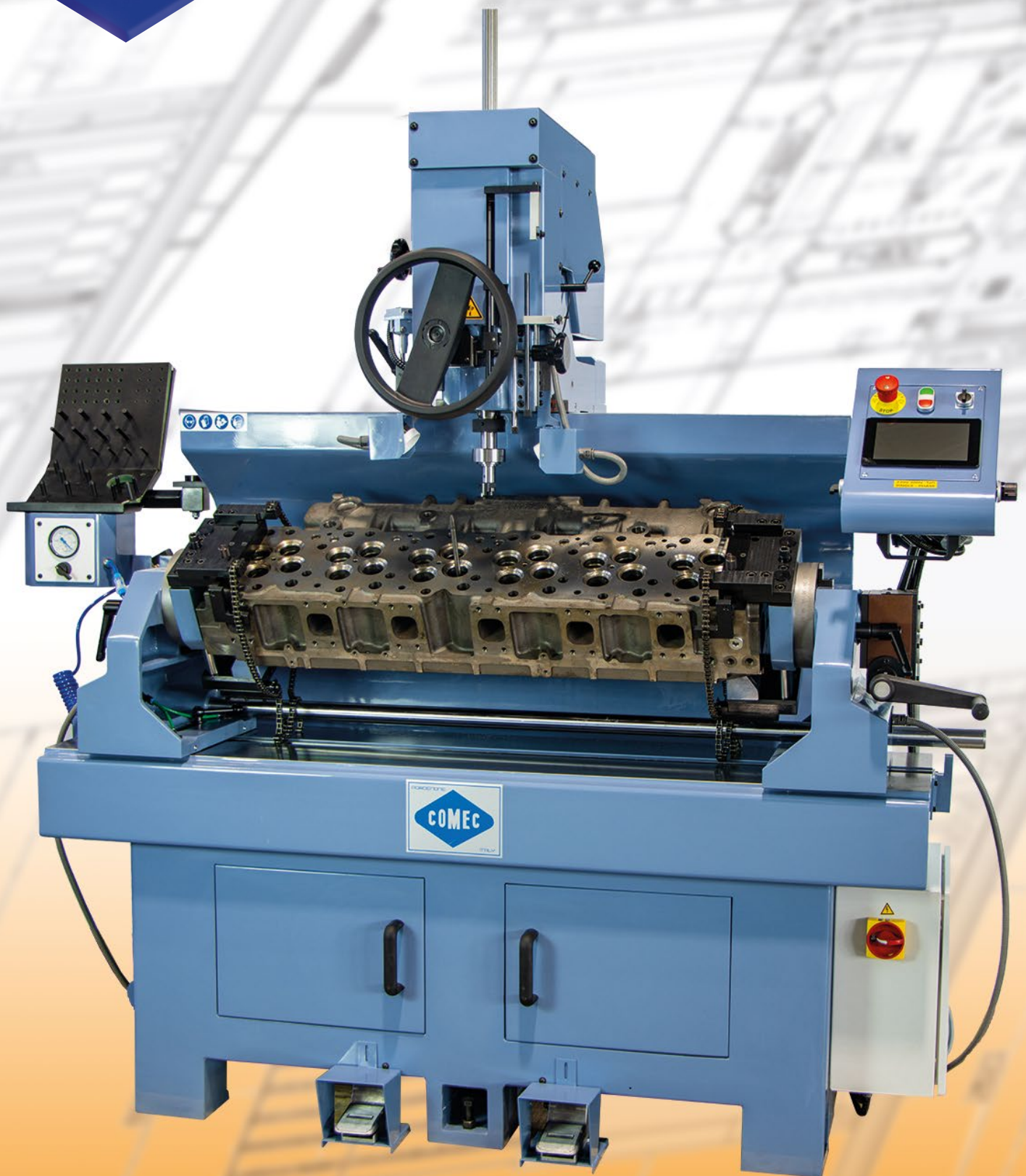




FSV140

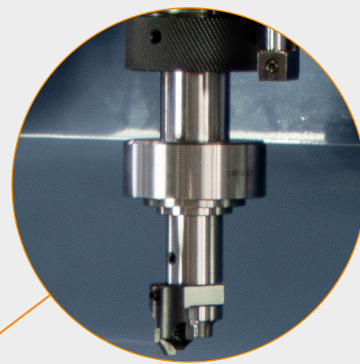


HEAVY DUTY CYLINDER HEAD MACHINE



Air float workhead

Extremely sturdy spindle workhead mounted on air cushion for light and quick positioning.



