



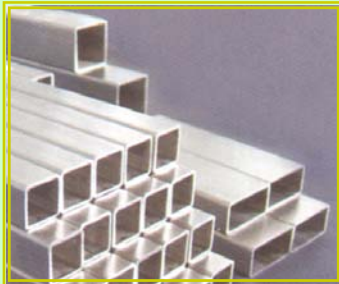
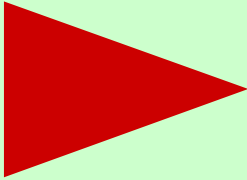
BOSSI

S.r.l. - Macchine Finitura Metalli

MACHINES FOR METAL SURFACE FINISHING

**FLAT GRINDING/
POLISHING MACHINES
FOR SQUARE/RECT.
PIECES**

MOD. RSP 400/3000



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FLAT GRINDING/POLISHING MACHINES MOD. RSP 400/3000 FOR SQUARE/RECTANGULAR PIECES

Machine designed for satin-finishing and polishing square/rectangular pieces.

The great flexibility and versatility of the machine allow the user to obtain, thanks to the variation of cutting speeds, different types of finishing by using many types of abrasive belts and brushes or mops.

Base and structure of the machine are made of steel, properly dimensioned, in order to guarantee rigidity and lack of vibrations.

The working unit is mounted on a device provided with a special mechanism which assures the maximum rigidity and at the same time a great smoothness of movements, characteristics which last in the time without need of maintenance.

Equipment for wet working complete with electropump, adjustable nozzles for coolant distribution, decantation tank separated from the machine for an easier cleaning; dry working in case of polishing.

Machine front protections against accidents, complying with CE norms.

Our machines can be complete with automatic loader/unloader, inlet/outlet roller conveyors, automatic turnover device, return conveyor belt.

Detail of piece translation system from working conveyor belt to return belt



Detail of working area

FLAT GRINDING MACHINES MOD. RSP 400/3000

TECHNICAL DATA

• Working capacity	mm. 150/200/300/400 or 500 x 150/200/300 h.
• Abrasive belt sizes	mm. 3000 x 150/200/300/400 or 500
• Contact roll	Ø mm. 400 x 150/200/300/400 or mm. 200 x 500 (other diameters are available according to requirements)
• Abrasive belt motors	from 7,5 up to 15 kW
• Feeding speed	from 2 up to 20 mt/min. (optional: adjustment by inverter)



Grinding/polishing machine
with 3 belt units + 2 mop units



Detail of independent pressing
group

The number of units depends on the type of working to be made.
 As the machine is modular, it is possible to add other working units afterwards.
 The machine can be used for different applications such as grinding or polishing of
 tubes, flat bars, shaped sections and sheets made of stainless steel, iron, aluminium,
 copper, brass, etc.

The machine can be also combined with brushing/polishing units (see photo on the
 side).



The model RSP is also available with opposite units for
 simultaneous working on two sides of square/rectangular pieces
 with a minimum length of 2 meters.