

SMART S600-23 Plus Single-Side Edge Bander



MACHINE FEATURES

MAIN FEATURES:

- Machine structure in ribbed electrically welded steel, to grant high rigidity.
- The machine has a compact design is versatile and user friendly.
- Rise of the top groups linked to the top pressure bar. The new pressure beam is completely redesigned with a new intermediate column support. Reading slip is through an analogue position indicator.
- The machine is equipped with two cabins protecting the glue tank and the motors with tools; wide openings and an internal light allow excellent view of the inner parts. The machine is also equipped with a safety micro switch. The new windows are added 65% of view.
- Centralized suction with Ø 150 mm connector.
- Dedicated centralized suction with Ø 150 mm connector for pre-milling unit.
- Pre-equipment shaving box used for radius and flat scraping with Ø 150 mm connector.
- Extensible panel support when machining large panels.
- Built-in electrical cabinet with main switch.
- All motors turn at 12,000 RPM and are controlled by an inverter of suitable power according to machine configuration.
- Emergency mushroom buttons placed at the entrance and exit of the machine.



Panel thickness	10 - 80 mm.
Panel width	min. 60 mm
Edge height	15 - 85 mm.
Edge thickness	0.4 - 8 mm.
Feed speed	10-20 m/min
Capacity of glue pot	3.00 Kg.
Voltage	230/400 V 50/60 Hz - 3 Ph + N
Minimum panel length	140 mm (PVC)
Pneumatic power	6 bar
Weight	1700 Kg.
Dimensions of machine	5500 m
Working temperature (room)	Min. 15 °C / Max 45 °C (Min. 59 °F / Max 113 °F)

STANDARD FEATURES:

- 12" LED color touch screen
- Revolving longitudinal coil holder (Ø800)
- Loading device
- 3kg glue tank
- Automatic loading device
- Pressure rollers for straight edges
- 3mm shear
- End trimming unit (2.0)
- Rough trimming / bevel trimming unit (RF S/S)
- Edge scraping unit (RB/S)
- Tilting brushing unit (GSI/S)
- Box for shavings
- Hot air blowers (GP/S)
- Edge scraping unit blower (S-RB/S)
- Eco mode system
- Pneumatic exclusion of the end trimming unit (INT/2S)
- Trimming/beveling-chamfering unit - RF S/S pneumatic exclusion
- Corner rounding unit (Syncro 1; patented)
- 2.2+2/2 Kw Ø100 pre-milling unit (RT/S)
- NC-positioning of top pressure beam
- Soundproof booth with LED interior lighting
- Automatic track lubrication



OPTIONAL ACCESSORIES:

- 1kg extra glue tank w/quick-release system (VC1)
- 2kg extra glue tank w/quick-release system (VC2)
- 3kg extra glue tank w/quick-release system (VC3)
- Reverse unit
- Spray cleaning unit
- Heated glue roller
- Pneumatic exclusion of glue pot
- RB/S edge scraping unit pneumatic exclusion
- Pneumatic exclusion for top & bottom glue scraping
- IR lamp
- Glue scraping unit (RC/S)
- End trimming unit pneumatic tilting (INT 2/S)
- System with special release agent (RT/S)
- Universal gluing unit (GI/U -- patented)
- Pre-equipment for universal gluing unit
- Cleaning bench for quick-release glue tank
- NC-positioning of the pressure roller unit
- Smart top & bottom rough trimming unit (R S/S)
- Mechanical & pneumatic loading panel safety
- External glue loading device for pre-melting unit
- Glue scraper RC-AA/S complete of system for applying liquid cleaner
- RF S/S rough trimming / bevel trimming unit; 2-axis numerical controls
- RF S/S rough trimming / bevel trimming unit; 6-axis numerical controls
- RB/S edge scraping unit; 4-axis numerical control
- 2-axis NC-controlled corner rounding unit
- NC-controlled infeed guide
- Nesting set up for trimming/beveling chamfering unit (RF S/S)
- Nesting set up for RB/F edge scraping unit
- Nesting set-up for top & bottom rough trimming unit
- Glue roller programmable stop at end of work piece
- Fusion-gluing unit for polymerized-coextruded edges
- Edge presence safety device
- Automatic program configurator bar code
- Automatic edge loading device
- Automatic closing of the glue doser (ACS)
- Large fixed roller table for large/heavy panels
- Small sized panel infeed unit
- PC with 16" LED color touch screen
- Industry 4.0 package