

TURBO SMART TS

WE ARE FIRM BELIEVERS IN SUSTAINABLE PROGRESS



In its ongoing commitment to technological research and development, Cattani S.p.A. has taken another step forward with its **Turbo Smart TS**, an advanced technology not only in terms of performance, but also of sustainability and energy savings.

Turbo Smart TS is built with fully recycled or easily recyclable plastics and comes with standard integrated EPA antibacterial filter. All components are equipped with plugs and easily accessible for maintenance and/or repair on site, with no need to move the machine.

As all Turbo Smart models, it features an inverter of latest generation. It also features separate readings of currents on the three phases, power absorbed management, PID-controlled vacuum, switching power supply and the PFC (Power Factor Control) filter. These distinct characteristics allows the machine to save energy up to 30% compared to a single-phase traditional machine*.

Furthermore, the new centrifuge separator, fully redesigned to reduce load losses, and the suction unit fan with high-performing double curvature blades, allow the **Turbo Smart TS** to reduce energy consumption, with equal performance level, by 7% vs the Turbo Smart A version A and by 10% vs the Turbo Smart B version. With equal energy consumption levels, the Turbo Smart TS can increase the number of workstations in contemporaneous use; from 2 to 3 for the Turbo Smart A version and from 4 to 5 for the Turbo Smart B version.

*Comparison between Tecno-Jet and Turbo Smart Ts suction unit in the following working conditions: 18 m³/h flowrate and 130 mbar vacuum.

