

ROBINS
SINCE 1983



Signature brand

Rubi Surf 1.7

SURFACING MACHINES

Simple - Smart !

NEW DESIGNS BY ROBINS

Heavy Duty Cylinder Head Surfacing Machines

ROBINS 'Smart Control' Simple-**M**anual-**A**uto-**R**eliable-**T**uff

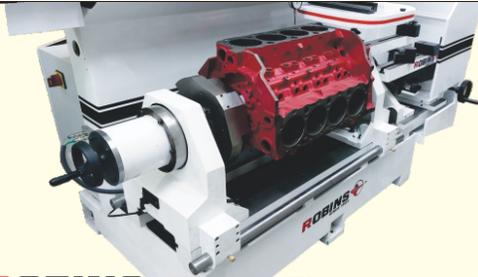


RUBI  **SURF**
1.7

SMART SCREEN CONTROLS ;

“Robins” operator friendly Software Specifically developed & designed for RubiSurf SMART Series machines offers productivity increase of 30% to 50%. Also superior finish and Surface flatness. All buttons and switches are eliminated saving operator time in set-ups. Feeding down the spindle shows exact spindle position. Tilt fixture float & clamp, High Precision Dual-Inserts Cutter head - up/down operations are all built in the software. Infinitely variable speed and feed rates can be pre-set.

New Concepts - New Patents - New Innovations ...above all else !



ROBINS... World's First (Patent pending)
Unique revolutionary concept for V6 & V8 Cyl. Blocks Machining.
****No Precision Locators needed****
Reference from either Main bearing bores / Cam shaft bores or Pan Rail surfaces!



Aluminium and cast iron cylinder heads



ROBINS... first
Optional Dual Axis Electronic & Bubble level (use either one)
Touch off / levelling dial indicator slides on linear guideways from front to back



Smart Series operator Panel display made simple and easy.
CNC Servo Controlled



Surface finish down to 0.8 Ra μ m
Best in the industry

SPECIFICATIONS RUBI SURF 1.7

- X-Axis Workhead Travel
- Cylinder Head Length
- Cutter head Diameter
- Spindle Speed
- Workhead feed rate
- Surface Finish
- X-Axis slideways
- Operator panel
- Lubrication

1000 mm

800 mm

350 mm

200 - 1000 RPM Variable (CNC AC SERVO)

125 to 500 mm/minute infinitely variable (CNC AC SERVO)

As low as 0.8 Ra μ m

Low friction Turcite slideways

RubiSurf Smart Series

Centrally lubricated

43
Years of
Legacy