

Original Design by Robins

Seat & Guide Machine extreme precision

NEW DESIGNS BY ROBINS

US 7,726,919 B1 | US 17879818 | US 17892165 (Patents pending)







**Precision Tooling** 



Carbide Pilots in 0.0001" increments





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ROBINS

Robins SG 5.1 model is the most reliable and economical cylinder head seat and guide machine on the market today. Robins combines precision carbide centering pilots with a light weight air float workhead to give you perfect centering with the valve guide - every time.

# **SPECIFICATIONS**

Max cyllinder head size	23"l x 10"w x 5"h (585mm x 254mm x 127mm)
Spindle Tilt	± 10 Degrees
Spindle Stroke	5.5" (140mm)
Spindle Speed	100 - 500 rpm
Electrics	220V/50-60HZ/1PH
Spring Free Tooling	Yes
Constant Varying Speed	Yes

#### **FEATURES**

- Spring free tooling
- High precision three angle tooling
- Quick change spherical drive system
- Eliminates bounce springs
- Variable spindle speed
- Reverse RPM for tapping

## **RECOMMENDED OPTIONS**

- 360 degree roll fixture-equal seat depth
- Spring Free Spherical adaptor
- Bubble/electronic level
- Rubi Hard 3-Angle inserts
- Micro Precision Carbide pilots
- Concentricity gauge

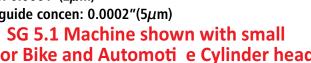
### upgrade to Robins

- Seat & guide
- Valve Refacers
- o Cyl. Head & Block Surfacing
- Guide Honing

#### WORKING ACCURACY

- Valve seat roundness: 0.0001"(2μm)
- ° Valve seat to honed-quide concen: 0.0002"(5µm)

Motor Bike and Automoti e Cylinder heads





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**EVERY CUSTOMER SINCE 1983 - IS ROBINS-TESTIMONIAL!**