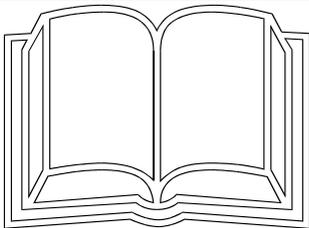


ALBERTI[®]
INTERNATIONAL

NEW MEDIJET



Each part of this use and maintenance manual shall carefully be read before utilizing the machine. This machine has been tested as provided for by the Machinery Directive 2006/42/EC, as well as by the Directives 2014/30/UE, 2014/35/UE, 2000/14/CE, 2011/65/UE, 2012/19/UE as amended.



ALBERTI INTERNATIONAL
Via G. Galilei
46020 MOTTEGGIANA (MN) – ITALY
Tel. +39(0)376/510065 - Fax +39(0)376/510034
EDITION 01.04.2019 (Copyright)

**USE AND
MAINTENANCE
MANUAL**

PAR.	INDEX	PAGE
1	General Outline	2
2	Machine Identification	3
3	Technical Data	3
4	Machine Dimensions	4
5	Main Parts	4
6	Safety Norms	5
7	Machine Installation	6
8	Machine Start-up	7
9	Standard Equipment	7
10	Optionals	8
11	Detergents	8
12	Single phase electrical diagrams – By Pass – Total Stop	8
13	Labels	10
14	Maintenace	11
15	Inner Coil Cleaning	12
16	Machine Demolition	12
17	Warranty	13
18	Drawbacks : causes and solutions	13
19	Warranty Conditions	14
20	Conformity Declaration	15

1. GENERAL OUTLINE

Congratulations for having chosen our new model of high pressure cleaner NEW MEDIJET which underlines Your level of technical know how and good taste for design.

Innovation and technology, high performances and sturdiness are the main characteristics of the NEW MEDIJET

The present manual is an integrant part of the machine and must be easily found by the personnel in charge of its use and maintenance.

The user, the operator and the person in charge of maintenance must know the content of the present manual.

In case of doubts regarding the comprehension of this manual, You must contact the company ALBERTI INTERNATIONAL – Via Galileo Galilei – 46020 – MOTTEGGIANA (MN) ITALY – Tel.: 0376/510065 Fax:0376/510034

Descriptions and drawings contained in this manual can be changed at any time without prior notice

WARNING!



Read the present manual before starting the machine to ensure a correct and safe running of the same.

The machine is exclusively meant for washing and cleaning with hot or cold water surfaces apt to being treated with mechanical high pressure jet system and subject to eventual chemical action of detergents.

Before using the cleaner, make sure that the identification plate is fixed on the machine; if the plate is missing, please don't use the machine and contact immediately your dealer.

Don't leave the machine unattended in your work environment.

After the daily use, it is recommended to keep the cleaner in a dry place protected from bad weather conditions.

Don't use the cleaner for any other purposes than the ones described above

If you want to junk your cleaner, please follow the laws in force in your Country.

