



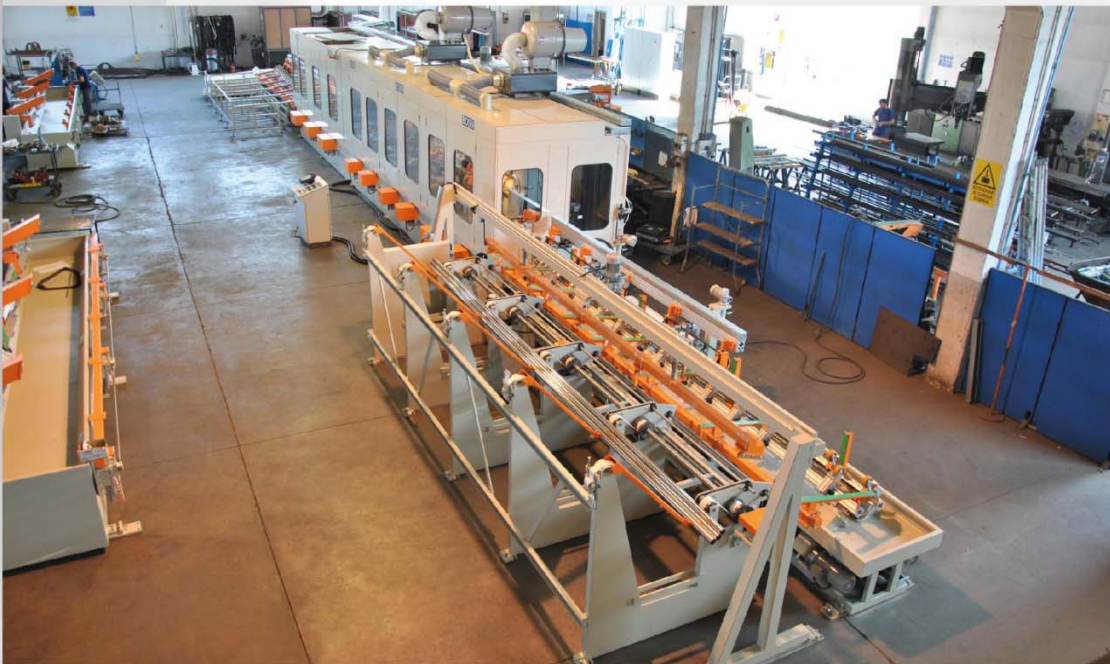
BOSSI

MACHINES FOR METAL FINISHING

GRINDING AND POLISHING MACHINES

FOR CYLINDRICAL SURFACES (SMALL/MEDIUM DIAMETER TUBES AND BARS)

MOD. SF



- **CHARACTERISTICS** • This new model replaces and changes the concept of classical centreless machines for working cylindrical surfaces and it is the result of the long BOSSI experience in this field.
The SF machines include several advantages in comparison with the traditional centreless machines such as: working unit hung in the upper part, by means of a joint system, for avoiding the unit slides to be dipped into water and emery; separation of the parts in motion from the dirty working area; automatic diameter change executed in few seconds; self-washing system for reduction of the idle time; automatic control of working pressure; working speed up to 20 m/min.; reduced overall dimensions; wide working range with possibility of processing diameters from 8 up to 120 mm. and length from a minimum of 50 mm. up to a maximum of 20 meters; some parts of the machine are made of stainless steel as standard.
These machines have been designed for making the operations of satin-finishing, grinding, polishing and brushing, for finishing every metallic material.
The number of working units is always even (that is 2, 4, 6, 8 ...) and it depends on the required finishing level. The equipment can be provided with automatic loading and unloading systems of the pieces to be worked, inlet and outlet roller conveyors or other driving systems, electronic control by PLC.
The machines are supplied in compliance with CE standards, with sound-proof and protection cabin and all the necessary safety systems.
The SF model is equipped with several standard accessories which makes it a high-performing and long-lasting machine.





Working capacity	\varnothing mm. 8 ÷ 120
Abrasive belt size	mm. 3000 x 200 (or 150)
Abrasive belt motors	kW 7,5 - 11 or 15
Contact roll	\varnothing mm. 400 x 200 (or 150)
Feeding roll	\varnothing mm. 200 x 200 (or 150)
Stretcher roll	\varnothing mm. 365 x 210 (or 160)
Feeding roll motor	kW 0,55 - 4 Poles (adjustable by inverter)
Motorised adjustment of head and feeding group	kW 0,18 - 4 Poles
Motorised adjustment of support blade	kW 0,12 - 4 Poles

• TECHNICAL DATA •



BOSSI S.r.l. - Macchine Finitura Metalli
Via Dante, 63 - 20081 Abbiategrasso (MI) - ITALY
Tel.: +39.02.94964141 - Fax: +39.02.9466265
info@bossi-srl.com - www.bossi-srl.com



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