

ROBINS  **SINCE 1983**

-0+
Exactly

VR10 P -0+
Exactly

VALVE GRINDING MACHINES

with **NEW** features

New & Better!

Signature brand

- Highest Possible Precision
- No Comparison

Ultra Precision Valve Grinding Machines



NEW



NEW FEATURES

- **Optional Diamond & CBN Grinding Wheels**
Provide extended life, reduced wheel wear, and less-frequent dressing.
- **Foot Switch for Hands-Free Chuck Operation**
Enhances operator convenience and workflow efficiency.
- **Large V-Nest for Diesel Valves**
Supports longer stems and larger diesel valve sizes.

Robins Engine Rebuilding Equipment Sold World Wide Since 1983

- Highest Possible Precision
- No Comparison

Ultra Precision Valve Grinding Machines

PREMIUM SIX-BALL AIR CHUCK

Foot Pedal Operated

- Vacuum heat-treated using Böhler tool steel for long-lasting precision
- Provides excellent concentricity and clamping accuracy
- Includes protective face cover to prevent grit ingress

CHUCK OPTIONS

- ◆ Mini (3.50 - 7.10 mm) 
- ◆ Std. (4.00 - 14.00 mm) 
- ◆ Large (11.00 - 20.70 mm) 

BUTT & CHAMFER GRINDING ATTACHMENT

- Integrated directly into the wheel spindle slide
- Set chamfering and butt-grinding stops once only
- Improves repeatability and reduces setup time



Butt & Chamfer Grinding With Wheel Slide



Larger V Nest with longer Shaft

The VR10-P includes a 20-litre, extra-capacity coolant/oil tank equipped with a replaceable paper-filtration system.

Benefits:

- Cleaner coolant for months without tank cleaning
- Reduced abrasive grit recirculation
- Improved grinding accuracy & superior surface finish

Capacity: 4mm-14mm

Large coolant & Filtration.



*Always...
Cool & Clean grinding*

VALVE STEM-TO-FACE ANGLE "CONCEN GAUGE"



- Linear-guideway design for ultra-smooth movement
- Checks runout during grinding for real-time accuracy control
- Fast setup—no tightening required except for the end-stop
- Can be mounted on the machine or used remotely



Foot switch added for hands free chuck operation