

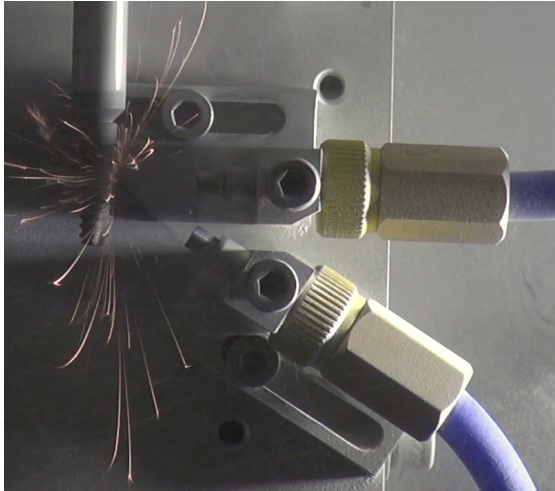
Rotenberg

integrated systems



ST200

PROGRAMMABLE SAND BLASTER



The ST200 system is an innovative solution for medical screws and dental implants texturing using abrasive media blasting.

The machine's operation is fully automated and programmable, using a friendly and easy-to-use touch screen interface.

With an intense and precise blasting, the machine gives excellent results, with minimal blasting material usage.

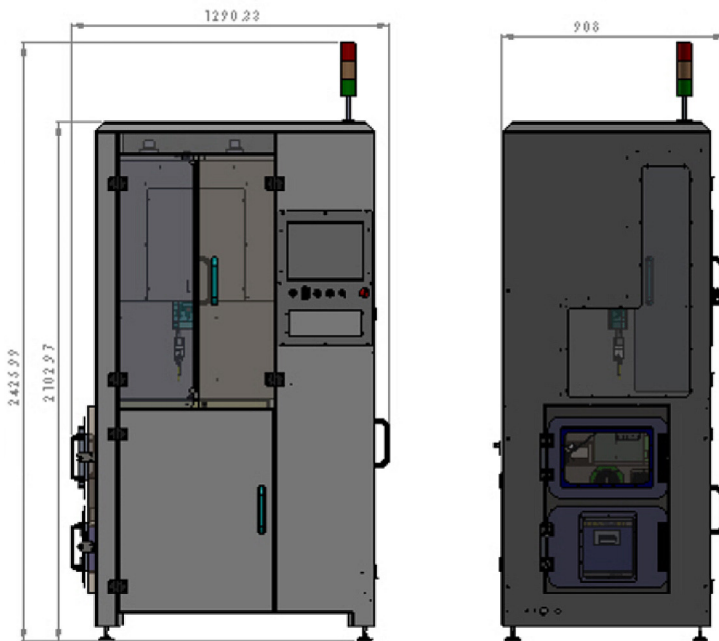
The machine's operation is very quiet and has an advanced air filtration system, which guarantees very clean and quiet operation. This makes the machine suitable, not only for industrial spaces, but for office spaces as well.



Features

- Fully automated operation.
- Fully programmable.
- Unlimited number of blasting programs.
- Economical and efficient blasting material usage.
- Very precise blasting.
- Sharp edge finishing – no need for masking.
- Quiet and clean operation.
- Small dimensions – minimal floor space.
- Easily adjustable blasting nozzles.
- Self cleaning filtration system.





Blasting

- Two micro blasting nozzles.
- 2 liters blasting media tank for each nozzle.
- Option for blasting two different materials one for each nozzle.
- Additional cleaning nozzle.
- Product diameter up to 8mm (can be changed if required).
- LED lit and sealed blasting chamber with replaceable protective plates.
- Cycle time of approx 10-20 sec per implant (can vary depending on blasting program).

Filtration system

- Self cleaning filtration system that includes 2 replaceable cartridge filters and a sub micron HEPA filter. This kind of filtration system guarantees that the system exhaust air is cleaner, and in better quality, than the air in the machine's surrounding.

Servo control

- Full, closed loop, servo control system for all axes.
- Smart table magazine with up to 200 product placements. Axes rapid speeds up to 40 m/min.
- Programmable spindle speed, up to 350 RPM.
- Fully programmable Z-axis for blasting programs.

Air supply

Pressure: 5-7 bar.

Quality:

dried to 250 Fdew point
(200 ppm of moisture)
and oil content filtered to < 10 ppm.

Consumption:

Approx 1.0 m³/min

Power:

380VAC 3 x 16A

Dimensions (W x H x D):

Approx 1290 x 2426 x 908 mm

Weight: 650 kg

Programming

- Unlimited number of blasting programs.
- Standard G-Code programming language.

Control panel

- 15" touch screen.
- Stainless steel keyboard.
- USB port for saving and loading external programs.
- Manual jog switch.
- 3-colors light tower.
- Bright LED lit working environment.

Safety

- Protective transparent doors with sensor

Control.

- Emergency Stop button.

