

ROBINS

SINCE 1983

Signature brand



RUBI BORE

1.4 Smart

Cylinder Boring Machines

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

NEW DESIGNS BY ROBINS

RUBI PLATO BORING

Saves up to 90% honing time



Step # 1
Plato bore to exact size
Step # 2
Cross hatch followed by
brush honing.

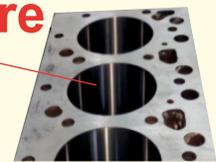
"END OF STORY"

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.

PlatoBore
finish



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



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NEW DESIGNS BY ROBINS



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 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	1.750"-3.350"(45-85 mm)
Boring Depth	7" (175mm)
Cyl. Block Length	16" (400 mm)
Spindle Speed	50 - 1000 RPM Variable
Spindle Feed	0.001" to 0.007" per revolution (Variable & Independent of Spindle speed)
Electrical	208 - 240 Volts Single Phase (50 - 60 Hz.)

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Years of
Legacy

ROBINS

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