2. MACHINE IDENTIFICATION



PICTURE 1

3. TECHNICAL DATA

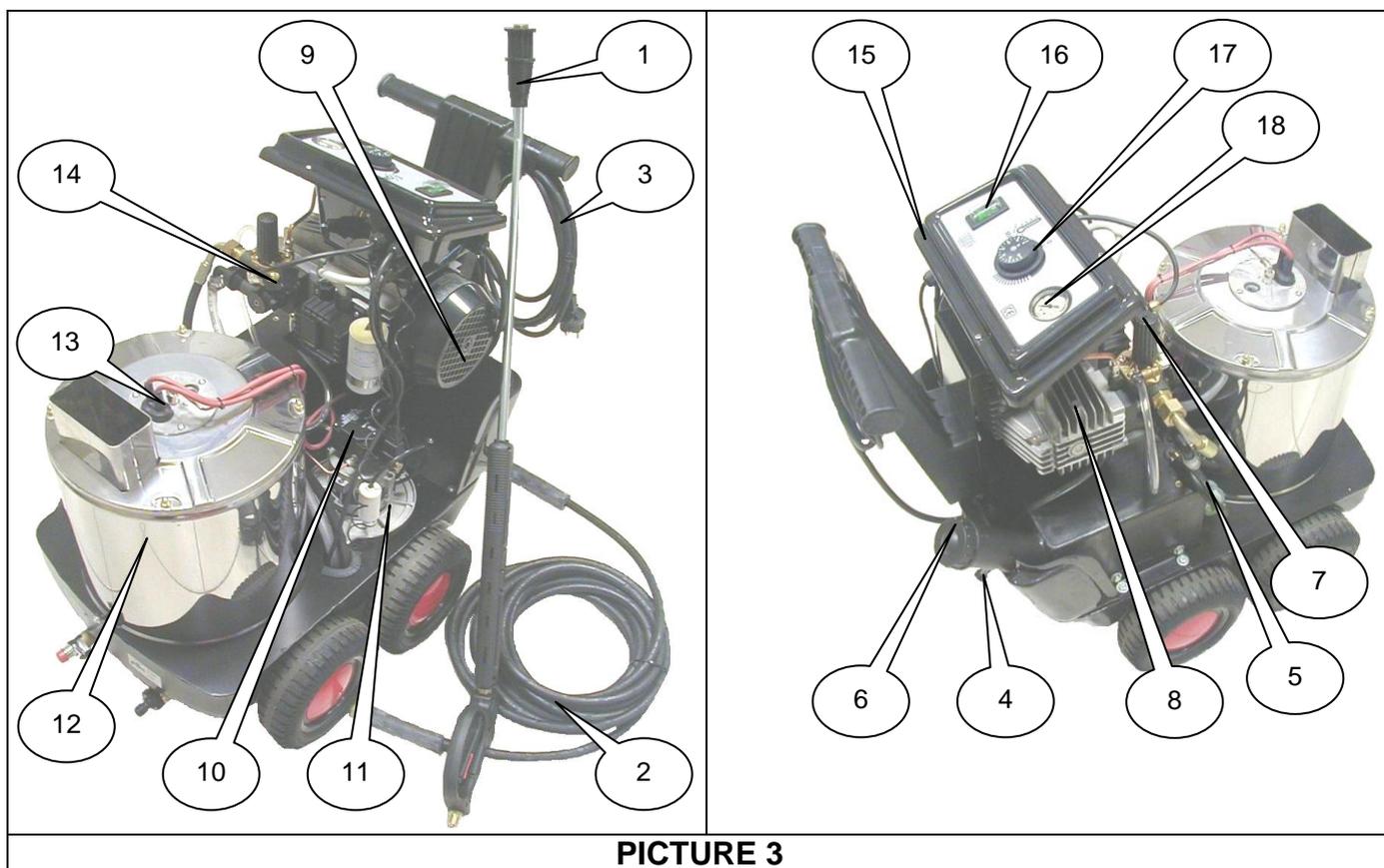
FUNCTIONS		MODEL			
		NEW MEDIJET By-pass	NEW MEDIJET Total stop	NEW MEDIJET By-pass	NEW MEDIJET Total stop
Pressure	bar	130	130	150	150
Debit	L/min	9	9	10	10
Motor Power	HP	2.5	2.5	3.5	3.5
	KW	1.84	1.84	2.5	2.5
Absorbed Power	KW	2.0	2.0	2.5	2.5
Power Suppli	V-Hz	230-50 Single Phase	230-50 Single Phase	230-400 50 Three phase	230-400 50 Three Phase
Temperature	°C	30 ÷ 90	30 ÷ 90	30 ÷ 90	30 ÷ 90
Fuel Tank	Lt	8	8	8	8
Weight	Kg.	62	62	62	62

4. MACHINES DIMENSIONS



PICTURE 2

5. MAIN PARTS



PICTURE 3

1	Lance	6	Fuel Tank	11	Burner Motor	16	ON/OFF Switch
2	High Pressure Hose	7	By-pass Valve	12	Boiler	17	Thermostat
3	Feeling Cable	8	High pressure Pump	13	Combustion Head	18	Pressure manometer
4	Detergent Intake	9	Electric Motor	14	Pressure Switch		
5	Detergent Filter	10	Fuel Pump	15	Electrical Plant		

6. SAFETY NORMS

- Make sure that the machine is constantly supplied with water. Dry working would cause serious damages to the cleaner seal system.
- Electrical connections must be carried out by skilled/trained personnel only.
- Never pull the power cord to disconnect the plug nor pull the hose to move the machine.
- Don't leave the machine in a low temperature place and protect it from frost and general bad weather conditions.
- Avoid vehicles transit on the high pressure hose.
- While the machine is running do not cover it and avoid placing it where there's low air supply.
- If you are working indoors, it's compulsory to install a fan to discharge the exhaust gases outside.
- The fan terminal must not be obstructed. Don't leave the lance or any other object near the exhaust outlet.
- The nature of the gases as well as the high temperature are to be considered very dangerous, the operator must thus be adequately informed in order to avoid being scalded.
- Don't leave the machine outside when it rains or when the weather conditions are bad. The operators must wear protection clothes while using the machine.
- Don't use the machine under the rain or in case of storms.
- Do not leave the machine for more than 5 minutes working with the gun closed, the water temperature would increase rapidly causing serious damages to the seal system.
- Each time the cleaner has to be switched off blow off the hose residual pressure by using the gun.
- Do not use fuels different from the ones suggested by the manufacturer

