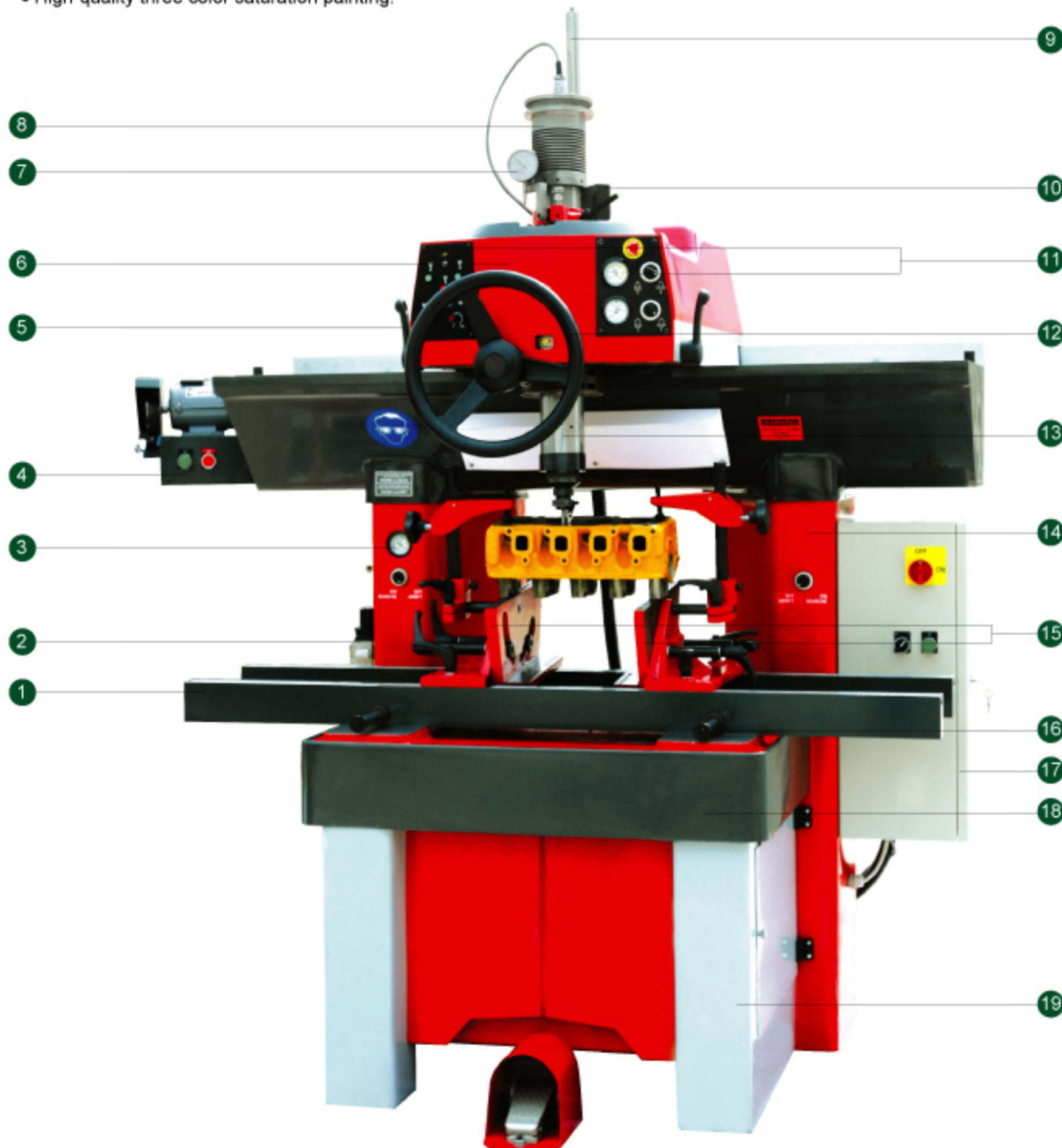


TQZ8560

valve seats boring machine

Valve seats boring machine with high availability meets the requirements of boring, reaming and cutting machining for high accuracy valve guides and valve seats. Light boring head of patent-based design is equipped with triple air flotation device, self-centering system and combined motor shaft. Designed specially for repairing small-sized engine and compound-cylinder engine used on motorcycle and automobile. Meet the requirements of high precision machining for valve guides with a small diameter of 3mm.

- With distinctive characteristics of this new type machines that can save 30% cutting force during machining process. Ensure the angle accuracy of compound angle tool within a range of $\pm 0.5^\circ$.
- Machining capacity: 16mm/0.63" - 50mm/1.97" .
- Modernized design of standard machine body to agree with the improved rigidity. Dynamic and static features are optimized by computer to provide the most advanced machining process.
- Improved lighting system.
- Pneumatic clamping of table bars.
- Fully integrated spindle motor: Infinitely variable spindle speed, 100 to 1200 RPM, with sensorless Vector Flux Control in open loop (extremely broad torque ratings from lowest RPM.)
- Lightweight workhead: built-in spindle motor and triple air-float automatic centering system. Minimal workhead inertia and maximal floatation for unmatched centering sensitivity.
- High-quality three color saturation painting.



Technical Specifications

Boring diameter	Φ 14-Φ60 mm
Max. length for Cylinder head(L×W×H)	1200×300×400 mm
Moter power	0.4 kw
Spindle speeds	0-1000 rpm
Spindle travel	200 mm
Plate longitudinal travel	35 mm
Clamper swing angle	-45° - +55°
Air supply press	0.7 Mpa
Air supply flow	300 L/min
Overall dimensions(L×W×H)	1480×1050×2270 mm
Packing dimensions(L×W×H)	1900×1300×2200 mm
N.W/G.W	1050/1250 kg

Accessories



- 1 Supporter
- 2 Filter,reduce
- 3 Vacuum testing device
- 4 Cutter grinder
- 5 Plate hand lever
- 6 Spindle box
- 7 Micrometer dial
- 8 Spindle motor
- 9 Balance oil cylinder
- 10 Balance device
- 11 Operation plate
- 12 Hand wheel
- 13 Spindle
- 14 Column
- 15 Cylinder fixture
- 16 Table bar
- 17 Electric box
- 18 Worktable
- 19 Base

