



BOSSI

S.r.l. - Macchine Finitura Metalli

MACHINES FOR METAL SURFACE FINISHING

**CENTRELESS
GRINDING / POLISHING
MACHINES
FOR CYLINDRICAL
SURFACES**

**MOD. CPS 400/3000
AND
MOD. CP 500**



CPS 100



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
<http://www.bossi-srl.com>

Grinding line Mod. CPS 400/3000/6U with 6 belt units, complete with automatic loader, inlet / outlet roller conveyors, automatic unloader and tube wrapping line



CENTRELESS GRINDING AND POLISHING MACHINES FOR CYLINDRICAL SURFACES

The traditional centreless machines for grinding and polishing tubes, bars and cylindrical parts with small - medium diameters, available in various configurations for meeting the different working requirements.

The model CPS 400/3000 is used for wet grinding by means of belt units, whereas the model CP 500 is provided with mop units for dry polishing with the addition of solid or liquid abrasive compound.

Our production also includes the model CPS 100, the smallest of our range, for diameters from 6 up to 80 mm.

The machines can be provided with different piece driving systems, automatic devices for loading and unloading, electronic control by PLC, protections against accidents or soundproof cabins complying with CE norms and automatic tube wrapping lines.

Detail of the grinding unit working with abrasive belt



Detail of mop unit, aluminium roller conveyor along the machine and pinch-roll with double wheel

CENTRELESS GRINDING AND POLISHING MACHINES FOR CYLINDRICAL SURFACES



V-guides, covered with bristles against scratches, with upper holding blades



PIECE DRIVING SYSTEMS

Vibration conveyors for very short pieces



Compass roller conveyors Mod. L, with rolls Ø 70 mm. and motorised pressing roll with double wheel



Revolver loader for pieces with small diameters



Hopper loader for medium-short pieces



Unloader for medium-short pieces



Automatic bundle loader and roller conveyor Mod. H made of aluminium for pieces with lengths from 3 up to 8 meters



PIECE LOADING AND UNLOADING SYSTEMS

Automatic unloader with table



Unloading table covered with bristles against scratches



Filtering group for the emulsion

TECHNICAL DATA

• Working capacity	Ø mm. 10 ÷ 200
• Abrasive belt size	mm. 3000 x 150 or 200
• Contact roll or polishing mop	Ø mm.400 x 150 or 200 Ø mm.500 x 150-200 or 250
• Feeding roll	Ø mm.200 x 150-200 or 250
• Stretcher roll	Ø mm.365 x 160 or 210
• Abrasive belt or polishing mop motor	kW 7,5 – 11 or 15
• Feeding roll motor	kW 0,55 – 4 Poles
• Motorised adjustment of head and feeding group	kW 0,18 – 4 Poles
• Motorised adjustment of support blade	kW 0,12 – 4 Poles

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 - http://www.bossi-srl.com