

Valve Seat Reconditioning Machine

This machine is designed for repairing valve seats in various types of engine cylinder heads. It features a rectangular guideway with high rigidity.



Machine Overview

Professional Valve Seat Reconditioning

This valve seat boring machine is engineered for high-precision reconditioning of internal combustion engine cylinder heads. It utilizes a rigid rectangular guideway design and an air-floating worktable to ensure absolute precision and ease of operation. The system is compatible with both cast iron and aluminum cylinder heads, making it a versatile tool for professional workshop environments.

Operational Specifications

Valve Seat Diameter Range	20 mm
Max Valve Seat Diameter	90 mm
Working Conical Angles	30°, 45°, 60°

Technical Features

Key Performance Indicators

20 mm Min Seat Diameter	90 mm Max Seat Diameter
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Key Design Features

- Rectangular guideway with high rigidity
- Automatic head movement
- Air-floating worktable for workpiece movement
- Universal boring bar with ball joint
- Constant torque motor transmission

Compatibility

Supported Materials

Cast Iron • Aluminum