



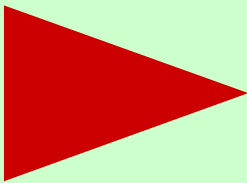
# BOSSI

S.r.l. - Macchine Finitura Metalli

MACHINES FOR METAL SURFACE FINISHING

**BRUSHING /  
POLISHING MACHINE  
FOR FLAT  
SURFACES**

**MOD. MULTIPLA UO**



## ***BRUSHING/POLISHING MACHINE MOD. MULTIPLA UO***

The model Multipla UO is suitable for working flat parts, such as sheet, plates, sections, frames, etc.

The use of this machine is necessary where the piece dimensions or particular production requirements make the use of traditional machines for flat finishing inefficient.

The machine is composed of a table made of plate, properly dimensioned, in order to assure rigidity and lack of vibrations to all the structure.

The pieces support table is installed in the fore side; it is provided with pneumatic release at working cycle end.

In the rear side of the table, it is mounted the polishing units carriage which slides on steel longitudinal guides by adjustable bearings, stroke and speed are adjustable. The number of working strokes is automatically adjustable; at working cycle end, the carriage moves laterally in order to allow an easy unloading and loading of pieces.

The polishing rolls are mounted on slides with vertical sliding, largely dimensioned and motorised, for allowing the polishing mop wear compensation (on request, this movement can be automatic by electronic device).

The polishing mop spindle shaft is easily replaceable for allowing a quick change of mops.

Feeders for solid abrasive compound, or liquid abrasive compound with high pressure spray guns and storage bins, with feeding device mounted on carriage with transverse movement in order to cover all the width of the mop; the feeding frequency and time are automatically adjusted by timer.

Electronic control of working cycle by PLC SIEMENS S7.

The machine is available with different working capacities depending on requirements.



Electronic control by PLC

BOSSI S.r.l. -  
Macchine Finitura Metalli  
Via Dante 63  
20081 ABBIATEGRASSO (MI) - ITALY

Tel.: +39-02-94964141  
Fax: +39-02-9466265  
e-mail: [info@bossi-srl.com](mailto:info@bossi-srl.com)  
<http://www.bossi-srl.com>



Details of mops carriage

## BRUSHING/POLISHING MACHINE MOD. MULTIPLA UO

### TECHNICAL DATA

<ul style="list-style-type: none"> <li><b>Working capacity:</b> Mod. M 600/1100-2000 Mod. M 600/1100-3000 Mod. M 600/1100-6000</li> </ul>	<ul style="list-style-type: none"> <li>mm. 1100 x 2000 x 150 h.</li> <li>mm. 1100 x 3000 x 150 h.</li> <li>mm. 1100 x 6000 x 150 h.</li> </ul>
<ul style="list-style-type: none"> <li><b>Polishing mop dimensions</b></li> </ul>	<ul style="list-style-type: none"> <li>Ø mm. 600 x 1100</li> </ul>
<ul style="list-style-type: none"> <li><b>Hydraulic mops oscillation</b></li> </ul>	<ul style="list-style-type: none"> <li>max. stroke mm. 60</li> </ul>
<ul style="list-style-type: none"> <li><b>Mops motors</b></li> </ul>	<ul style="list-style-type: none"> <li>kW 18 - 4 Poles</li> </ul>
<ul style="list-style-type: none"> <li><b>Carriage feeding speed</b></li> </ul>	<ul style="list-style-type: none"> <li>2 ÷ 10 mt/min. (stepless variation)</li> </ul>

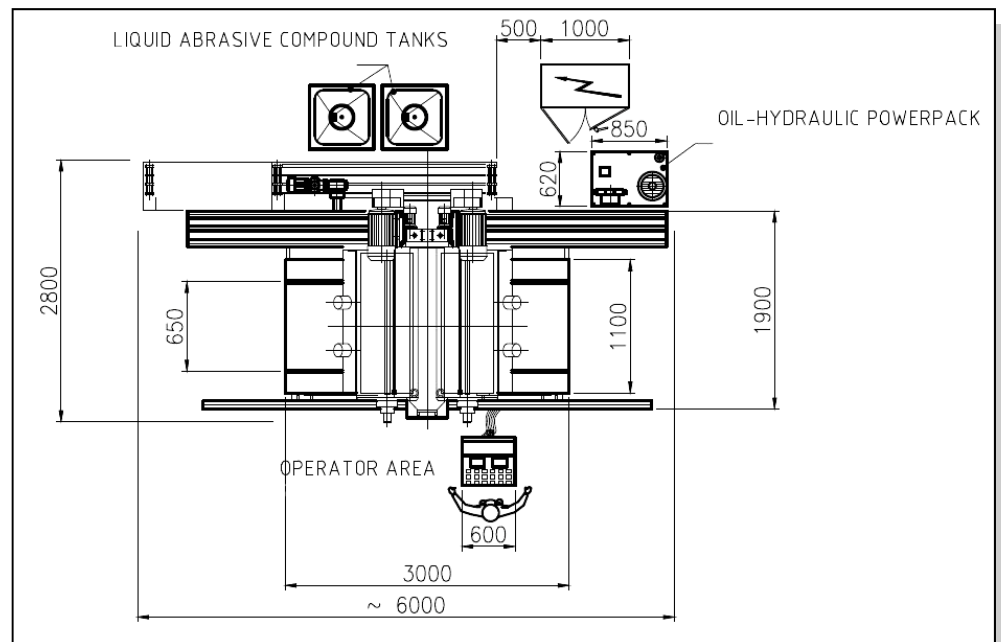


Storage bins for liquid abrasive compound



Press for assembling the polishing mops, with pneumatic control

### LAY-OUT



Top view with overall dimensions of a machine Mod. M 600/1100/2UO-3000