

Solvent degreasing machines

1÷3S/10÷1000



DBM TECNOLOGIE[®]
Surface treatment systems

Solvent degreasing machines

Solvent degreasing machines
“1÷3S/10÷1000”: High quality cleaning
in full compliance with environment
protections rules by use of the new
HFE or HFO solvents.

- Machines with one, two or three treatment baths.
- Baths volume variable between 10 and 1000 liters.
- No special permit required when working with type HFE or HFO solvents.
- High quality cleaning and effective in removing soil from complex-shaped components with blind and/or capillary holes.
- Reduced footprint.
- Possibility of choice between several optional systems (solvent distillation system, automated baskets loading/unloading, automatic solvent refill system...)
- Low economic impact.
- Compliance with the most stringent safety and environment protection regulations.



DBM Technologie s.r.l. is glad to present on the market the «1÷3S/10÷1000» series degreasing machines with the above mentioned characteristics.

These machines, entirely made of AISI 304 or 316L stainless steel, can perform several type of processes with the use of a single or multiple bath configuration.



Ultrasonic technology: perfect cleaning thanks to high frequency sound waves.

The «1÷3S/10÷1000» machine is able to reach any cavity: the ultrasonic system allows for removal of soil even from the toughest components to clean. Thanks to the ultrasonics, the solvent is able to penetrate capillary holes thus ensuring that soil is removed by the mechanic action generated by the high frequency sound waves. These high frequency sound waves, while propagating in a liquid media, produce the “cavitation” effect which is extremely effective in surface cleaning operations.

Reduced emissions to the air: respect for the environment and benefits for the end-user.

The «1÷3S/10÷1000» series machines are safe and reliable as far as the environment protection is concerned.

The peculiar closed circuit solvent condensation system is able to reduce at the minimum solvent losses to the atmosphere. The presence of covers for the baths, which can be automated, help to further reduce solvent emissions.

Low consumptions / reduced expenses.

The «1÷3S/10÷1000» series machines guarantee very low electric energy consumption for heating thanks to the installation of an effective thermal insulation layer on all heated baths.

High productivity.

The degreasing machine can treat one or more baskets per cycle which translates into a very high productivity especially if the machine is fitted with an automatic loading/unloading system which also manage the automatic baths cover operations.





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