



BOSSI

S.r.l. - Macchine Finitura Metalli

MACHINES FOR METAL SURFACE FINISHING

**TUBE WELD GRINDING MACHINE
MOD. STP 3000/150/170 COAXIAL INOX
TO BE INSTALLED ON TUBE-MILLS WITH TIG AND LASER WELDING SYSTEM**

NEW



More than 500 units of the standard model sold around the world, with full satisfaction of our customers, have encouraged us to improve this high-performance machine with the production of a stainless steel version for 95% of its components.

With the exception of some parts (such as electric motors, plastic parts, electrical and pneumatic components) that, for manufacturing reasons, can not be made of stainless steel, now the rest of the tube weld grinding machine can be realized in this extraordinary metal that, in addition to being eternal and to lengthen the lifetime of the machine subject to dirt and water, allows to avoid that the worked tube comes in contact with machine parts of different metal, gets contaminated and is corrupted by oxidation or spots on its surface; this phenomenon may in fact give rise to complaints, especially for tubes whose end use is the chemical, pharmaceutical and food industry.

BOSSI has thought of those who have this kind of requirements and problems, giving the opportunity to choose how many and which parts of this machine have to be made of stainless steel. The tube weld grinding machine can also be equipped with automatic greasing system with double pump and double control panel for having the possibility of being installed on any type of tube-mill, in both feed directions of the tube.

**"IN-LINE"
MACHINES**

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Detail of the abrasive belt working on tube external weld bead



Machine internal



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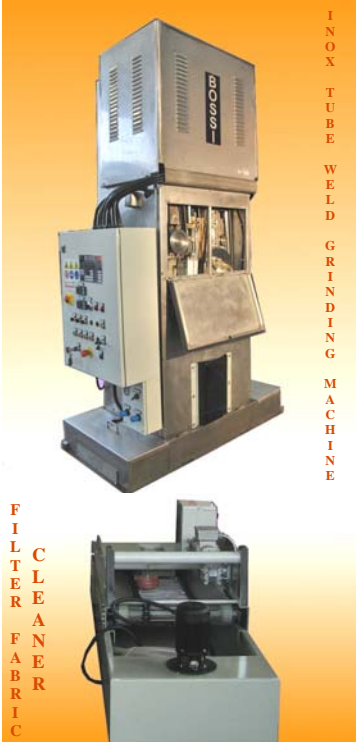
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TECHNICAL DATA

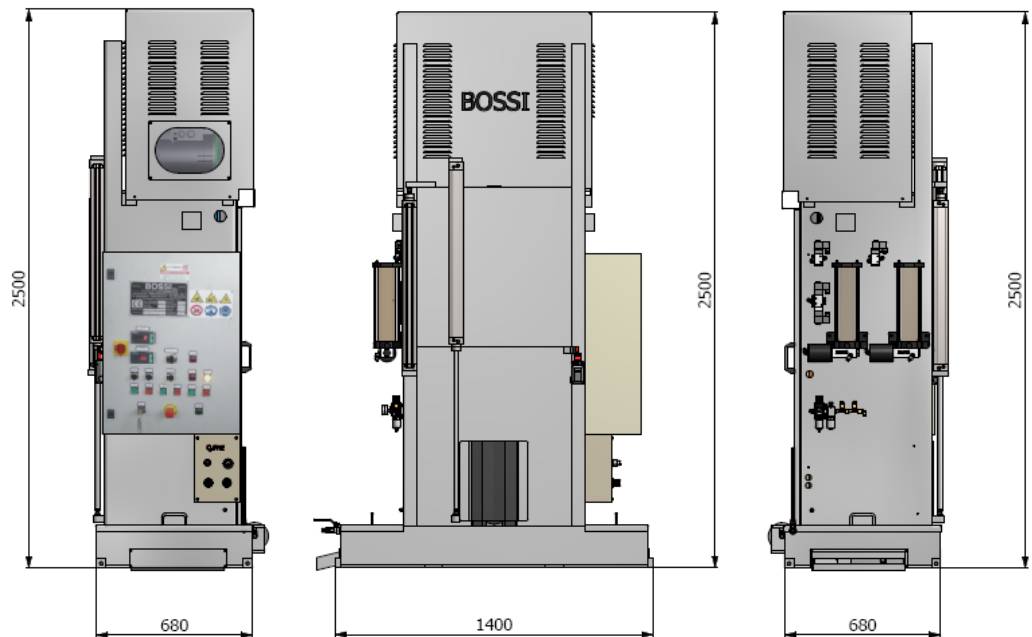
Working capacity	OD min. mm. 10 - max. mm. 154 approx.
Tube passage hole	Ø mm. 190
Abrasive belt size	mm. 3000 x 150 or 170
Abrasive belt speed	mt/sec. 22
Belt driving motor	kW 7,5 - 4 Poles
Vertical lifting motor	kW 0,26 - 4 Poles
Transverse stroke	mm. 20
Vertical slide stroke	mm. 220 approx.
Motorised head inclination	15° each side / motor kW 0,13 - 4 Poles
Adjustable belt oscillation group	from 48 up to 200 strokes per min.
Oscillation control motor	kW 0,55 - 8 Poles (adjustable by inverter)
Machine opening door (guillotine type) made of stainless steel, with pneumatic opening	
Equipment for wet working, complete with electropump and recirculation tank (in case provided with filter fabric cleaner)	kW 0,18 - 2 Poles

LAY-OUT



INOX TUBE WELD GRINDING MACHINE

FILTER FABRIC



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