



BOSSI

S.r.l. - Macchine Finitura Metalli

MACHINES FOR METAL SURFACE FINISHING

**GRINDING AND
POLISHING
MACHINES FOR
CYLINDRICAL
SURFACES**

MOD. F1



Electronic control by PLC
with mobile panel

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

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



GRINDING AND POLISHING MACHINES FOR CYLINDRICAL SURFACES MOD. F1

This model has been specially designed for grinding and polishing cylindrical surfaces made of ferrous (steel – stainless steel) and non-ferrous material (aluminium, brass, synthetic materials, cardboard).

The working units operate above the piece which is supported by a roller conveyor.

All the structure of the machine is particularly rigid and designed in order to eliminate any source of vibration.

Working is made by abrasive belts and/or polishing mops.

Control and feeding of piece is made by pinch-rolls controlled by gear motors; stepless adjustment of feeding speed by inverter.

All the mechanisms are protected with fixed and movable parts; a better cleaning of the machine is obtained by self-washing system which can be used by the operator according to his requirements.

Automatic compensation of working pressure.

Centralised greasing equipment (manual or automatic).

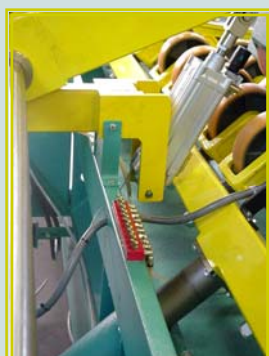
Electronic control of working cycle by PLC, with automatic positioning.

The machine is provided with soundproof cabin and it is supplied completely in conformity with CE norms.

Detail of belt grinding unit, with self-washing system (shower type)



Detail of pressing roll



Detail of grease distributing system (manual version)



Filter fabric cleaner for working slurries



GRINDING AND POLISHING MACHINES FOR CYLINDRICAL SURFACES MOD. F1

TECHNICAL DATA

• Working capacity	Ø mm. 20 ÷ 250 min. length mm. 3000
• Abrasive belt size	mm. 3000 x 200
• Abrasive belt or polishing mop motor	kW 7,5 - 11 - 15 or 22
• Contact roll or polishing mop	Ø mm. 400 x 200 Ø mm. 500 x 200
• Stretcher roll	Ø mm. 365 x 210
• Pinch-roll	Ø mm. 200 x 150
• Pinch-roll motor	kW 0,75 - 4 Poles
• Support rolls	Ø mm. 200 x 45
• Motor for unit lifting/approaching	kW 0,18 - 8 Poles
• Average acoustic level	80 dBA



On the right: detail of the roller conveyor along the machine

Below: machine provided with cabin and air-liquid exhauster placed on the top of the cabin



BOSSI S.r.l. - Macchine Finitura Metalli

Via Dante 63 - 20081 ABBIEGRASSO (MI) - ITALY

Tel. +39-02-94964141 - Fax +39-02-9466265

e-mail: info@bossi-srl.com - <http://www.bossi-srl.com>