

SG 4.0 SEAT & GUIDE MACHINE

Rigid cast iron mono-block mainbase

Digital control panel with 12" touch screen

USB & Ethernet ports

Friction free air cushion

LED Lighting

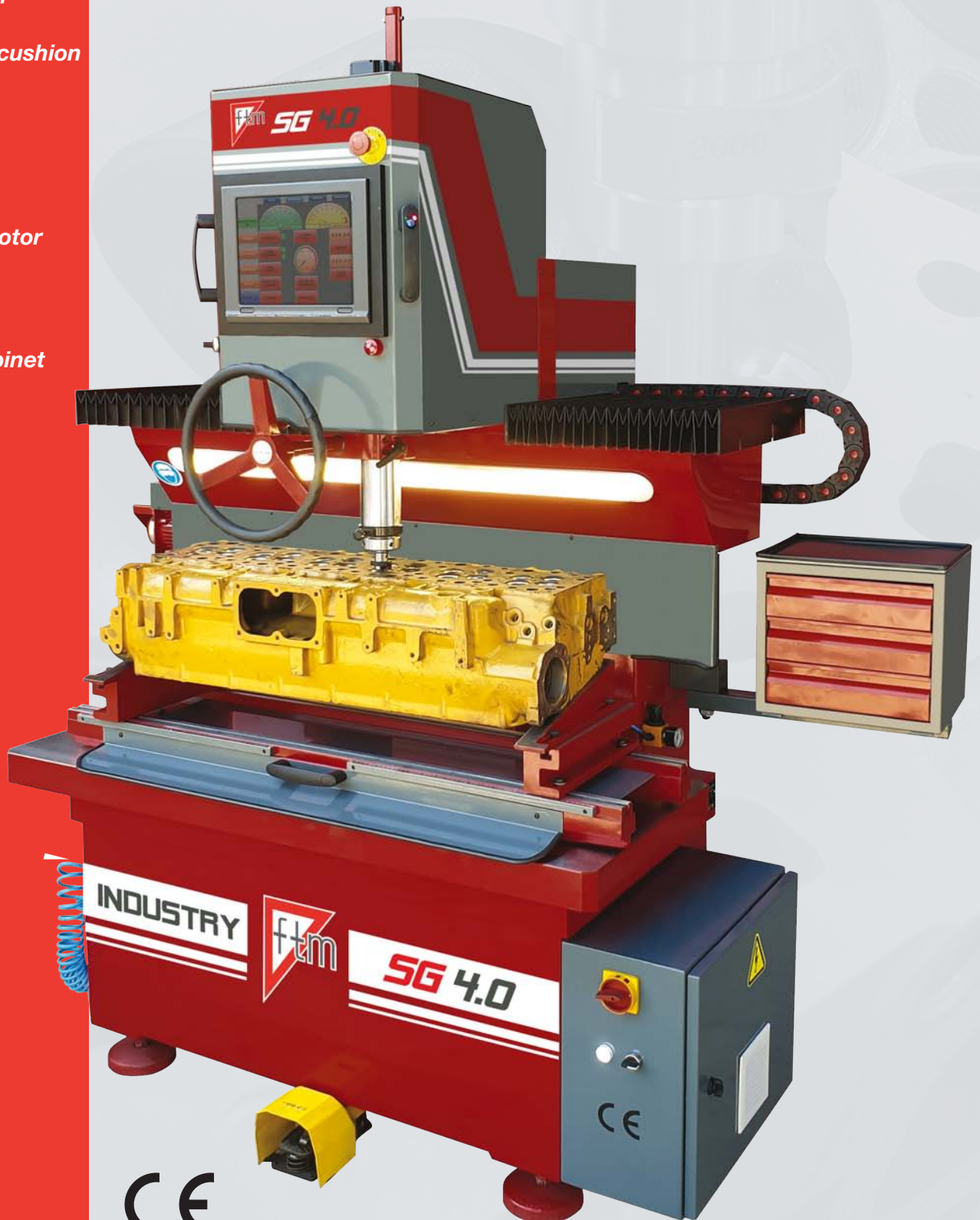
Tool sharpener

Servo spindle motor

Vacuum tester

Tool storage cabinet

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CE

TECHNICAL SPECIFICATIONS

TECHNICAL DETAILS	
Machining capacity of valve seat (min.-max.)	Ø 16 - Ø 100 mm
Longitudinal travel of the Work-Table [free all directions]	760 mm
Transverse travel of the Work-Table (free all directions)	200 mm
Longitudinal travel of the Work-Head	850 mm
Longitudinal total machining capacity of valve seat	1.610mm
Spindle stroke	250 mm
Spindle inclination [in all directions]	10°
Sphere cylinder movement (radius)	14 mm
Spindle speed	0 to 500 r.p.m.
Spindle motor - AC Servo motor with Servo driver	0.75 Kw
Spindle nominal torque [Constant torque in all speeds]	17 Nm
Carbide tip sharpener motor	0.25 kW
1 th Vacuum pump motor for vacuum testing	0.25 kW
2 th Vacuum pump motor for Locking of work-table	0.25 kW
Maximum cylinder head length (with single roll-over fixture)	1.000 mm
Maximum cylinder head width (with single roll-over fixture)	400 mm
Maximum cylinder head height (with single roll-over fixture)	220 mm
Maximum cylinder head length (on the parallel blocks)	1.230 mm
Maximum cylinder head width (on the parallel blocks)	550 mm
Maximum cylinder head height (on the parallel)	475 mm
Electrical requirements	3 Ph-400 VAC-50/60Hz
Air requirements (Pressure & Volume supply)	6 Bar - 400 l/min
Machine dimensions (wide x deep x high)	1.870 x 1.050 x 2.225 mm
Machine weight	1.750 Kg
Vertical column - spindle axis between distance	315 mm
Control panel	12" Touch color screen
Useful area of table bed	545 x 1.400 mm
Main base	Monoblock Cast Iron
	USB & ETHERNET PORTS
	4.0 INDUSTRY

BASIC EQUIPMENT	OPTIONS
Single axis roll - over fixture (1 set)	Parallel blocks (h:140 mm L:340 mm.) (1 set)
Carbide bit sharpener	Parallel blocks (h:1 10 mm L:340 mm.) (1 set)
Vacuum testing	Parallel blocks (h:90 mm L:340 mm.) (1 set)
Pads with foam for vacuum tester (8)	Universal quick clamping (1 set)
Tool rack with drawers	Cylinder head alignment rod
Tool seting device	Micrometer for counterboring tips
Bubble level for pilot dia shank Ø 9.5	Protection cloth bellows of vertical column slide
Torx t9 screw driver / allen key T 2.5 mm.	Handle with microswitch and led movie of work-head
Protected glasses	
Dimensions, weights and construction are not binding and may be modified.	