



WELDING
AUTOMATION



PA 2001

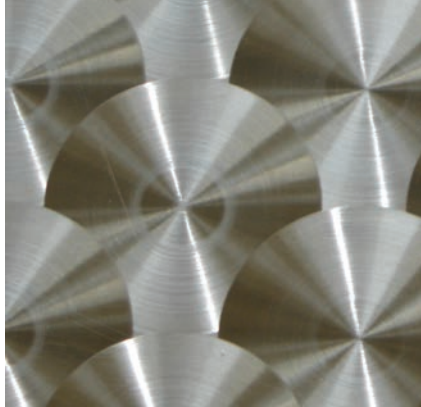
AUTOMATIC POLISHER

AVP

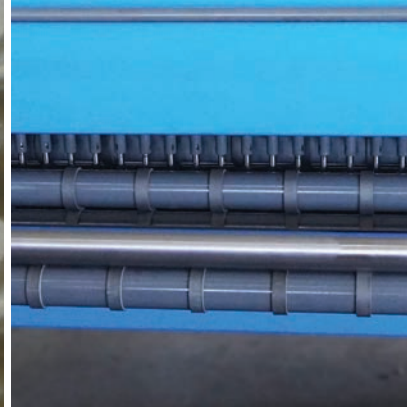
AUTOMATIC POLISHER: PA 2001



PA 2001

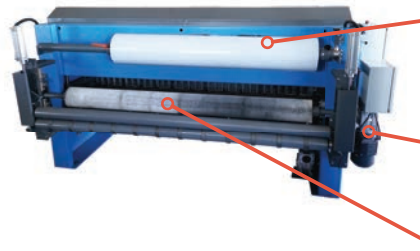


DECORATIVE PATTERN



PA 2001 (rollers)

Polishing width		2000
Device length	mm	2500
Device width		2500
Quantity of whetstones		31
Whetstone diameter	mm	max. 60
Voltage rating	V/Hz	400V/50Hz
Power	kW	10
Air connection		1/2" ; 6 bar



Mechanism for automatic foil adding/gluing

Cleaning speed can be adjustable

Brush for dust cleaning

PA 2001 (cleaning and gluing equipment - optional)

DESCRIPTION:

The Automatic Polisher PA 2001 is a machine for the decorative surface treatment of metal sheets. It achieves high-quality surface finish using rotating abrasive whetstones. It uses a process of surface treatment of sheet metal from various materials, most times stainless steel.

The machine is equipped with four electric motors that drive the rotating whetstones. Each motor controls a section of the machine, and **each section can be turned off individually**. The standard section width is 500 mm. **The spindles feature attachments for abrasive heads, incorporating special springs for adjusting the abrasive heads to varying levels of wear.** The steel sheet is automatically fed through the machine, while the whetstones move laterally and rotate to create the desired pattern on the surface. Sheet metal movement through the machine is achieved by two pairs of vulcanized rollers. The polishing speed varies depending on the decorative pattern settings and ranges from 0.25 to 0.75 meters per minute. The machine allows for use of whetstones with a diameter of up to 60 mm, offering different granulations depending on user requirements.

The machine is equipped with sensors that detect the input and output of the sheet metal, enabling automatic operation. With additional equipment, the machine can automatically load and unload sheet metal and apply a protective PVC film to the treated surface. Additional features such as an input and output table and a suction system for cleaning generated dust can be added to the machine.