

KNIFE-HOLDER CLEANING MACHINE – Type MC24 – COD. RA00001748



- The machine is designed exclusively for washing knives in knife holders.
- It guarantees a correct level of hygiene.
- Recommended mainly for industries in the food sector.
- Built taking into account the basic concepts of hygiene and safety.

Description of the process:

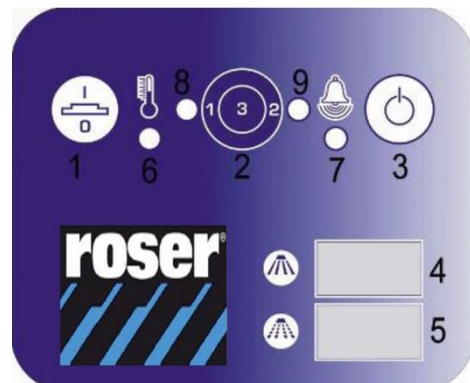
- Washing with pressurized water in a closed circuit, with automatic soap dosage. The application of a soap solution is made, by means of a shower by aspersion.
- Rinsing with network water accumulated in the washing tank, disinfection by means of water spray at 80°C.

Parts of the machine:

The machine is mainly made up of a stainless steel tank with a chamber closed by a door or a hinged one. Inside, a water spray system driven by a centrifugal pump through appropriate pipes.

- Washing water impulse pump (2,9kW).
- Spraying system by means of rotating panels with stainless steel injectors in the upper and lower part.
- Water recovery tank with automatic level control (maximum and minimum) and water inlet electro-valve.

- Filter system: basket filter at the entrance of the wash water accumulation tank and filter at the pump suction to protect the pump and the spraying circuit.
- **Proportional soap dispenser**, sucks in detergent for its dosage in the washing tank.
- Heating system by means of electric resistance (6kW) for the washing water tank. Control by thermostat and temperature probe.
- Heating system by means of electric resistance (6kW) for the disinfection tank (secondary tank) for the rinse water (boiler). Control by means of thermostat and temperature probe.
- Control panel
It includes stop-and-go buttons, cycle start and wash time selector (cycles available 2 minutes, 4 minutes or 6 minutes).
Wash water and rinse water temperature indicators.
- Temperature display and control from control panel by means of temperature regulator, PT100 temperature probe and steam solenoid valve.

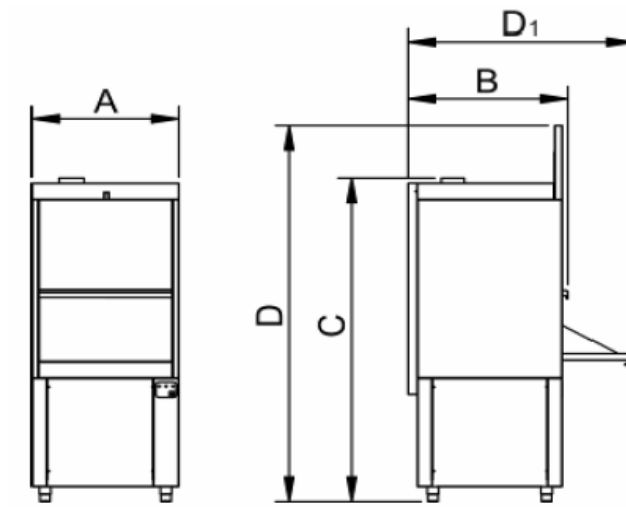


Technical characteristics:

- Construction: Stainless Steel AISI 304.
- Capacity in each wash:
24 ROSER knife holder code 24909.
- External dimensions of the basket: 850x640mm with separations for the placement of the knife holders (on request it can be adapted to the needs of the customer's knife holder, additional cost).
- Washing tank capacity: 53L.
- Water consumption: 6L/cycle.
- Water inlet connection threaded 3/4" male.
- Drainage dimensions: 1_1/2" male thread".
- Support on height-adjustable feet.
- Installed power: 15kW
- Security:
The opening of the door causes the immediate stop of the machine.
The electrical panel is closed in a box, where the electrical circuit of power and control is located. Equipped with protection devices (fuses and thermal) against short circuits and overloads.
The electrical resistances that heat the water in the tank and in the heater have an anti-contact cover.
The control panel is powered by low voltage (5V).

ELECTRICAL SUPPLY: 400V – 50 Hz – 3Ph + N + Gnd (Ask for other voltages and frequencies)

General dimensions:



A (mm)	B (mm)	C (mm)	D (mm)	D1 (mm)
1060	900	1860	2080	1240