Tool holder mandrel

The tool holder mandrel allows the perfect centering holding the pilot while moving from valve guide to valve guide.



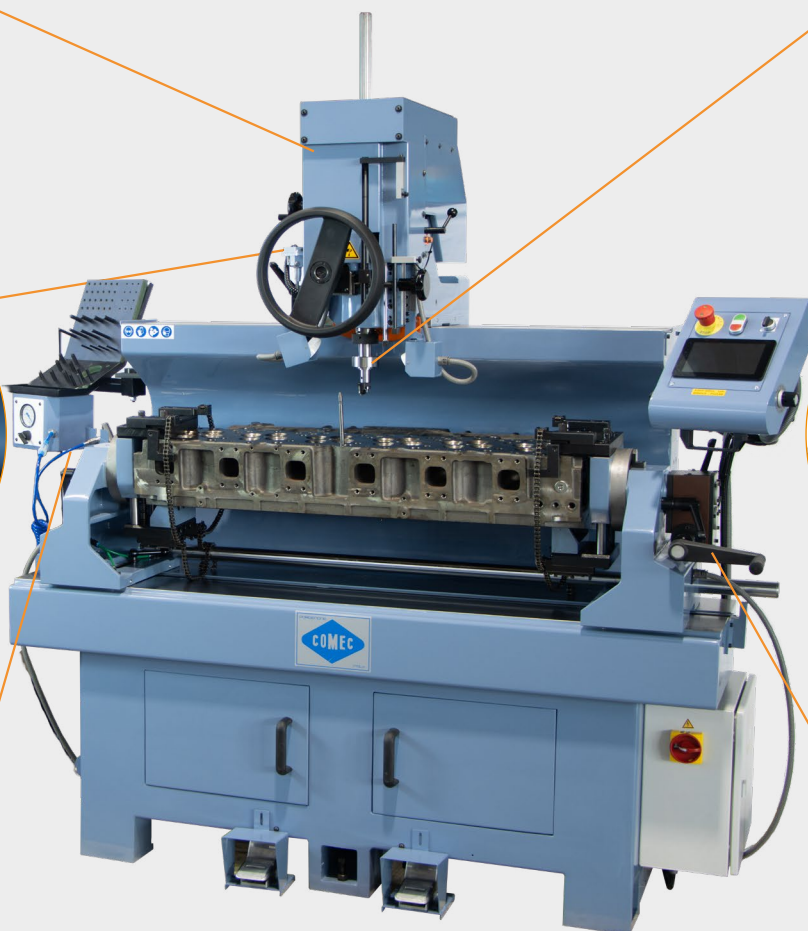
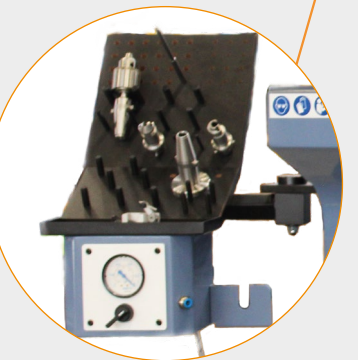
Electronic Level

Electronic level with readout for accurate adjustment. Adjustable depth stop for an exact depth of cut.



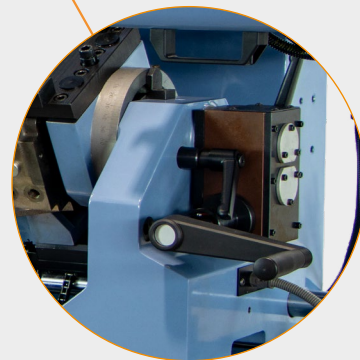
Touch screen + SMART AID

Touch screen control panel with SMART AID system for work automation.



