

ROBINS

SINCE 1983

Signature brand



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

RUBI BORE

1.2 Smart

Cylinder Boring Machines

NEW DESIGNS BY ROBINS

★ High Speed

★ High Production

★ Traditional Micron Accuracy

Rubi bore
1.2 Smart



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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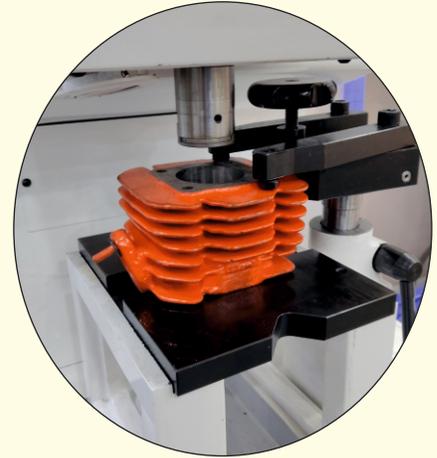
★ High Speed



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★ Traditional Micron Accuracy



Newly Designed Clamping fixture for single cylinder blocks

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 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	1.750"-3.350" (45-85 mm)
Boring Depth	7" (175mm)
Cyl. Block Length	9" (225 mm)
Spindle Speed	200 - 700 RPM Variable
Spindle Feed	0.001" to 0.005" (0.02-0.12mm) per revolution (Variable & Independent of Spindle speed)
Electrical	208 - 240 Volts Single Phase (50 - 60 Hz.)

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Years of
Legacy