
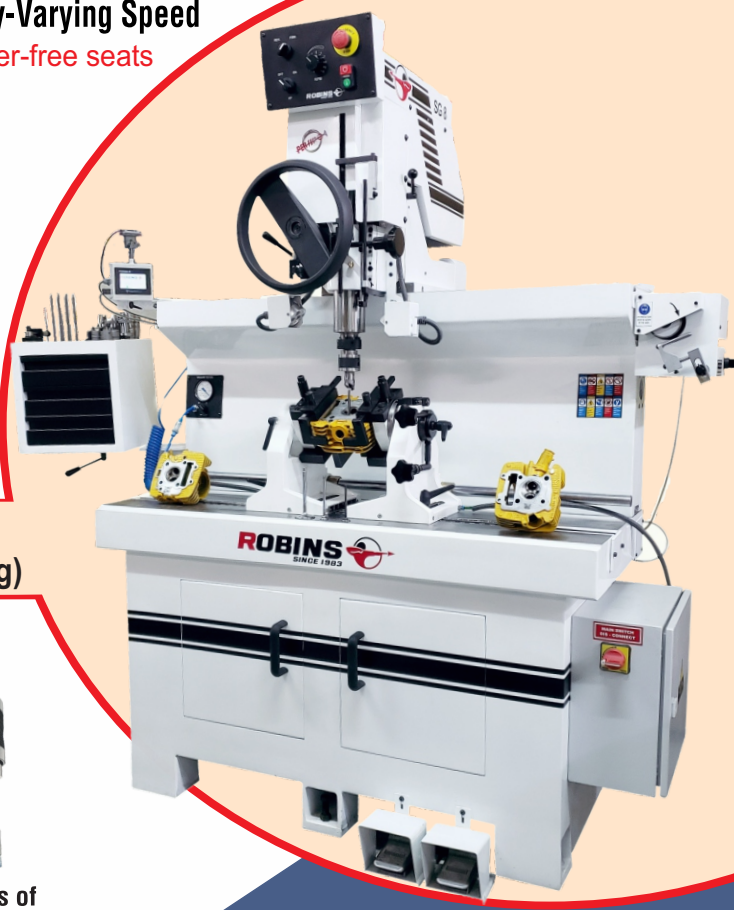


Constantly-Varying Speed
for chatter-free seats

Signature brand



 **RUBi-hard** TM
Premium multi-angle cutting inserts
Suitable for-
Powder Metal and hardened
Valve Seats



EXTRA-ORDINARY DESIGNS BY ROBINS

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

Dual axis digital level with smart screen showing precise spindle tilt and RPM. Align valve guides including canted heads faster & more accurately.

Optional 



Inventors of Spring-Free Tooling
(US Patent)

- Smallest motorcycle to diesel heads upto 40" long can easily be set up.
- Cylinder heads can be rotated 360 degrees effortlessly.

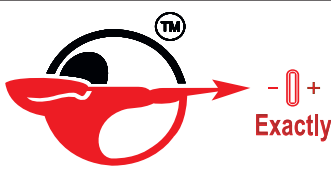


New Standard in Valve Seats & Guides

SG8 is specifically designed for machine shops that build small to large Cyl.Heads. Also Cylinder heads used in Natural Gas, Mining, Construction & Marine Engines. Fixed Pilot concept works the best to achieve ultimate chatter-free finish on Valve Seats & down to few microns concentricity. Large heads can be easily clamped and rolled full 360 degrees to allow work to be done on all slides of these cylinder heads. Difficult jobs such as Injector Tubes, drilling & tapping, repairing broken studs and threads can be easily done.

ROBINS

SINCE 1983



Signature brand

SG 8

SEAT & GUIDE MACHINE

FIXTURES & FEATURES

- Highest Possible Precision
- No Comparison
- Extra-ordinary

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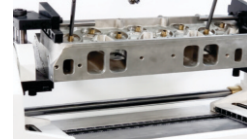
Patented technology vary spindle speed automatically for chatter-free seats.



360° ROLL OVER FIXTURE
Built-in degree wheel 90°. Positive lock for in-line cylinder heads.



C-FRAME FIXTURE
Extended clamping for difficult to mount cylinder heads.



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



INSERT LAPPING DEVICE (NEW)
Easy to lap Rubi Hard inserts to factory's original rake angle and mirror surface finish.



SINGLE CYLINDER SMALL DIA SEAT CUTTING
Single cylinder heads can easily be set up on Robins unique Roll Fixture.



AIR CRAFT CYL. HEAD CLAMP-KIT
Air Craft Clamp-Kit with custom tooling & Concen Gage



3-ANGLE CUTTING INSERTS
Over 400 Multi-angle profiles to choose from. Also Custom inserts.



SPRING FREE TOOLING
Invented in 2003. Patented and in use world-wide!



ROLL-FIXTURE (UNIVERSAL)
Fast set up of various types of Cylinder Heads



NANO-PRECISION CARBIDE PILOTS

- Fixed & Live (4-20mm range)
- OD Honed for longer life
- Zero tolerance (exact dia) custom pilots in 2 micron increments- (Robins Gold Series)



HEAVY DUTY DUAL AXIS ELECTRONIC LEVEL
Dual axis level (new) for canted heads



INSERT HOLDERS 3-Angle & Triangular
Counter boring; old seat ring removal & single angle Indexable holders.



ADAPTORS & DRIVERS
Drill/ Reamer drivers, 3-angle holders, collet chucks.



MEASURING DEVICES

- Concen Gages
- Tool setting device
- Counter boring micrometers
- Canted bar for canted heads

SG 8

SPECIFICATIONS

Cylinder Head Size (in Roll Fixture)	40" x 12" x 6" (812 x 254 x 127 mm)
Spindle Tilt	±15 Degrees
Electrics	220V/50-60HZ/1PH
Spindle Stroke	8.40" (213 mm)
Spindle Speed	30- 500 RPM
Micro Fine Feed	Yes
Spring Free Tooling	Yes
Constant Varying Speed	Yes



Constantly-Varying Speed for Chatter-Free Seats!



"BUILT FOR LIFE"

ROBINS
SINCE 1983



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Signature brand

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