



**Ultimate in Cylinder Head Surfacing Machines**



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

**RUBi**  **SURF**



**CNC Servo Controlled**  
**Simply - the best in**  
**the Industry**



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

**Rubi Surf 1.7 Specifications and features**

<b>42 Inches ( 1065 mm )</b>
Aprx 34 inches (865 mm)
14.0 inches (356 mm)
200 - 1000 RPM Variable <b>(CNC AC SERVO)</b>
125 to 500 mm/minute infinitely variable <b>(CNC AC SERVO)</b>
As low as 0.5 Ra $\mu$ m
Low friction Turcite slideways
RubiSurf Touch Screen Smart Series
Centrally lubricated

**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.



**ROBINS ...World's First**  
 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  
 Surface finish down to 0.5 Ra mm  
**Best in the industry**



Smart series Operator Panel  
 display made simple and easy.



**ROBINS ... first**

Dual Axis Electronic &  
 Bubble level (use either one)

Touch off / levelling dial indicator  
 slides on linear guideways  
 from front to back