

# ROBINS

SINCE 1983

Signature brand



# RUBI BORE

# 1.5 Smart

## Cylinder Boring Machines

- Highest Possible Precision
- No Comparison
- The Passion of "New & Better"

### NEW DESIGNS BY ROBINS

★ High Speed

★ High Production

★ Traditional Micron Accuracy



## RUBI PLATO BORING

Saves up to 90% honing time



Step # 1

Plato bore to exact size

Step # 2

Cross hatch followed by brush honing.

"END OF STORY"

*After years of research and trials, Robins proudly offer:*

**New Revolutionary Concept In Cylinder Block Boring**

- After rough and fine boring cycles Rubi-Plato boring cycle produces Wt. values (highest peak to deepest valley) & Ra values exceeding traditional finish honing values.
- Rubi-Plato boring eliminates any torn crystals & folded cast iron material left in bore cavities after finish boring cycle.
- Reduces honing cycle time upto 90%
- Eliminates problems related to honing accuracies.
- Eliminates possible metal foldment caused by diamond honing process.



## RUBI-hard

Premium Carbide & CBN Inserts



## Touch Button Automated

1. Simply float Spindle Head above "cylinder bore"
2. Manually Center cylinder bore, press auto cycle
3. Spindle Retracts after boring cycle is completed

# EVERY CUSTOMER SINCE 1983 HAS BEEN "ROBINS-TESTIMONIAL"

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PlatoBore finish



### BENEFITS

- No skills and no CNC training
- 2-3 times faster and easier to use
- Learn to operate Rubi-Bore in less than 30-minutes
- Makes traditional vertical boring machines obsolete.
- Suitable for two wheeler and four wheeler cylinder blocks

### KEY FEATURES

- Built-in centering system-covers entire range.
- Heavy Duty clamping system for cyl. blocks.
- Automated boring cycles
- Auto-tool index at bottom of bore to prevent tool-drag.
- Auto spindle retract.
- **Rubi-Super-hard** premium indexable inserts & tooling with direct setting micrometer.

### SPECIFICATIONS

Boring Range	2.200"-4.100" (56-105 mm)
Boring Depth	9" (225mm)
Cyl. Block Length	19" (480 mm)
Spindle Speed	200 - 800 RPM Variable Up to 6"/Min (150 mm/min)
Spindle Feed	(Variable & Independent of Spindle speed)
Electrical	208 - 240 Volts Single Phase (50 - 60 Hz.)

43  
Years of  
Legacy

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