Built-in vacuum tester

Convenient swivelling equipment storage with built-in vacuum unit



360° Rollover fixture

The 360° rollover fixture gives complete access to all sides of the cylinder head. Clamping is very quick and assures high rigidity. Levelling is simple thanks to the fine adjustment knob.

Specifications

Max cylinder head dimensions (LxWxH)	1200x380x254 mm
Valve seat diameter range	14÷76 mm
Spindle diameter	80 mm
Spindle taper	ISO 30
Adjustable spindle speed	30÷500 RPM
Spindle travel/Stroke vertical	216 mm
Work Head Horizontal Travel	1100 mm
Work Head Cross Travel	60 mm
Work head tilt	±15°
Max. distance table - spindle	510 mm
Spindle motor power	1,5 kW
Working air pressure	6 bar
Dimensions (LxWxH)	1760x930x2080 mm
Weight	1485 Kg



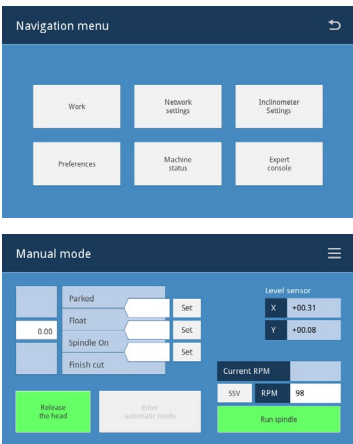
Dual spindle feed system: Large front Handwheel for accurate and fast spindle travel and side knob for fine downfeed.



Spindle Workhead extremely sturdy mounted on air cushion to provide a light and quick positioning.



360 degree Rollover fixture assures a complete accessibility to all sides of the cylinder head. The clamping process is very quick and assures high sturdiness. The levelling procedure is definitely simple thanks to the fine adjustment knob.



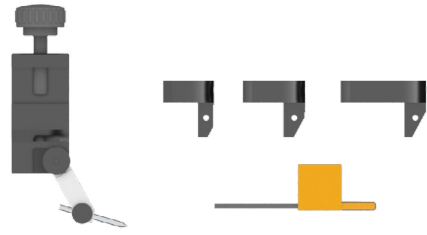
The touch screen panel with SMART AID guides the operator through each step, while the large front handwheel and micrometric side knob keep direct control of spindle downfeed.



Spindle vertical tilt up to $\pm 15^\circ$ degrees on both directions to assure an accurate alignment of spindle in the cylinder head canted seats.

Standard Equipment

- 1-phase power supply (230V/50Hz/1ph)
- SMART AID system for work automation
- Touchscreen control panel
- Air float Work Head for light positioning
- Air pressure filter/regulator
- Universal 360 degree roll over Cylinder Head fixture
- Adjustable Clamping Kit for special cylinder heads
- Manual hand operated gear reduction box
- Set of safety clamping chains
- Hardened spindle with taper tool holder
- Infinitely variable spindle speed
- Adjustable end stroke
- Electronic level with readout
- Cutting depth measuring dial gauge
- Spring free tool holder mandrel
- Cut2000 insert tool holder (18-30 mm)
- Cut2001 insert tool holder (26-42 mm)
- Cut2002 insert tool holder (40-60 mm)
- Tool setting fixture
- Vacuum tester complete with pads
- LED lighting system
- Swing arm tool storage Cabinet
- Removable Chip tray
- Wrench set
- Instruction manual



Accessories and spare parts



UTXXXX

Cutting inserts on choice



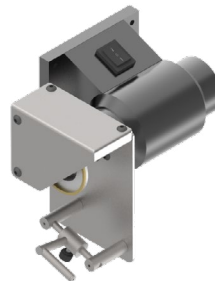
CPXXXX

Carbide pilots (measures on choice)



MPP316

Drill chuck dia.3÷16 mm with adapter taper ISO-30



FSV500

Tool sharpening attachment with diamond wheel

