

NEW

NOW FEATURING

- CVS Constant variable speed
- Threading / tapping made simple (Reverse / Forward) spindle RPM



Inventors of Spring-Free Tooling

Precision Tooling

RUBi-hardTM
 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

SPECIFICATIONS & FEATURES

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 6"h (585mm x 254mm x 152mm)
Spindle Tilt	± 10 Degrees
Spindle Stroke	5.75" (146 mm)
Spindle Speed	70 - 580 RPM
Electrics	220V/50-60HZ/1PH
Spring Free Tooling	Yes
Constant Varying Speed	Yes
Threading / Tapping Feature	Yes



CVS™

Constant variable spindle speed for chatter-free seats

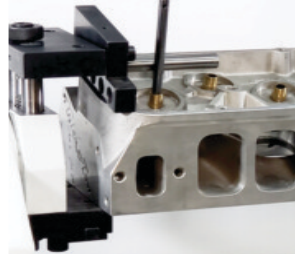


Low cost precision lapping device mounts in machine spindle



NANO-PRECISION CARBIDE PILOTS

- Fixed & Live (From 3.50 mm)
- OD Honed for longer life
- Zero tolerance (exact dia) custom pilots in 2 micron increments- (Robins Gold Series)



EQUAL SEAT DEPTH
Unique alignment device aligns all guides including canted guides.



Dual Axis digital level (optional)



Reverse RPM for Tapping Feature

WORKING ACCURACY

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



SG 5.1 Machine shown with 360 degree roll fixture and Small Motor Bike and Automotive Cylinder heads