

NEW DESIGNS BY ROBINS



Inventors of
Spring-Free Tooling

Precision Tooling



Premium multi-angle cutting inserts
Suitable for-
Powder Metal and hardened
Valve Seats



Carbide Pilots in 0.0001" increments



Insert Lapping
Device



Portable Vacuum
Unit



WATCH
ME
WORK

NEW DESIGNS BY ROBINS

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

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 cylinder 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
- NEW ◦ CVS Constant-Variable-Speed feature
- NEW ◦ 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
- Cyl. Head & Block Surfacing
- Guide Honing

WORKING ACCURACY

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

SG 5.1 Machine shown with small Motor Bike and Automoti e Cylinder heads

