



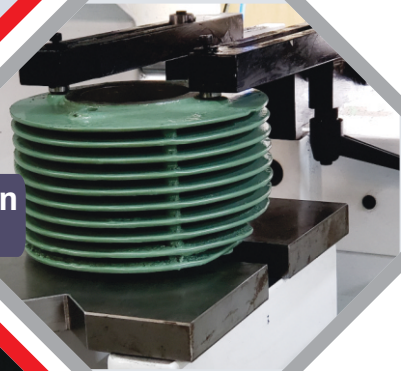
# RUBI BORE I.4

## BORING MACHINE



Carbide tool lapping device

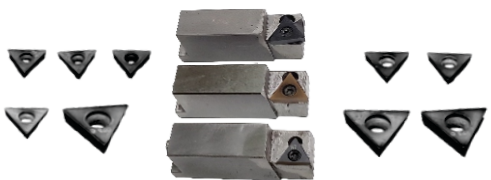
Unique touch-button job clamping



"Robins-First" front door automated (Optional)



**RUBI-hard**  
& CBN



Premium Inserts and Tooling

**VN VAN NORMAN**

**ROBINS**  
SINCE 1983

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# RUBI BORE 1.4

## BORING MACHINE

### BENEFITS

- No skills and no CNC training
- Compact-space saver
- 2-3 times faster and easier to use
- Learn to operate Rubi-Bore in less than 10-minutes
- Makes old style vertical boring machines an obsolete design
- Suitable for two wheeler and four wheeler cylinder blocks
- Small diameter CNC cylinder boring touch-button automated
- Simply float spindle head above bore area and press auto cycle then walk-away

### KEY FEATURES

- Auto clamping of single cyl. blocks
- Built-in centering device-covers entire range.
- Automated boring cycles
- Auto-tool index at bottom of bore to prevent tool-drag.
- Auto spindle retract.
- Front safety door automated (Optional) Opens & closes before & after each cycle.
- **Rubi-hard** premium cutting inserts & tooling with direct setting micrometer.



### SPECIFICATIONS

Boring Range	1.750"-3.350"(45-85 mm) Auto Centering Range 1.750-3.750" ( 45-95mm) Bore Machining Range
Boring Depth	7" (175mm)
Cyl. Block Length	16" (400 mm)
Spindle Speed	200 - 530 RPM Variable
Spindle Feed	Up to 3"/Min (75mm/min) (Variable & Independent of Spindle speed)
Electrical	208 - 240 Volts Single Phase (50 - 60 Hz.)

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rc@RobinsMachines.com  
www.RobinsMachines.com

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For further enquiries - please contact: "Robins" local Distributors :-

**MHE** Multiherramientas y Equipos

Javier Cantu +52 81 1476 8889 Angel Cantu +52 81 1815 0366

Elias Rodriguez +52 81 1736 7949

+52 (81) 8374-1680 toll free , 01 800 310-10-10

contacto@multiherramientas.com.mx

Doctor Coss 823 Nte. Colonia Centro, Monterrey, NL Mexico.

[www.multiherramientas.com.mx](http://www.multiherramientas.com.mx)

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