



WESPY MANUAL HIGH PRESSURE PARTS WASHER

Operating and Maintenance Manual



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1. GENERAL EXPLANATION

In this manual you will find information on the operation, control and maintenance of the manual high pressure parts washing machine. Should an issue occur with a Wespy manual high pressure parts washing machine, report it to Wespy Makine.

This manual should be given to the personnel responsible for the operation and maintenance of the manual high pressure parts washing machine and should be read carefully.

The manual high pressure parts washing machine can be used in the following areas:

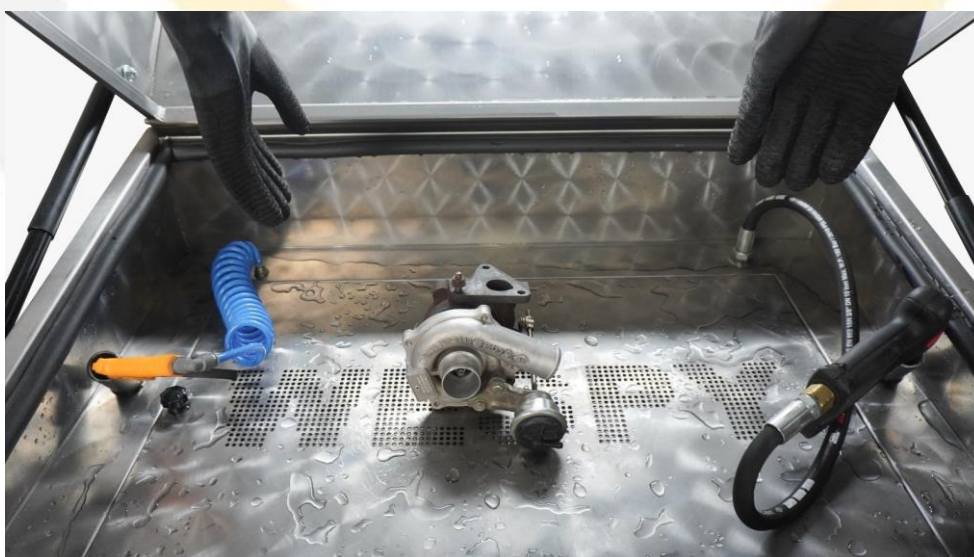
- Washing of engine blocks and parts
- Parts washing in bus, truck, vehicle and construction equipment services
- Workshops that manufacture machining and oiled parts
- In reconditioning and cylinder head repair companies

NOTE Wespy have a full range of solvent bath, high-pressure, manual parts washers.**



2. TECHNICAL SPECIFICATIONS

Model	YB - 1000
Machine Dimensions	700x1100x1900 (mm)
Dimensions Working Area	900x600 mm
Pump Pressure	0-200 (bar)
Pump Power	3Hp*1
Heater Power	7,5 Kw
Electrical/ Phase	220 – 380V / 3
Thermostat	0-90 °C
Lighting system	Standard
Opening/Closing System	Manual
High Pressure Water Gun	Standard
Air Gun for Drying	Standard
Cleaning Window System	Standard



3. PARTS WASHER COMPONENTS & FEATURES

To ensure maximum efficiency is obtained when washing parts, our Wespy Manual High Pressure Parts Washer model is equipped with quality components only.

3.1. STAINLESS CHROME TYPES USED IN MANUFACTURING

Wespy determines the types of chrome sheet to be used in the manufacturing of washing machines, depending on the request of the buyer. Manual High Pressure Parts Washing Machine is manufactured from AISI 304 or 430 stainless chrome sheets. Pricing will be adjusted accordingly for material changes.

3.2. CONTROL PANEL

At Wespy, we put quality first and that is why we use Schneider for our automation systems, which is a very well-known French brand.

3.3. PUMPS

The pump we use in our machine is SUTEM, a very good Italian brand. The pressure of the pump can be adjustable between 0 and 200 bars. The Wespy Manual High Pressure Parts Washer is designed to reduce the water and detergent consumption by filtering the water with a recirculation system.

4. PREPARATION AND WARNINGS BEFORE USE

Read the warnings below before using the machine.

- The Wespy Manual High Pressure Parts Washer should be set up in a clean area.
- The machine should be lifted using a forklift and carried to the install site. Place the machine on flat, solid ground.
- Make sure that work safety rules are strictly followed during the setup of the parts washer.

The following should be taken into account when setting up the Wespy Manual High Pressure Parts Washer:

- Allow adequate room around the machine for ease of use and maintenance. Pay attention to the space required for the cables and additional accessories that will be attached to the machine during installation.
- Only sufficiently trained and experienced operators should use and maintain the machine.
- Fill only with a non-flammable degreaser or cleaning agent to just below the level of the parts shelf. **DO NOT** fill with flammable solvents.
- In case of an unexpected malfunction, contact us.

5. SAFETY PRECAUTIONS

ATTENTION:

- The machine should not be operated when protective cover is open.
- During cleaning, repair and maintenance processes, make sure to turn off power and take required safety precautions. Place warning signs or notices on the power supply and electric board.

Electrical Hazards

Electrical shocks and burns due to electric problems must be resolved immediately. The main reasons for such hazards occurring are contacting electric cables or worn cable insulation.

Mechanical Hazards

Mechanical hazards may occur during maintenance, fault or cleaning.

To prevent this risk:

- Ensure that personnel are properly trained on possible hazards.
- Always turn off the machine at the power source before any maintenance or cleaning is performed. Include warning signs and notices to ensure this is followed.
- Switches should be in the 'OFF' position when the machine is not in use.

Safety Precautions:

- Do not use electric cables without insulation.
- Prevent direct contact with electric cables.
- Do not leave out open cable ends.
- Overloading protectors should be used if required.
- Ensure the machine is electrically grounded.

WARNING! The Wespy Manual High Pressure Parts Washer warranty is void if the manual instructions are not followed!!

6. OPERATING INSTRUCTIONS

Please follow the directions below to use the machine.

On the control panel:

- Press the emergency stop button on the top of the control panel to open main switch if it has been closed.

For filling with water and degreaser:

- Open the cover and fill the tank with water to the upper level of the heat resistors.
- Add the degreaser or cleaning agent.

Set Heat:

- Turn heating knob to the right and start heating process.
- Set the machine to the desired temperature by clicking the up and down arrows on the temperature control.
- Wait until the water reaches the set temperature.

Running Cleaning Cycle:

- Put the parts to be cleaned in the cabin and close the cover.
- Turn pump knob to the right to open it.
- Check the temperature through the digital screen. Once it reaches the desired temperature, put on the gloves. Press the water gun trigger.
- Put your foot on the foot switch press it to release water. The pump will start spraying water.

After the washing time is completed:

- Use the air gun to dry your cleaned parts.

WARNING! ** Parts washing machines will be out of warranty if operations against the operating instructions are performed.

7. PERIODIC MAINTENANCE REQUIREMENTS

The machine must be maintained following the steps below to ensure efficient operation of the washer, as well as to prevent possible accidents.

Discharge the Water:

- Disconnect the power.
- The tank water discharge valve is found at the left side of the machine. Discharge the water once it has become too dirty. Then you can fill with clean water and detergent again.

Clean the Machine:

- Clean the nozzle hole with a needle or thin equipment as small particles can block the nozzle hole.
- Take out the filters and clean them with water. Then reassemble the filters into the water tank again.
- There must be some water in the tank. The water's temperature can be cold.
- Connect the machine to the power.
- Close the machine's cover.
- Press foot switch to start pumping water for a maximum of 1 minute.
- Check the pumps. If the pump has water leakage, change the seals from inside the pump.

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