**WARNING!**

- Don't carry out any operation on the machine before having unplugged it.
- Don't carry out any unwary operation on the electric cable and make sure the same is not damaged.
- Never direct the high pressure water jet towards people, animals, electrical installations or the machine itself.
- Use always only clean water. Dirty water and chemical corrosive products are harmful for the machine.
- When using an extension make sure the plugs have an IP65 type protection and that the cable is according to the table mentioned here under:

TENSION V	EXTENSION LENGTH	CABLE SECTION mm ³
220 – 240	Fino a 20 m.	2.5
220 – 240	Da 20 m. a 50 m.	4

7. MACHINE INSTALLATION

The cleaner you are about to use will operate at it's best if all instructions are duly followed.

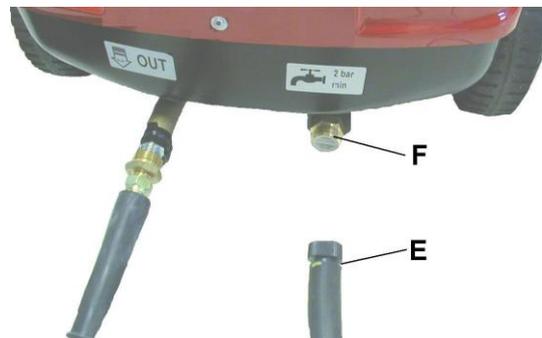
Before turning on the machine, make sure it is perfectly horizontal on a surface.

Connect the high pressure hose **A** to the gun **B** and the other end of the cable to the intake fitting, fixing tightly the fastening nut **C** (See picture 4).



PICTURE 4

Connect the water supply hose **E** to the intake fitting **F**. It is recommended to use a reinforced hose having an inner diameter of at least 10mm. The water intake must be of at least 15 l/min and have a max inlet temperature of 60°C. (See picture 5)



PICTURE 5

Fill the fuel tank **G** with fuel (diesel)
See Picture 6



PICTURE 6

Make sure that the electrical tension and amperage are suitable for the machine. The cleaner must be connected to a suitable feeding point equipped with an efficient contact to earth and controlled by an overload cut out switch.

8. MACHINE START UP



After having installed the machine it can be turned on: open the water faucet **H**.

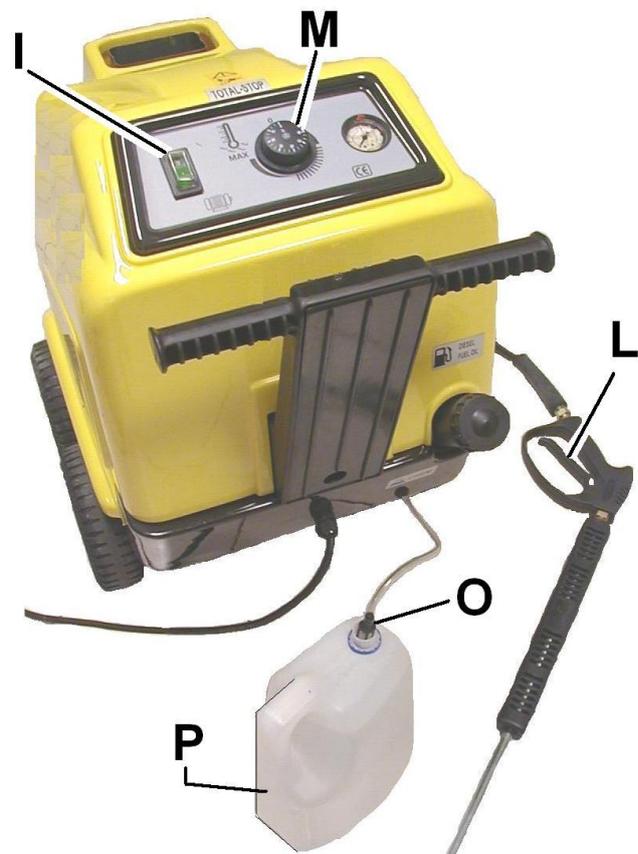
Push the start button **I** and open the lever **L** of the gun for a few seconds in order to eliminate the air inside the hose. When starting the machine for the first time it's necessary to operate it without the nozzle in order to permit the outlet of dirt and air from the pump, afterwards replace the nozzle.

