



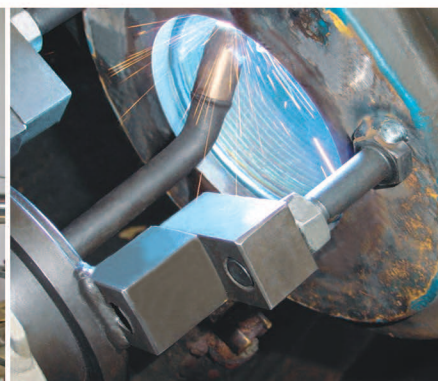
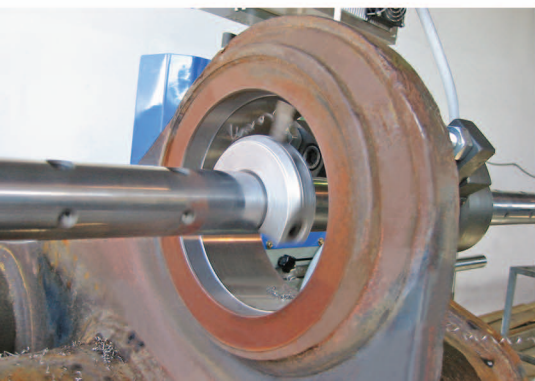
## Fabbrica Italiana Macchine Utensili Portatili Multifunzione

from 1991

MADE IN ITALY



Over **25<sup>th</sup>**  
1991 - 2016 • ANNIVERSARY  
years of  
"Excellence"





# **WS3** full cnc **dragster**

PORTABLE MACHINE TOOLS  
FOR GRINDING, BORING AND TURNING ON VALVES FOR ANY DIAMETER AND DEPTH.

Performs the following machining operations:

- Curved shaping with any tips of radius
- Conical machining any type of chamfers
- Facing on variable geometric surfaces
- "Phonograph" grooves
- All type of threads - any threading pitch
- Pre-set for internal overlay welding
- Any type of grooving

# WS3 full cnc dragster



## General Technical Characteristics

Working diameter	mm	110-600
Radial Stroke (X) (Small Head)		MACHINING MIN Ø 110 mm STEP FROM 30
Radial Stroke (X) (Medium Head)		MACHINING MIN Ø 155 mm STEP FROM 40
Radial Stroke (X) (Big Head)		MACHINING MIN Ø 350 mm STEP FROM 60
Axial Stroke (Z)	mm	600 (dragster 600) - 800 (dragster 800) - 1000 (dragster 1000) FOR EACH STEP
Maximum Rotation Speed (s)	rpm	143
Step By Step Motor Axial Repositioning System		(0,36°/PITCH) BALL BEARING SCREW RES. 5000 PITCHES/mm
Step By Step Motor Radial Repositioning System (Small Head)		(0,36°/PITCH) BALL BEARING SCREW RES. 667 PITCHES/mm
Step By Step Motor Radial Repositioning System (Medium Head)		(0,36°/PITCH) BALL BEARING SCREW RES. 667 PITCHES/mm
Step By Step Motor Radial Repositioning System (Big Head)		(0,36°/PITCH) BALL BEARING SCREW RES. 2667 PITCHES/mm
3 Degree of freedom		(X - Z - S)
2 Axis		(X - Z)
Weight	Kg	95 (dragster 600) - 100 (dragster 800) - 115,5 (dragster 1000)

