

*Signature* brand

- Highest Possible Precision • No Comparison

NEW DESIGNS BY ROBINS US 7,726,919 B1 | US 17879818 | US 17892165 (Patents pending)

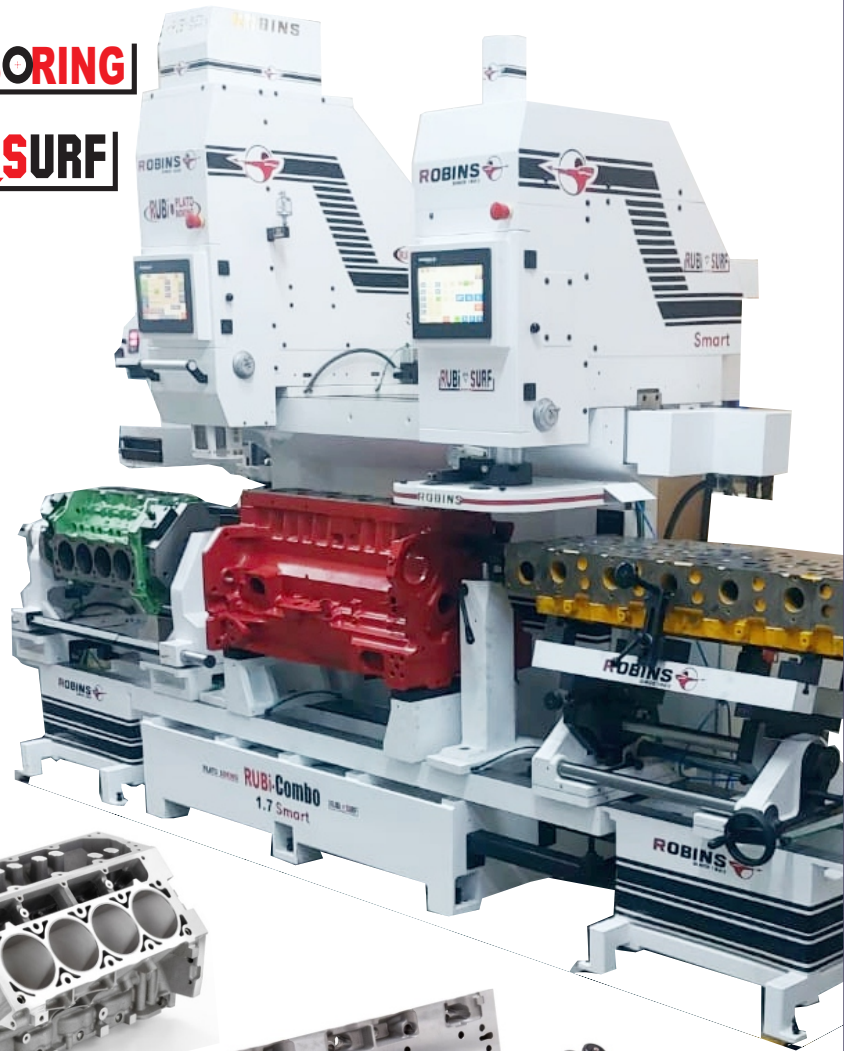
# ROBINS First” RUBi-Combo 2 In 1

## COMBO SYSTEM

- 2 in 1 boring + surfacing combo.
- Switch from cylinder boring to surfacing within seconds.
- Two independent servo control systems.
- Keep V-Block & cylinder head tilt fixtures on the machine while using either fixtures.
- Easy to use.

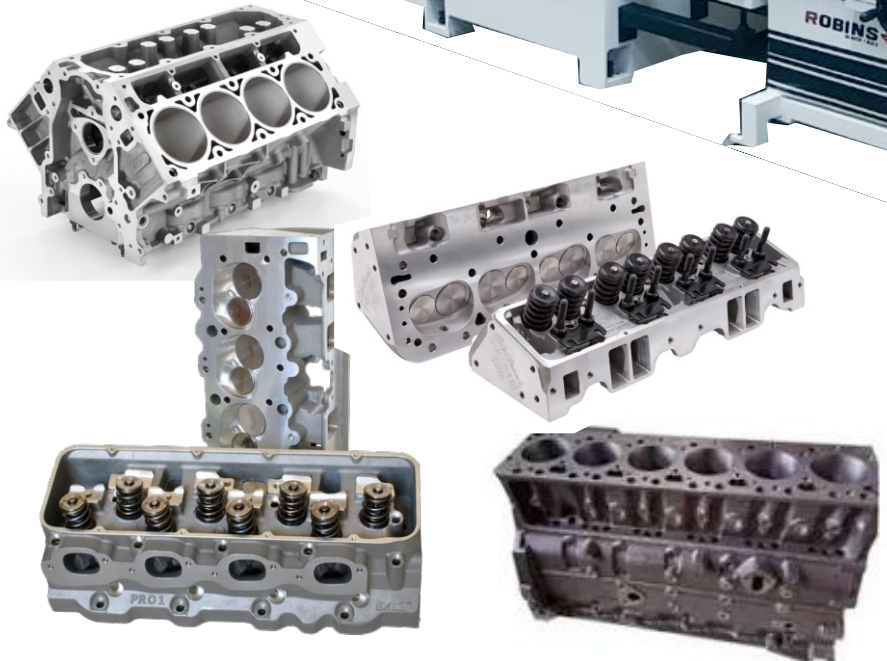
## PLATO BORING

## RUBi SURF



## RUBI-PLATO BORING

- New Block Boring Concept.
- Achieve rough honing surface parameters & Bore geometry in Plato-boring cycle.
- Unique V-Block Boring & Surfacing fixture (US Patented)
- No need to use exact size & locators.



## RUBI-SURF

- Achieve Surface finish down to 0.2 Ra m.(Best in the industry)
- Uses low friction turcite slideways.

**EVERY CUSTOMER SINCE 1983 HAS BEEN “ROBINS-TESTIMONIAL”**

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Plato boring tools



World's First **US PATENTED**  
US 2024 / 0042561 A1  
\*\*NO Precision Locators needed\*\*

## WORKING CAPACITY

### Cylinder Block Boring

Spindle Configuration	68 mm
Spindle Vertical Travel	320 mm
Boring Capacity	69-120 mm
Work Head Longitudinal Travel	95 mm
Spindle Motor	5 KW Servo
Spindle RPM	100-1200 Variable
Table to cutter bottom size	740 mm
Cyl. Block capacity	940x 500 x 500 mm

### Cylinder Head Surfacing

Spindle Configuration	95 mm
Spindle Vertical Travel	197 mm
X-axis Slides	Turcite
Work Head Longitudinal Travel	1040 mm
Cutter Diameter	350 mm
Cyl. Head Fixture Cross Travel	100 mm
Cyl. Head Fixture Tilt degrees	Front : 15 , Back : 30
Cyl. Head Fixture Parking on	Available
Extended Table	
Spindle Motor	AC Servo 2KW
Spindle RPM	200-1200 Variable