

Automatic sandblasting machine mod. StarDust

Sturdy steel construction. Possibility of either continuous sanding, single-zone or by zone, with different built-in sanding cycles and double automatic sanding cycle. N°1 manual gun with automatic pedal and N° 2 automatic guns. Vertical sliding of sandblasting guns on ball bearing guide with motor and gearmotor, with speed regulation by inverter. Visualization and setting of working parameters via touch screen, in English language. Equipped with glass drive carriage on belt in P.U., motor and gearmotor. Megadine toothed belt in P.U. and Linatex 3 mm, channeled on a polizene guide. Electronic adjustment of the belt sliding with Inverter. Adjustable system to perform variable depth engraving jobs. Capacitive sensor for detecting glass at the entrance. Electronic adjustment of the belt sliding with Inverter. Inductive safety sensors and system that prevents the doors from being voluntary or accidentally opened. Hermetic closures with anti-abrasion rubber and strip brushes. The machine is equipped with six self-cleaning antistatic filtering sleeves using a venturi back pressure system. External filter for micro-powders added to existing filters. Automatic pneumatic system for shaking the filters. CE certificate of conformity and manual of use and maintenance.



Technical Data:

Max Glass height:	1800 mm
Speed:	4-5 m ² /min
Thickness:	3-40 mm
Min. Dimension:	300x300 mm
Air Pressure:	6/7 bar
Air Consumption:	1400 L/min
Aspirator flow rate:	500 m ³ /h
Noise level:	< 85 dB
Power:	3,3/4 Kw
Voltage:	400 V – 50 Hz
Weight:	850 Kg
Dimensions (LxWxH):	5600 x 1600 x 2600 mm.

Description:

- Sand aspiration system by Venturi effect
- Sandblasting with N°2 automatic guns and N° 1 manual gun



- The sand is recycled inside the tank underneath the machine

- The sand dust is aspired with the glass dust and filtered in the back of the machine



- Up to N° 3 air filters for the dust recycling
- Lateral racks with anti-scratch wheels for glass transporting inside the sandblasting box.
- Glass movement by belt and gear-motors
- Brushless motor for precise movement



- Tank for the collection of dust on the belt



- Auto-cleaning system of belt and mechanical parts



- Sensor for automatic detection of glass length. By this sensor the machine start to sandblast, according to pre-set values, for all the glass length.



- The sandblasted glass is moved automatically to the end of the output rack.
- Easy use software with many sandblasting functions. Touch screen. Multi-area sandblasting.



- On the operator panel there is a selector for the exclusion of the limit switch on the output rack, in this way is possible to sandblast longer glass. The operator must stop the machine after sandblasting operation.