



# BOSSI

MACHINES FOR METAL FINISHING

## LONGITUDINAL BRUSHING / POLISHING MACHINE FOR TUBES MOD. MULTIPLA UV



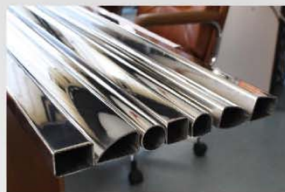
- **CHARACTERISTICS** • This type of machine has been designed for products requiring superfinishing that can't be obtained by the traditional centreless machines.  
With this model it is possible to work pieces with different sections (circular, square, rectangular, elliptical, oval, etc.).  
The pieces to be worked are locked on their ends by tailstocks and mops, working longitudinally to the piece axis, cross the marks of the previous working, by providing a faster and accurate finishing.  
Polishing mops are equipped with solid or liquid abrasive compound feeders, with automatic control of abrasive distribution through the settings entered from the digital keyboard.  
In the functionality of the machine we have included high-tech devices and systems such as brushless motors, worm gears, inverters, etc. that make it a high-performance equipment; the working cycle is electronically controlled by PLC, with the possibility of storing the working parameters of each section and simply recall them when necessary.  
The machine is available in different versions, for tubes with min. length 1000 mm. - max. 3000 or 6000 mm., diameters from 10 up to 80 mm., with 5 or 10 tailstocks and 2 or 4 opposite mops.





Working capacity	$\varnothing$ mm. 10 ÷ 50 with 10 tailstocks or $\varnothing$ mm. 10 ÷ 80 with 5 tailstocks length mm. 1000 ÷ 6000
Polishing mop dimensions	$\varnothing$ mm. 500 x 600
Mop spindle dimension	$\varnothing$ mm. 55
Mop oscillation stroke	mm. 50
Mop oscillation frequency	from 10 up to 50 per min.
No. 4 Mop motors	kW 15 – 4 Poles (adjustable by inverter)
No. 4 Unit lifting/approaching gear motors	kW 0,75 (brushless)
Adjustable speed motor with reduction gear for unit carriage feeding	kW 0,75 (brushless)
Adjustable speed motor with reduction gear for piece rotation	kW 0,75 – 4 Poles
Carriage feeding speed	m/min. 2 ÷ 11
Rotation speed of workpiece spindles	R.P.M. 30 ÷ 80
Driving and free tailstocks for piece clamping	5 or 10
Connections for piece clamping on tailstocks	excluded

• 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

