

# Valve Seat Boring Machine

This valve seat boring machine features air floating, auto-centering, and vacuum clamping for high accuracy. It is widely used and includes a vacuum test device to check valve tightness.

序号 (Serial No.)	参数名称 (Parameter Name)	TQZ850	TQZ950	TQZ1050	TQZ1200
1	最大加工直径 (Max. dia of cylinder head for boring)	8.1" / 205 mm	9.1" / 230 mm	9.1" / 230 mm	9.2" / 232 mm
2	最大加工深度 (Max. dia of cylinder head for boring)	1200/1300/1400 mm	1200/1300/1400 mm	1200/1300/1400 mm	1200/1300/1400 mm
3	进给速度 (Feed rate)	1.2m	1.2m	1.2m	1.2m
4	主轴转速 (Spindle speed)	0-1000rpm	0-1000rpm	0-1000rpm	0-1000rpm
5	主轴行程 (Spindle stroke)	200 mm	200 mm	200 mm	200 mm
6	主轴精度 (Spindle accuracy)	±0.01 mm	±0.01 mm	±0.01 mm	±0.01 mm
7	主轴精度 (Spindle accuracy)	±0.01 mm	±0.01 mm	±0.01 mm	±0.01 mm
8	主轴精度 (Spindle accuracy)	±0.01 mm	±0.01 mm	±0.01 mm	±0.01 mm
9	主轴精度 (Spindle accuracy)	±0.01 mm	±0.01 mm	±0.01 mm	±0.01 mm
10	主轴精度 (Spindle accuracy)	±0.01 mm	±0.01 mm	±0.01 mm	±0.01 mm
11	空气压力 (Air supply pressure)	0.7Mpa	0.7Mpa	0.7Mpa	0.7Mpa
12	空气流量 (Air supply flow)	200L/min	200L/min	200L/min	200L/min
13	机床重量 (Machine weight)	1000 kg	1000 kg	1000 kg	1000 kg
14	机床尺寸 (Machine dimensions)	1400 x 1000 x 1200	1400 x 1000 x 1200	1400 x 1000 x 1200	1400 x 1000 x 1200
15	机床精度 (Machine accuracy)	±0.01 mm	±0.01 mm	±0.01 mm	±0.01 mm

## ADDITIONAL IMAGES



## Product Overview

### Precision Engine Maintenance Solution

The TQZ8560A is an air-floating valve seat boring machine engineered for high-precision maintenance and rebuilding of engine cylinder heads. Designed for efficiency and accuracy, this machine allows automotive repair professionals to achieve superior boring results, significantly improving engine performance. It utilizes advanced air-float centering technology, which has earned multiple national patents for its contribution to the repair industry.

## Technical Specifications

Model Name	TQZ8560A
Technology Type	Air-float centering valve seat boring
Primary Application	Engine Rebuilding, Cylinder Head Repair, Valve Seat Machining

## Quality & Standards

### Quality Certifications

ISO 9001

## Features

### Machine Capabilities

- Air-floating centering mechanism for high precision
- Manual feed system for controlled operation
- Adjustable worktable for varied cylinder head sizes
- Rigid frame construction for stable performance