetic compatibility
- Directive 2014/35/UE ex Directive 2006/95/CE ex 73/23/CE Low tension.

For the verification of the conformity, the following norms have been consulted:

- EN 292-1 / EN 292-2 / EN 60204-1 / EN 60335-2-79 / EN 60335-10

as described in the technical dossier, in the instructions manual for the use and the maintenance.

The technical dossier is filed at MAER IDROPULITRICI company.

Torre Pallavicina,

The legal representative
Agnese Maria Valcarengi