



# AUTOMATIC ULTRASONIC DEGREASING MACHINE WITH TOTAL HEAT PUMP

## Mod. 2S 24/12-P-F/T PCT + TA 20/1

- Low energy consumption
- Dimensioni ingombrato contenute
- Tempi ciclo ridotti



The **2S 24/12-P-F PCT+TA 20/1** is our standard version of automatic ultrasonic degreasing machine with Total Heat Pump and Boiling Tank. The machine was specially designed for use with new generation of environmentally-friendly fluorinated solvents, non-ozone depleting and low boiling, which contribute, together with the **Total Heat Pump**, to a considerable reduction in energy consumption.

Actually, the **THP** allows to clean 140 kg/h of contaminated parts using just 3,5 kw/h about of electric power, less than half of that required by a traditional heating system.

The automatic degreaser was designed for the cleaning of parts with significant residuals like oils, greases, inks and polishing or lapping pastes. Small physical size, short cycle times and very little energy for the perfect cleaning.



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### Machine Features:



- \* Tanks construction in stainless steel, thickness 20/10 mm., with TIG welding, pickled;
- \* Distillation and boiling tank with automatic solvent filling/adding directly from the drum;
- \* Immersion ultrasonic cleaning tank with automatic power regulation based on the programmed recipes;
- \* Filtration and recycling system of the solvent;
- \* Pump with collector for discharge;
- \* Cooling coils;
- \* Water separator;
- \* Piezoelectric ultrasonic group (600/1.200 W., 25 o 38 kHz), composed by 1 digital programmable generator and 1 flanged transducer on the bottom of the immersion tank;
- \* Total heat pump;
- \* Automatic tanks cover;
- \* Internal light;
- \* Adjustable feet;
- \* Electrical panel with operator interface;
- \* Construction following European rules CE;
- \* Voltage: 400V 3Ph 50Hz + N + T;
- \* Total electrical power: 3,5 Kw circa;
- \* Tanks dimensions: 400 x 300 x 200 h. mm. circa;
- \* Overall dimensions: 1.705 x 980 x 2.800 h. mm. circa.



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