SPRAYING MACHINE

TWO-COMPONENT SPRAYING MACHINE

Electric / Petrol Engine

Product description

Driven by a three-phase electric motor rated at 1,450 rpm, with a 400 V, 50 Hz power supply, 4 kW output and maximum current consumption of 9 A.
The motor is fitted with a reduction gearbox that drives two pumps in tandem. Reduction ratio: 1:2.85.
Alternatively, the unit may be powered by a petrol engine.

Pump Models AR50 | AR30

- ✓ Each pump is fitted with a GI40 pressure regulator.
- ✓ The pump must be connected to a main electrical panel equipped with a residual-current device (RCD) and protection against overload and short circuit.
- ✓ Do not connect the unit to a power supply that is not equipped with the above-mentioned protective devices.



SPRAYING MACHINE

Safety, Operation and Maintenance Instructions

Warning

- ✓ Exercise zextreme caution when handling the machine and its accessories.
- ✓ Do not stand beside or above the machine while it is operating.
- ✓ Do not dismantle or open any part of the machine.
- ✓ Do not operate the machine with a damaged power supply cable.
- ✓ Ensure that the power supply cable and hoses are routed through protected areas.
- ✓ Position the machine in a covered, shaded and well-ventilated area, protected and away from people.
- ✓ Do not drive over or step on electrical cables or hoses with any vehicle or equipment, even when they are not in use.
- ✓ In the event of improper operation or a machine malfunction, stop work, switch off the machine and contact a service technician.
- ✓ Do not stand beside or in front of the pump head or pressure accessories while starting or operating the pump.
- ✓ The pump may only be operated by properly authorised personnel.
- ✓ Frequently check the condition of the pressure hose, pressure connections, pressure regulator and its connections.

Checks Before Operation

- ✓ Check that the oil level in the pumps and gearbox is correct, that the oil colour is normal and that the oil is free of dirt and water.
- ✓ The oil level must be checked at the beginning of every working day, before starting the unit.
- ✓ If oil is low, top up as follows:
  Pump oil: SAE 30W
  Gearbox oil: SAE 90
- ✓ Ensure that the pressure hose and pressure outlet are intact, in good condition and properly connected to the machine.
- ✓ Ensure that the feed hoses are connected to the pumps.
- ✓ Check the suction filter and clean it if necessary.
- ✓ Check and ensure that there are no leaks from the pressure connections or from the pressure and suction lines.
- ✓ Ensure that the power supply cable and plug are intact and in good condition.

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Safety, Operation and Maintenance Instructions

Operation

- ✓ Press the black start switch on the control panel.
- ✓ If the machine does not operate correctly, switch it off and identify the cause.
- ✓ Do not continue operating the machine if it is malfunctioning, if unusual noises are heard or if any similar irregularity occurs.
- ✓ Continuing to operate a malfunctioning machine may cause severe damage to the machine and/or endanger human life.

Shutdown

- ✓ Press the red button on the machine switch.

Proper Operating Procedures

- ✓ Do not direct the pressurised water jet at people or at anyone who may be injured.
- ✓ The water jet is extremely powerful and may cause severe bodily injury.
- ✓ Before carrying out any work on the machine, disconnect the power supply cable from the main electrical panel.
- ✓ Do not spray the machine or allow it to become wet at any time. Clean the machine using a cloth only.
- ✓ Upon completion of the work, disconnect the machine from the main electrical panel.

Pump Maintenance

- ✓ Check the oil every day before operation. If the oil level is low, top it up.
- ✓ Perform the first oil change after 50 operating hours.
- ✓ Change the oil every 500 operating hours.
- ✓ Oil type: high-quality SAE 10W40- engine oil.
- ✓ The electric motor is supplied with thermomagnetic motor protection against overload and phase loss.
- ✓ Maximum motor current consumption: 9 A at 400 V.

Troubleshooting

- ✓ Clean the water filter and verify that the mains water pressure is correct.
- ✓ In the event of irregular pump operation, leaks, vibrations in the pump or pressure line, pressure-gauge needle fluctuations, or leaks at the pressure outlet, pressure regulator, pressure connections or suction connections, stop work and contact the supplier to identify the fault.
- ✓ If the motor protection switch trips and shuts down the motor, identify the cause and correct the problem before resuming operation.
- ✓ Do not make any modifications or adaptations to the machine without the manufacturer's approval.

For Safety detailed instructions please refer to Pazkar's safety sheets (MSDS)

Warranty
Pazkar's products are manufactured to rigid standards of quality. Pazkar makes no representations or warranties with respect to the accuracy or completeness of the contents of this publication and reserves the right to make changes to specifications and product descriptions at any time without notice. Users must always refer to the most recent issue of the local product data publication for the product concerned. The user of the product must test the product›s suitability for the intended application and purpose. Due to differences in materials, substrates and site conditions Pazkar assumes no liability whatsoever, and disclaims any express or implied warranty, relating to its products including but not limited to, the implied warranty of merchantability, fitness for a particular purpose, nor any liability arising from any legal relationship. Subject to our terms and conditions, Pazkar grants a product warranty certificate for specific products, for any further information please contact us at infopazkar@pazkar.co.il. All orders are accepted subject to our current inventory, terms and conditions of sale and delivery.

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