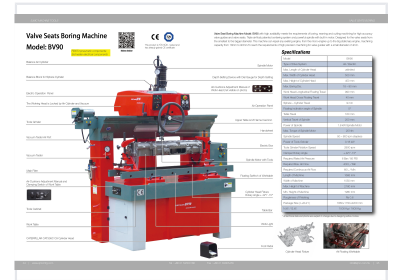


Valve Seat Boring Machine

This valve seat boring machine is designed for precision boring of valve seats in cylinder heads. It features a triple air-float patented centering system and a powerful spindle with a built-in motor.



ADDITIONAL IMAGES



Overview

High-Precision Valve Seat Machining

This professional-grade valve seat boring machine is engineered for high-accuracy boring, reaming, and cutting of engine valve guides and seats. Featuring a patented triple air-float centering system, it offers versatile machining capabilities for engines ranging from micro-units to large stationary systems. The design ensures exceptional precision with a 0.6 Ra finishing roughness, providing a reliable solution for demanding automotive engine repair tasks.

Machining Capacity

Machining Capacity

18 mm

Min Boring Diameter

90 mm

Max Boring Diameter

4 mm

Min Valve Guide Diameter

Technical Specifications

Worktable Specifications

Feature	Value
Max Cylinder Head Width	500 mm
Max Cylinder Head Height	450 mm
Table Travel	160 mm
Work Head Longitudinal Travel	990 mm
Work Head Cross Travel	40 mm

Spindle Performance

- Spindle Power: 1.8 kW
- Max Torque: 25 Nm
- Spindle Speed: 50-800 rpm (stepless)
- Vertical Spindle Travel: 200 mm

Requirements & Compliance

Air Supply Requirements

- Rated Air Pressure: 6 Bar / 85 PSI
- Max Air Flow: 400 L/Min
- Continuous Air Flow: 60 L/Min

Certifications

CE, TÜV SÜD

Physical Attributes

Dimensions

- Length: 1685 mm
- Width: 1050 mm
- Height Range: 1980 - 2180 mm

Weight

1500 Kg

Net Weight

1800 Kg

Gross Weight