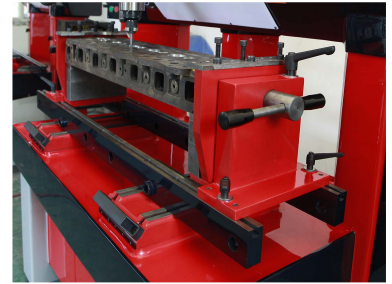


# Digital Display Valve Seat Boring Machine

The valve seat boring machine features a patented Triple Air-Float Automatic Centering system and a high torque motor spindle. This accurate machine is designed to cut valve seats and ream valve guides for cylinder heads of all sizes.



## ADDITIONAL IMAGES



## Overview

### Precision Valve Seat Machining

This Digital Display Valve Seat Boring Machine is engineered for high-precision engine rebuilding and cylinder head repair. Featuring a patented lightweight workhead with a built-in spindle motor and triple air-float automatic entering system, it ensures minimal inertia and maximal centering sensitivity. The machine utilizes advanced sensorless Vector Flux Control to deliver broad torque ratings even at the lowest RPMs, making it capable of cutting the hardest valve seats with 30% less cutting force.

## Technical Specifications

### Machining Capacity

**16 mm**

Minimum Capacity

**120 mm**

Maximum Capacity

### Spindle Performance

**1000 r.p.m.**

Max Spindle Speed

### Control Features

- Infinitely variable spindle speed
- Sensorless Vector Flux Control (open loop)
- Digital spindle rotation readout
- Triple air-float automatic entering system
- Emergency stop safety mechanism

### Operating Pressure Range

0.6 BAR (Min) to 6 BAR (Max)

### Key Advantages

Lightweight Workhead, Reduced Cutting Force, High Centering Sensitivity, Broad Torque Ratings