



# BOSSI

S.r.l. - Macchine Finitura Metalli

MACHINES FOR METAL SURFACE FINISHING

## TUBE WELD GRINDING MACHINES

**MOD. STP 3000/150/170 COAXIAL AND MOD. STP 3000/150/410**

**TO BE INSTALLED ON TUBE-MILLS WITH TIG AND LASER WELDING SYSTEMS**



Tube weld grinding machines for removing the external weld bead on stainless steel tubes, to be installed on tube-mills with TIG or LASER welding systems.

These are the most known models, with more than 500 units sold all over the world.

Almost perfect machines, result of many years of experience: adjustable working pressure, centralized greasing equipment with timed pump, inverter for adjusting the number of oscillations and the abrasive belt speed. Working can be made wet or dry.

Efficient automatic cleaning system by means of special high pressure nozzles.



Detail of internal cleaning system

**"IN-LINE"  
MACHINES**

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](mailto:info@bossi-srl.com)  
<http://www.bossi-srl.com>



Machine internal



Timed pump for grease distribution

**TUBE WELD GRINDING MACHINES MOD. STP 3000/150/170 COAXIAL AND MOD. STP 3000/150/410 TO BE INSTALLED ON TUBE-MILLS WITH TIG AND LASER WELDING SYSTEMS**

**TECHNICAL DATA**

<b>Working capacity: STP 3000/150/170 coaxial STP 3000/150/410</b>	OD min. mm. 6 - max. mm. 154 approx. OD min. mm. 50 - max. mm. 410 approx.
<b>Abrasive belt size</b>	mm. 3000 x 150/170/200
<b>Abrasive belt speed</b>	mt/sec. 22
<b>Belt driving motor</b>	kW 7,5 - 2 Poles
<b>Vertical lifting motor</b>	kW 0,26 - 4 Poles
<b>Transverse stroke</b>	mm. 20
<b>Vertical slide stroke: STP 3000/150/170 coaxial STP 3000/150/410</b>	mm. 220 approx. mm. 420
<b>Motorised head inclination</b>	15° each side / motor kW 0,13 - 4 Poles
<b>Adjustable belt oscillation group</b>	from 48 up to 200 strokes per min.
<b>Oscillation control motor</b>	kW 0,55 - 8 Poles (adjustable by inverter)
<b>Machine opening door (guillotine type) made of stainless steel, with pneumatic opening</b>	
<b>Equipment for wet working, complete with electropump and liquid recirculation tank (in case provided with filter fabric cleaner)</b>	kW 0,18 - 2 Poles

**LAY-OUT**