The use of water is obtained pressing the start switch **I**, the pump starts working then press the lever of the gun **L**. Hot water is obtained by pressing the star switch **I**, then adjust the service temperature on the manometer **M**, press the gun's lever **L** and the burner will turn on producing hot water at the desired temperature.

Once having operated the machine with hot water and before turning it off, let it run with cold water for a couple of minutes.

The pressure is regulated by the manufacturer at 120 Bar and must not be changed for any reason. The detergent is applied by introducing filter **O** of the detergent into a suitable container **P**, by opening the device for the detergent suction from the lance and opening the gun's lever.

At the end of the working day, switch off button **I** and by operating on the gun remove the residual pressure from the hose.

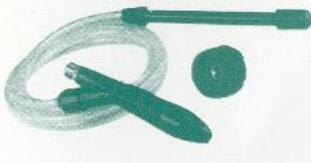
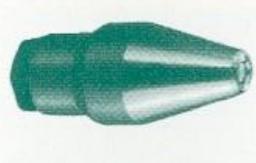


9. STANDARD EQUIPMENT

We suggest to check the cleaner when it is delivered. It must be complete in all the parts and be supplied with: a **thermal lance**, an **8 mt high pressure hose** and a **nozzle** suitable for the model you have purchased.

10. OPTIONALS

"ALBERTI INTERNATIONAL" can supply upon request, useful optional shown here under which permit to carry out different kind of performances in an extremely simple way.

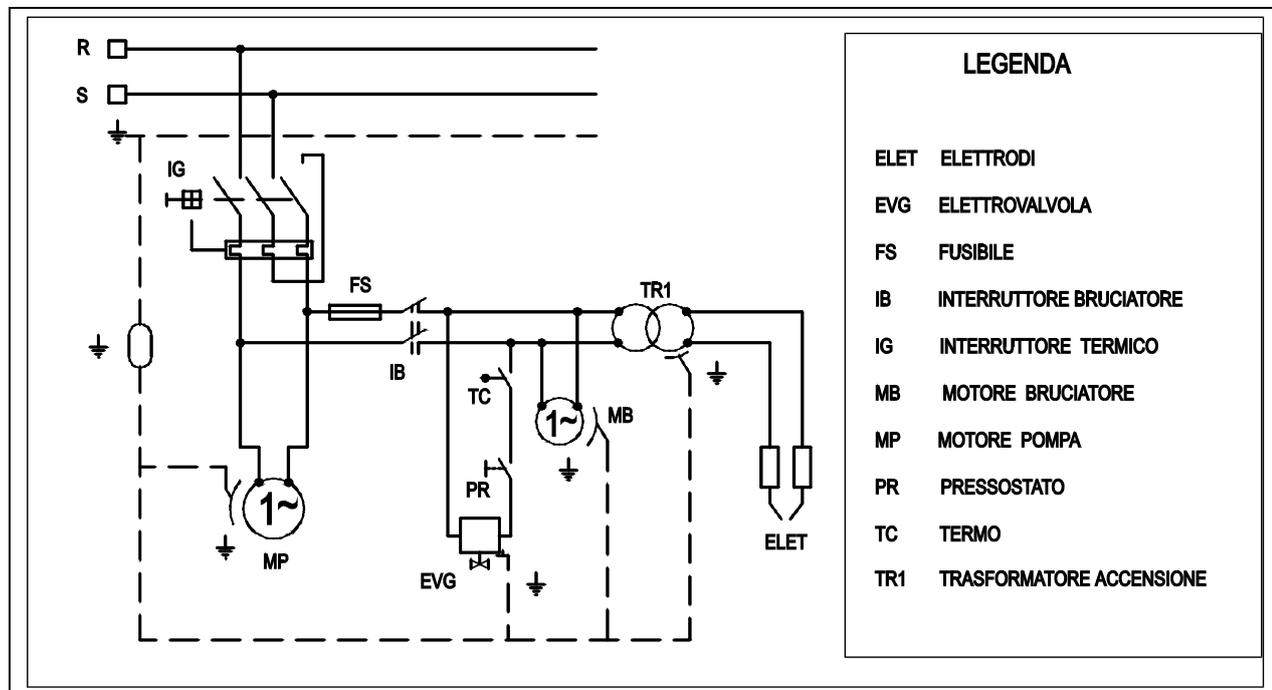
			
<p>ROTATING BRUSH Used for cleaning vehicles, surfaces, paving tiles, etc..</p>	<p>SANDBLASTING KIT</p>	<p>FOAMING NOZZLE</p>	<p>ROTATING NOZZLE Permits to remove the hardest dirt from surfaces</p>

11. DETERGENTS

It is recommended to use only liquid detergents an to avoid using **powder detergents**. The detergents must be biodegradable as per the laws in force.

