

TOP 200

FULL CNC PORTABLE ORBITAL LATHE



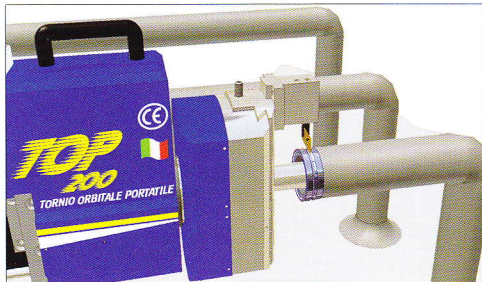
General Technical Characteristics

Radial Stroke (X)	mm	50
Axial Stroke (Z)	mm	100
Machining Diameter	mm	200
3 Degrees Of Freedom		(X - Z - S)
2 Axis		(X - Z)
Full CNC		
Maximum Rotation Speed (S) (Rpm)		210
Step By Step Motor Axial Movement System		(0.0018°/Step) Rolled Screws Resolution 16000 Step/mm
Step By Step Motor Radial Movement System		(0.0018°/Step) Rolled Screws Resolution 333 Step/mm
Max Torque Peak Rotation Spindle	Nm	300 - Nominal 65 Nm

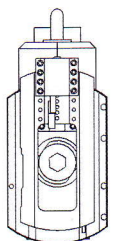
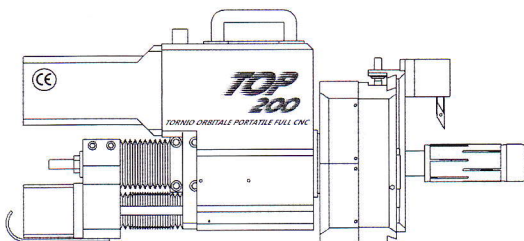
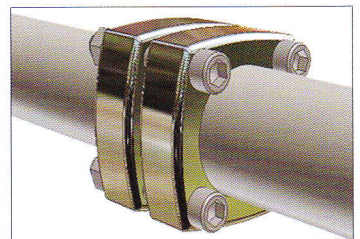
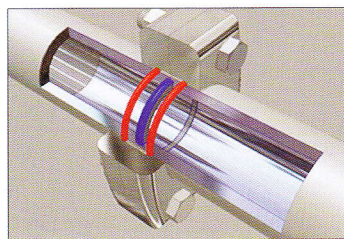
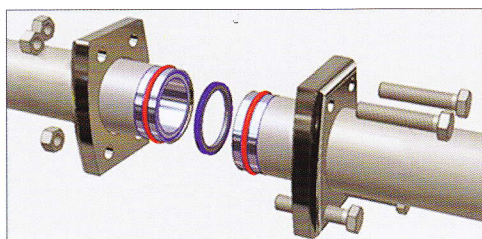
Application

The **TOP200** can turn out very useful in all the technological and plant sectors, where there are fixed and immovable elements and tubular bodies of all kinds, that must be repaired, engaged, modified..... with reduced or dangerous working space.

For example, it is possible to carry out: Profiling and/or flanging of ends on which particular fittings must be inserted. Creation of multilevel grooves for connections to devices. Creation of threading on precision components (for liquids or gas) of various types.



The pictures clearly show the important innovative process that the **TOP 200** brings to the technological and industrial sectors. The **TOP 200** guarantees simple, immediate, precise and reliable solutions directly on-site, thus eliminating the traditional and obsolete methods of operations.



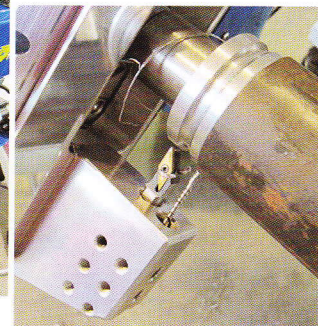
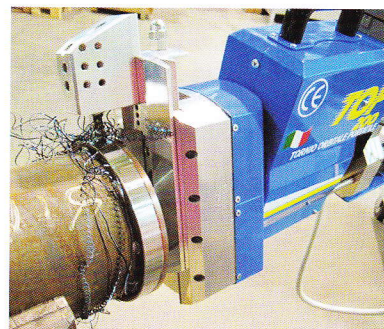


Advantages

Portable: Contributes in saving a considerable amount of time and in reducing machining costs.

Orbital: In the TOP200 the cutting movement is generated by the machine around the piece to be machined.

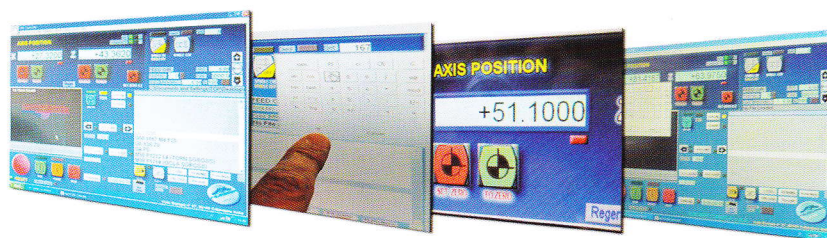
Fastening and Self-Centring: The machine is installed on tubular bodies, through an internal self-centring system at expansion, appropriately conceived.



System WIZARD

SIR MECCANICA has created a simple and innovative system that eliminates programming in code, thus considerably simplifying the operations for less expert users.

- Optimal Results
- Fast and Simple
- Maximum Profitability and High Performance
- Graphics Machining Simulation
- 15" Touch Screen
- Up to 60% Time-saving



Self-Centring Support Block

The self-centring support block, is fixed on the tubular body to be machined, through the tightening of a tie bar element that, thanks to cone clutches, expands until it adheres firmly. This block acts as a support for the whole machine, around which the rotating tool block moves and works. The block can be interchangeable according to the diametrical needs.

