



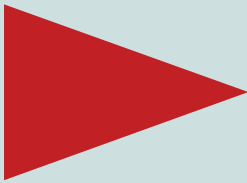
BOSSI

S.r.l. - Macchine Finitura Metalli

MACHINES FOR METAL SURFACE FINISHING

LONGITUDINAL
BRUSHING AND
POLISHING MACHINE
FOR TUBES

MOD. MULTIPLA UV



Electronic control by PLC

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**LONGITUDINAL BRUSHING AND POLISHING MACHINE, WITH 4
OPPOSITE WORKING UNITS, MOD. MULTIPLA 500/500/4UV-6000**

This machine has been designed for products requiring super finishing which can't be obtained by the traditional centreless machines.

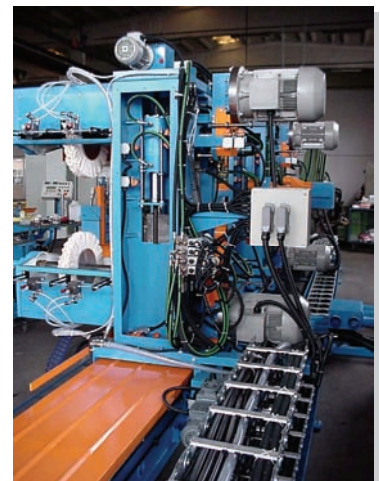
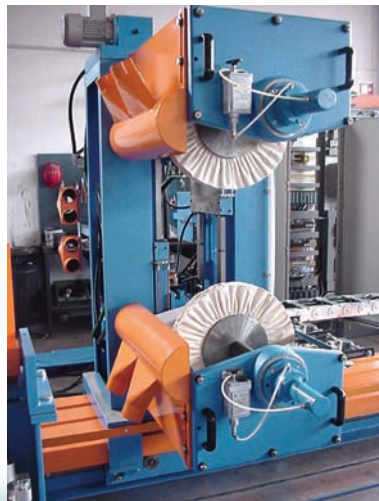
The pieces to be worked are locked on their ends by tailstocks, and tools, working longitudinally to the piece axis, cross the cut of the previous working, assuring a faster and better finishing.

Another characteristic of this machine is the possibility of working pieces both with circular and square, rectangular, elliptical or oval section.

The model is available for working tubes max. 6 mt. long, or max. 3 mt. long; it is also possible to have the version with just 2 working units.

The polishing mops are provided with automatic feeders for liquid or solid abrasive compound. Electronic control of working cycle by PLC SIEMENS S7.

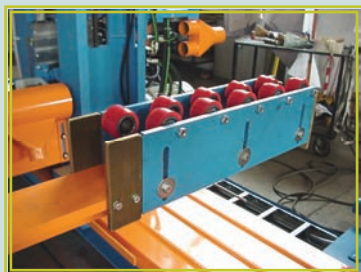
Detail of polishing units group



Rear side of the machine



Group of pneumatic tailstocks



Supporting system for working tubes 6 mt. long



Press for polishing mops assembling, with pneumatic control

LONGITUDINAL BRUSHING AND POLISHING MACHINE, WITH 4 OPPOSITE WORKING UNITS, MOD. MULTIPLA 500/500/4UV-6000

TECHNICAL DATA

• Working capacity	Ø mm. 20 ÷ 80 length mm. 300 ÷ 6000
• Polishing mop dimensions	Ø mm. 500 x 500
• Mop spindle dimension	Ø mm. 55
• Mop oscillation stroke	mm. 60
• Mop oscillation frequency	from 10 up to 50 per min.
• NO. 4 Mop motors	kW 15 - 4 Poles (adjustable by inverter)
• NO. 4 Gear motors for unit lifting/ approaching	kW 0,37 - 4 Poles
• Adjustable speed motor with reduction gear for unit carriage feeding	kW 0,75 - 4 Poles
• Adjustable speed motor with reduction gear for pieces rotation	kW 0,55 - 4 Poles
• Motor of oil-hydraulic powerpack	kW 1,5 - 4 Poles
• Carriage feeding speed	mt/min. 2 ÷ 10
• Jig spindles rotation speed	R.P.M. 10 ÷ 50
• NO. 5 Driving and free tailstocks for locking pieces (optional: possibility of having NO. 10 tailstocks)	
• Connections for pieces clamping on tailstocks	excluded
• Overall dimensions	approx. mm. 2700 x 10700 x 2500 h.
• Weight	approx. Kg. 7800