12. SINGLE PHASE ELECTRICAL DIAGRAMS BY - PASS AND TOTAL-STOP

SINGLE BY - PASS

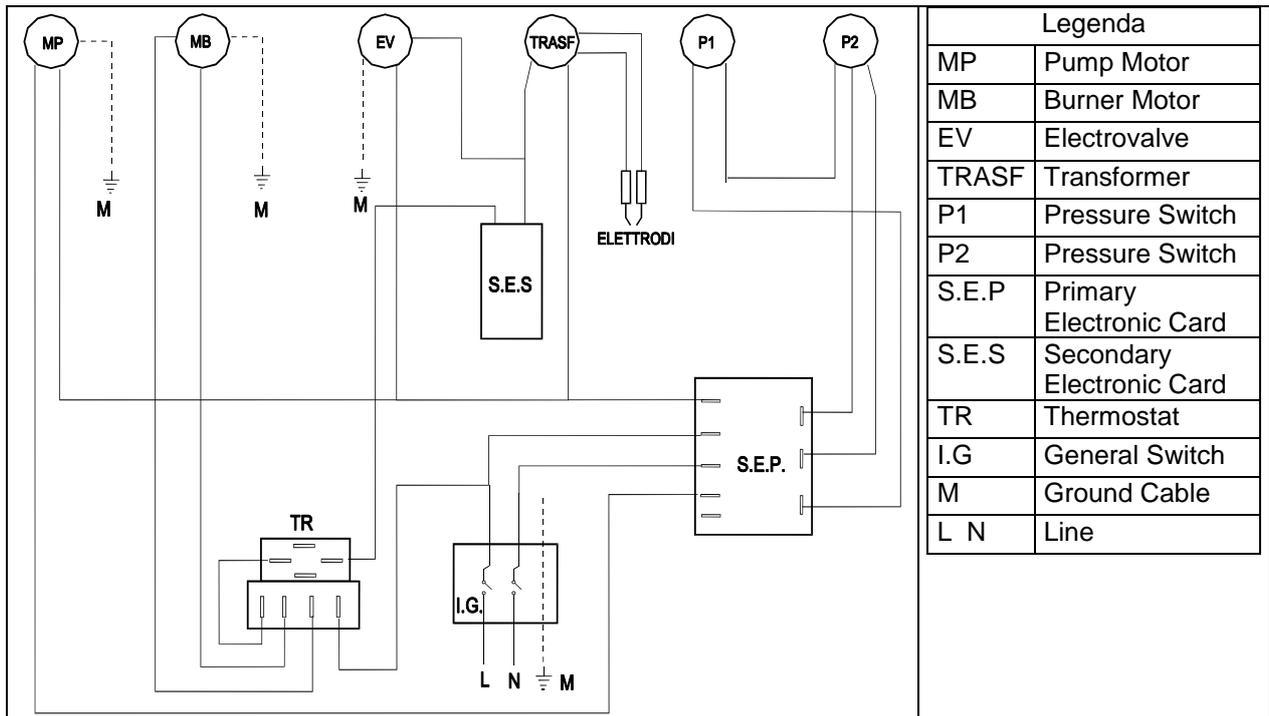


Picture .7

LEGENDA:

