SANDING MACHINES

Sanding Machines

SP 1000

The SP 1000 is a brush sanding machine for raw wood and primer sanding on rustic and CNC-carved surfaces. It is available in a 2-unit version, with a disc brush unit and a cylindrical brush unit, and in a 3-unit version, with an additional cross-brush sanding unit. It processes workpieces 50–1000 mm wide, 6–80 mm thick and at least 350 mm long.

MODEL SP 1000

1000 mm	6–80 mm	8.5 m/min	P40–P600
MAX. WORKPIECE WIDTH	WORKPIECE THICKNESS	MAX. FEED SPEED	ABRASIVE GRITS



/ Application & Use

The SP 1000 uses sanding brushes to prepare surfaces before priming and to sand primer coats. Applications include rustic and CNC-carved surfaces. The machine is available in two versions: the 2-unit version has a disc brush sanding unit with eight disc brushes arranged asymmetrically and a cylindrical brush sanding unit with two cylindrical brushes rotating in opposite directions; the 3-unit version additionally has a cross-brush sanding unit.

The working position and rotational speed of each sanding unit are steplessly adjustable. Abrasive type and grit are selected to suit the material, profile and finishing stage within the stated P40–P600 range. The workpiece is carried through the machine on a conveyor belt at a maximum feed speed of 8.5 m/min and is held down by spring-loaded pressure rollers.

/ Key Features

- Workpieces 50–1000 mm wide, 6–80 mm thick, min. 350 mm long
- Two versions: with 2 or 3 sanding units
- Stepless adjustment of working position and rotational speed on each unit
- Usable abrasive grits P40–P600
- Maximum feed speed 8.5 m/min
- Total required extraction airflow 3500 m³/h

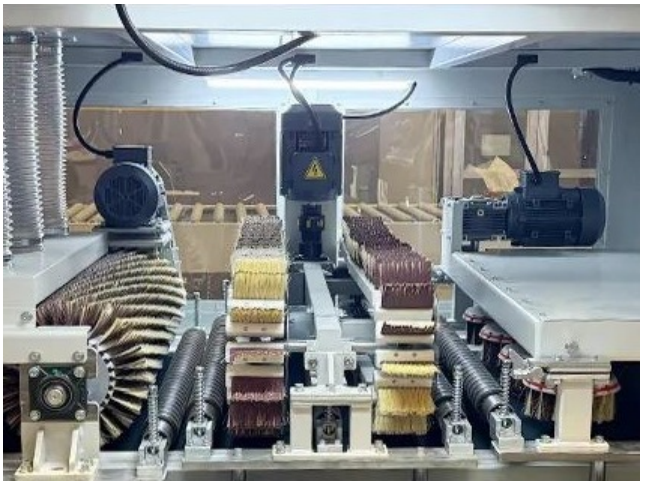
/ Standard Equipment

- Disc brush sanding unit: 8 disc brushes, asymmetric arrangement
- Cylindrical brush sanding unit: 2 brushes rotating in opposite directions
- 3-unit version: additional cross-brush sanding unit
- Conveyor belt feed
- Spring-loaded pressure rollers
- Control panel with display and emergency stop

/ Machine Details



DISC BRUSH SANDING UNIT OF THE SP 1000



SANDING UNITS INSIDE THE SP 1000 (3-UNIT VERSION), WITH THE CROSS-BRUSH UNIT

/ Technical Data

Model	SP 1000
Machine type	**Brush sanding machine**
Workpiece width, min.–max.	**50–1000 mm**
Workpiece thickness, min.–max.	**6–80 mm**
Minimum workpiece length	**350 mm (no maximum length stated)**
Number of sanding units	**2 or 3 (depending on version)**
Sanding units: type and arrangement	**2-unit version: disc brush unit (8 disc brushes, asymmetric arrangement); cylindrical brush unit (2 brushes rotating in opposite directions). 3-unit version: additionally a cross-brush sanding unit**
Disc brushes: number and diameter	**8**
Cylindrical brushes: number and dimensions	**2, rotating in opposite directions**
Unit adjustment: position and contact pressure	**stepless adjustment of the working position, on each unit**
Brush rotational speed / abrasive belt speed	**steplessly adjustable, on each unit**
Usable abrasive grits	**P40–P600**
Feed system	**conveyor belt**
Feed speed	**max. 8.5 m/min**
Workpiece hold-down system	**spring-loaded pressure rollers**
Control system	**control panel with display and emergency stop**
Dust extraction: connections and requirements	**total required airflow 3500 m³/h**
Overall dimensions (L × W × H)	**2650 x 1800 x 1780 mm**

/ Versions

	2-unit version	3-unit version
Sanding units	**2**	**3**
Disc brush unit (8 disc brushes)	**yes**	**yes**
Cylindrical brush unit (2 brushes)	**yes**	**yes**
Cross-brush sanding unit	**—**	**yes**

Specifications as stated in the technical documentation. The supplied version, configuration and installation requirements are specified in the quotation. Technical changes reserved.

SUPPLIER

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