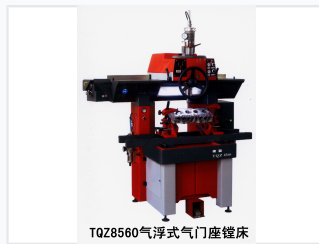


Valve Seat Boring Machine

This valve seat boring machine is designed for accurately machining valve seats in cylinder heads. It features air floating, auto-centering, and vacuum clamping for high accuracy.

| 参数名称 (Parameter) | TQZ85 | TQZ85A | TQZ85B | TQZ85C |
|--|-------------------|-------------------|-------------------|-------------------|
| 1. 最大加工范围 (Max. size of cylinder head for machining) | 6.14" (156 mm) | 6.14" (156 mm) | 6.14" (156 mm) | 6.22" (158 mm) |
| 2. 最大加工范围 (Max. size of cylinder head for machining) | 1200 (500) 200 mm | 1200 (500) 200 mm | 1200 (500) 200 mm | 1200 (500) 200 mm |
| 3. 主轴转速范围 (Spindle speed range) | 0-1000 rpm | 0-1000 rpm | 0-1000 rpm | 0-1000 rpm |
| 4. 主轴行程 (Spindle stroke) | 200 mm | 200 mm | 200 mm | 200 mm |
| 5. 主轴精度 (Spindle accuracy) | ±0.01 mm | ±0.01 mm | ±0.01 mm | ±0.01 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) | 0.7 MPa | 0.7 MPa | 0.7 MPa | 0.7 MPa |
| 12. 空气流量 (Air supply flow) | 300 L/min | 300 L/min | 300 L/min | 300 L/min |
| 13. 重量 (Weight) | 1000 kg | 1000 kg | 1000 kg | 1000 kg |
| 14. 外形尺寸 (LxWxH) (Dimensions) | 1400 (1000) 1000 | 1400 (1000) 1000 | 1400 (1000) 1000 | 1400 (1000) 1000 |
| 15. 包装尺寸 (LxWxH) (Packaging size) | 1400 (1000) 1000 | 1400 (1000) 1000 | 1400 (1000) 1000 | 1400 (1000) 1000 |

ADDITIONAL IMAGES



Overview

Precision Valve Seat Machining

The TQZ85 series valve seat boring machine provides high-precision repair solutions for automotive engine rebuilding and maintenance shops. Featuring an air-float centering system and robust frame construction, it ensures smooth operation, vibration damping, and superior surface finishing on a wide range of cylinder heads. This variable speed machine is engineered to improve workshop efficiency and deliver consistent results across various engine types.

Key Performance Metrics

Key Performance Indicators

1000 rpm

Max Spindle Speed

1.2 kW

Spindle Motor Power

200 mm

Spindle Stroke

0.7 MPa

Air Pressure

Operational Features

Quality Standards

ISO 9001

Technical Data

Series Specifications

| Parameter | TQZ8560 Series | TQZ85100 |
|----------------------|----------------|--------------|
| Boring Range | 14-60 mm | 20-100 mm |
| Spindle Swing Angle | 5° | 5° |
| Fixture Rotary Angle | +45° to -15° | +45° to -15° |
| Air Supply Flow | 300 L/min | 300 L/min |
| Power Supply | 220V/50Hz | 220V/50Hz |