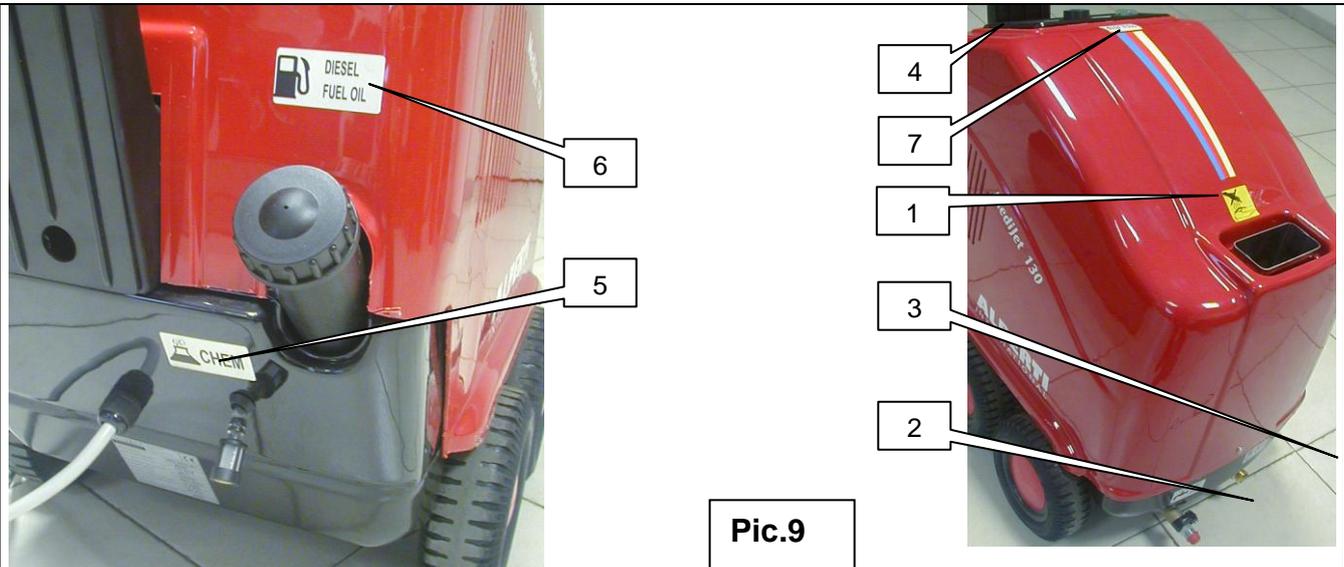
ELET:	Electrodes	MB:	Burner Motor
EVG:	Electrovalve	MP:	Pump Motor
FS:	Fuses	PR:	Pressure Switch
IB:	Burner Switch	TC:	Thermo
IG:	Thermic Switch	TR1:	Start Transformer

SINGLE PHASE TOTAL - STOP

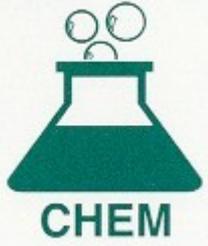
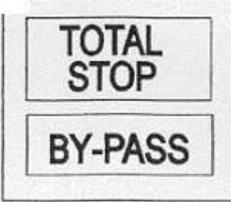


Picture 8

13. LABELS



Pic.9

<p>1</p>  <p>WARNING! Outlet of high pressure exhaust gases</p>	<p>2</p>  <p>LANCE DELIVERY</p>	<p>3</p>  <p>Water Feeding</p>	<p>4</p> 
<p>5</p>  <p>CHEM DETERGENT TANK</p>	<p>6</p>  <p>FUEL TANK</p>	<p>7</p>  <p>TOTAL STOP BY-PASS MODEL</p>	 <p>Warning! Do not direct the high pressure jet towards people, animals or objects</p>



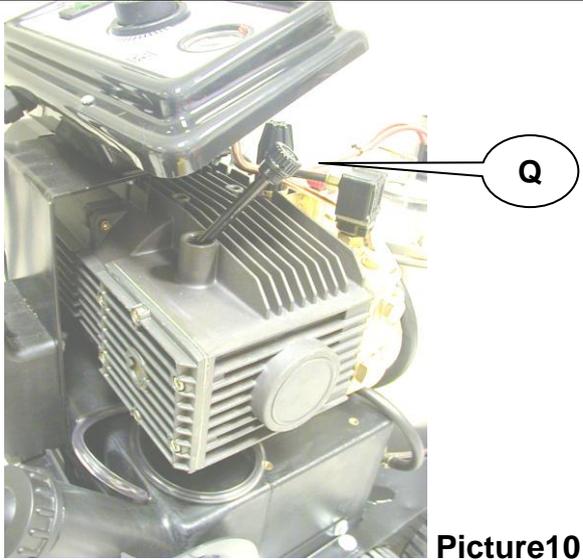
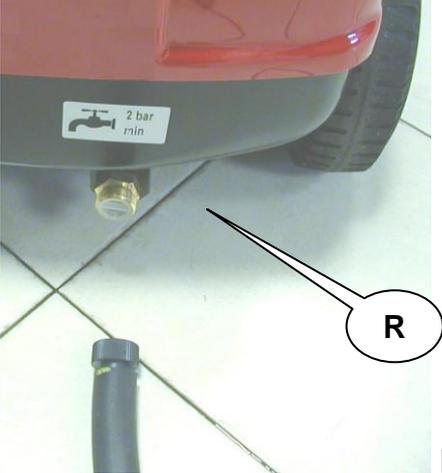
WARNING!

Make sure that the stickers/labels are present on the machine and that they are readable; if they are missing or erased, please attach or replace them. Request them from the licensed dealers!