### Portable Machine Tools for grinding, Boring, and turning on valves for any diameter and depth.

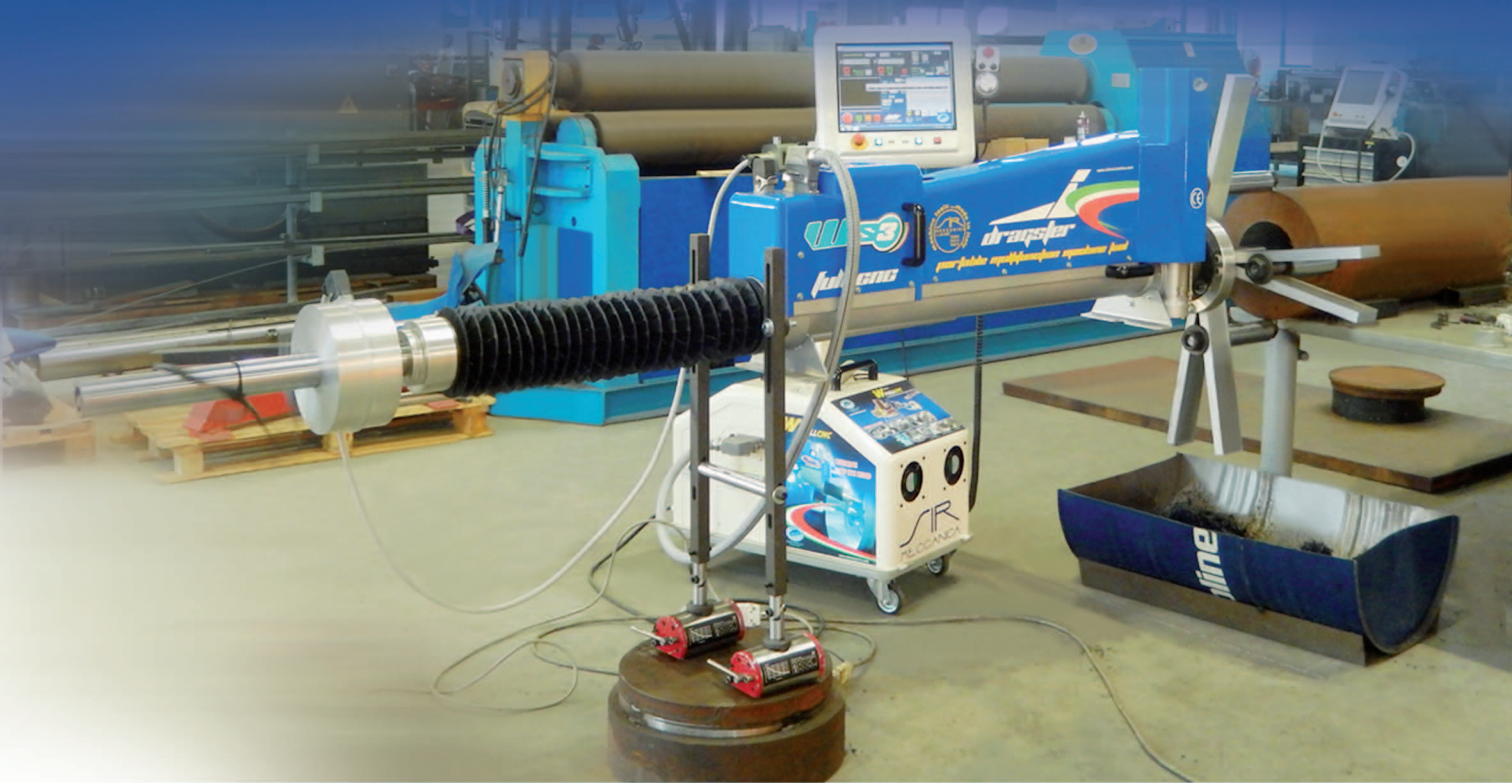
It is with pride that we can assert that the multiplicity of our machines represent what is the safest and highly technologically advanced that the market can offer at present both in the field of on site valve maintenance and in the workshop.

The use of the equipment allows to reduce downtime and costs.

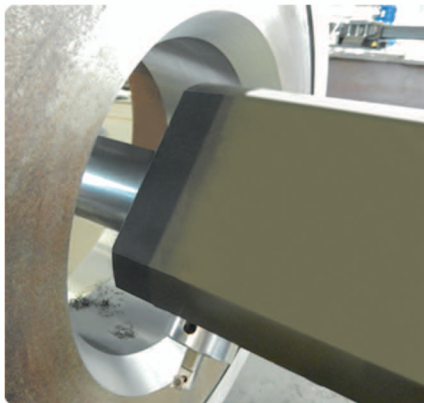
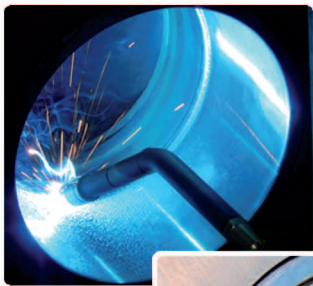
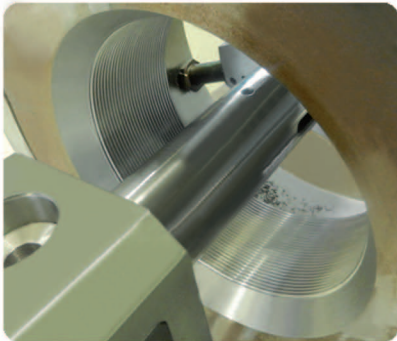
The latest **full Cnc WS3 Dragster** uses the high tech components that make it possible to perform high efficient machining.

**It is unique of its kind , it has all the advantages of the WS series machine tools, enhanced with a CNC head, that allows to perform the following machining operations.**

- CURVED SHAPING WITH ANY TIPS OF RADIUS
- CONICAL MACHINING AND ANY TYPE OF CHAMFERS
- ALL TYPE OF THREADINGS
- SIMPLE AND SHAPED FACING
- ANY TYPE OF GROOVING
- PHONOGRAPHIC GROOVES



## THE INNOVATION THAT GUARANTEES THE FUTURE





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