14. MAINTENANCE

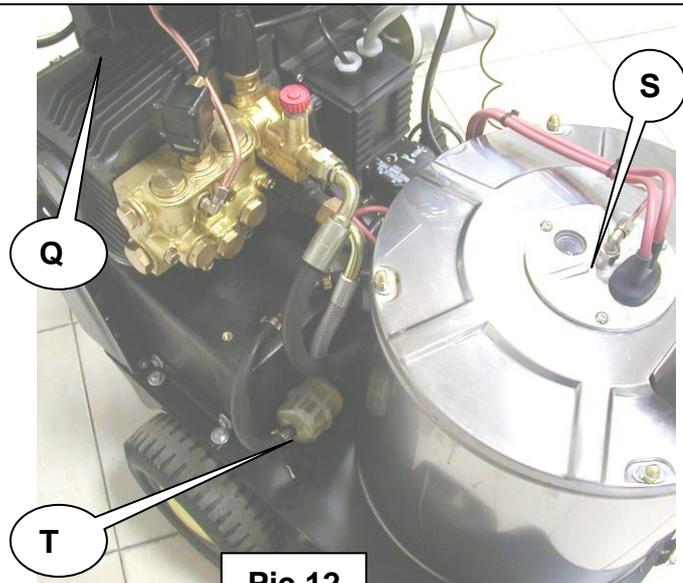
- All fixing and maintenance operations must be carried out by authorized personnel.
- All maintenance operations must be carried out keeping the machine on an even floor.
- The machine must be disconnected from the main power and from the water supply.
- A correct use and maintenance are necessary to guarantee the machine's reliability and it's best performances.
- In order to ensure regular and constant performances it is recommended to use original spare parts only.
- The machine you have bought has undergone a factory test which ensures correct running at standard conditions.

Besides preliminary controls, the cleaner needs constant checks that are to be carried out according to following time schedules:

<p style="text-align: center;">DAILY</p> <p>Check the oil level by means of the cap complete of dipstick Q, if necessary add some.</p> <p>Remove the cap, check the missing quantity and add oil type SAE 15W/40, then replace the cap.</p> <p>The first oil top up must be done after 1 week work.</p> <p>Check the working condition of the feeding hose and the extension cable. Picture 10</p>	 <p style="text-align: right;">Picture10</p>
<p style="text-align: center;">EVERY 2 WEEKS OR 50 HOURS OF WORK</p> <p>Clean the water filter placed in the water inlet by means of an air jet Picture 11</p>	 <p style="text-align: right;">Picture11</p>

EACH MONTH OR 100 WORKING HOURS

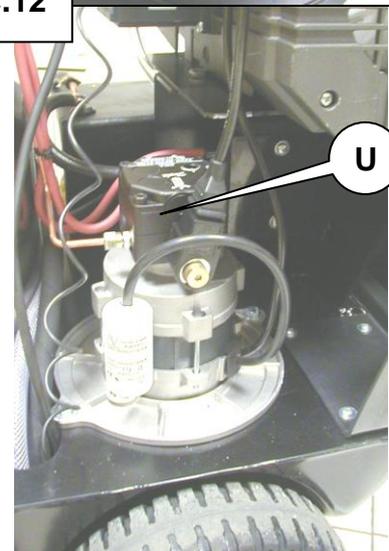
Clean the combustion head **S**
See picture 12



Pic.12

EVERY 3 MONTHS OR 300 WORKING HOURS

Carry out the first oil top up **Q**
Replace the fuel filter **T**
Clean the filter of the fuel pump **U**
See picture 12



15. INNER COIL CLEANING

Dilute 1 Kg of a scaling product into a container filled with 5 Lt. of water. Disconnect the water supply, **H** (picture 12) and introduce the water feeding hose and the lance without the nozzle into the container.

Let the machine work with cold water for 20 min.

Connect the water supply, run the machine by using the lance without the nozzle until the water comes out clean, than fit back the nozzle to the lance.

16. MACHINE DEMOLITION

If you want to junk your cleaner, please comply to the laws in force in your Country. The cleaner is manufactured with parts containing recyclable metals and plastics. The oil found inside the pump is highly dangerous and pollutant and **must not** be wasted in the environment or

poured into civic drains. **For further information please contact your local committee for exhaust oil drainage.**

17. WARRANTY

For as much as the machine's warranty is concerned apply to paragraph **19 WARRANTY CONDITIONS** and **WARRANTY CERTIFICATE** given with the machine. The same is valid only if filled in completely and sent to ALBERTI INTERNATIONAL S.r.l. within 10 days from the machine's purchase.

18. DRAWBACKS: CAUSES AND SOLUTIONS

PROBLEM	CAUSE	SOLUTIONS
WATER DOESN'T COME OUT	Dirty water filter Blocked infeed valves Clogged lance nozzle	Clean or replace Check Clean
WEAK OR IRREGULAR PRESSURE	The detergent valve is open and takes in air Insufficient water supply The pump intakes air Worn out valves Worn out/not suitable nozzle Worn out gaskets	Check Check the capacity Check Replace Replace Clean or replace Replace
THE BURNER DOESN'T TURN ON	Excessive air intake Dirty fuel filter Dirty fuel pump filter Dirty burner nozzle Faulty thermostat Broken/blocked electrovalve Insufficient electrodes spark Worn out motor pump joint Absent/insufficient voltage	Check Replace Clean or replace Replace. Replace Replace Check Replace Check
NOISY CLEANER	Air intake; Worn out/dirty/blocked valves; Exceeding water temperature	Check the intake hoses Clean or Replace Decrease the temperature
PRESENCE OF WATER IN THE OIL	Worn out water/oil rings High percentage of humidity in the air	Replace Check
OIL LEAKAGE FROM HEAD	Worn out O-rings of the seal system	Repalce OR
MOTOR DOESN'T START WHEN PRESSING THE SWITCH	The plug is not working due to overheating	Check the plug, the cable and the ON/OFF switch
MOTOR STOPS SUDDENLY	Intervention of the thermic protection due to overheating	Check the tension.

19. WARRANTY CONDITIONS

ALBERTI INTERNATIONAL guarantees the quality of the cleaner's components for a period of 12 months starting from the date of purchase. The warranty consists and is limited to the obligation of fixing or replacing -free of charge – all the components that have faults due to manufacturing or to the quality of the materials. This obligation is valid where the warranty certificate is effective. ALBERTI INTERNATIONAL cannot be responsible for any improper use, for parts subject to wear, for the electrical parts, for the labour, for the delivery costs of the components under warranty. ALBERTI INTERNATIONAL does not acknowledge any warranty for the cleaners or/and for the parts which have been tampered by the customers or someone else; for problems caused by the users or someone else not qualified or from the non-observance of the norms contained in this manual. The warranty is not acknowledged for those cleaners on which have been carried out any operation not approved by the manufacturer. ALBERTI INTERNATIONAL recommends to use only original spare parts and to contact the licensed technicians. The warranty certificate must be fully filled in and sent to ALBERTI INTERNATIONAL within 10 days from the date of purchase. Failure to conform to these warranty stipulations can automatically void the warranty. The warranty certificate is effective only if the customer can exhibit the present warranty certificate.



Via G.Galilei- 46020 MOTTEGGIANA (MN) - ITALY

WARRANTY CERTIFICATE

WARRANTY CERTIFICATE- BULLETTIN DE GARANTIE- GARANTIESCHEIN-CERTIFICADO DE GARANTIA

MATRICOLASerial number – matricule
Seriennummer**DATA DI CONSEGNA**Date of delivery – date de livraison
Auslieferungsdatum – Fecha de la entrega**NOME E INDIRIZZO**Name and address of purchaser – Nom et adresse du acheteur
Name und anschrift der käufer – Nombre y direccion del comprador**TIMBRO DEL RIVENDITORE**Dealer stamp – Timbre du vendeur
Stempel der händler – Sello del vendeor

(to be filled and sent in within 10 days from the date of purchase)



Via G.Galilei- 46020 MOTTEGGIANA (MN) - ITALY

MATRICOLA – Serial number – Matricule – Seriennummer – Matricula

DATA DI CONSEGNA – Date of delivery – Date de livraison – Auslieferungsdatum – Fecha de la entrega

20. CONFORMITY DECLARATION

Via Galileo GALILEI – 46020 MOTTEGGIANA (MN)

**CONFORMITY DECLARATION**

According to EEC 89/392 regulations and further amendments



Via Galileo GALILEI, 46020 MOTTEGGIANA (MN) – ITALY

Cod. Fisc. LBR CMN 50P30 E922U – Part.Iva 00399970201

Declares under its full responsibility that the

NEW MEDIJET

is in accordance with the machine regulation 89/392/EEC and further amendments

As well as with the EEC regulations 73/23 (LOW TENSION)

and EEC 89/336 (ELECTROMAGNETIC COMPATIBILITY)

THE LEGAL REPRESENTATIVE

A handwritten signature in blue ink, appearing to read "Clementino Alberti", written over a horizontal line.

Clementino ALBERTI

ALBERTI **INTERNATIONAL**



VIA GALILEO GALILEI
46020 MOTTEGGIANA (MN)
ITALY

Tel: +39 0376 510065 – Fax: +39 0376 510034

Web: www.alberti-international.it

e-mail: info@alberti-international.it