
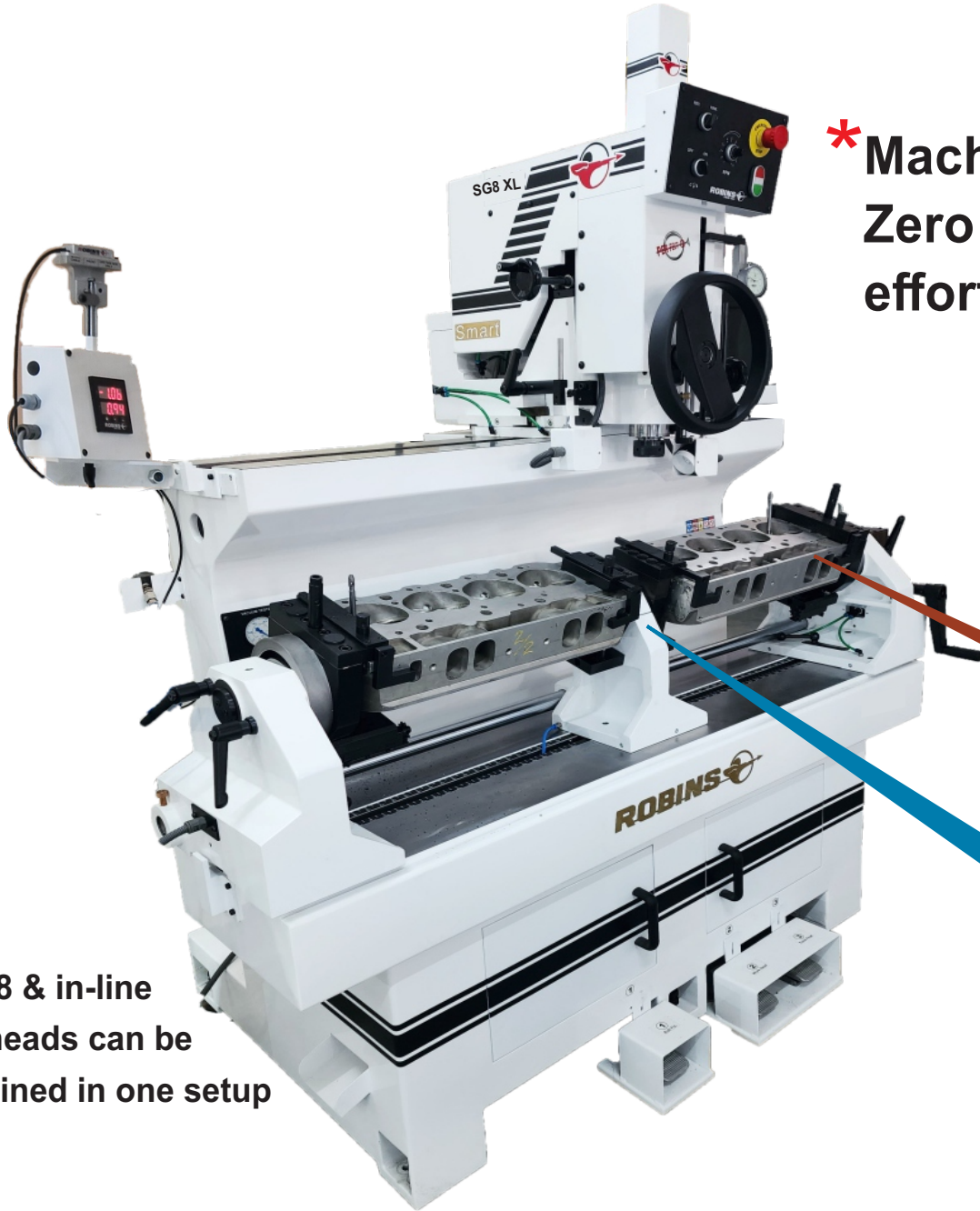


CVS[®]
Constantly-Varying Speed
Tried, Tested & Trusted
(testimonials / videos available)


Inventors of Spring-Free Tooling

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



*** Machine to precise Zero Seat depths effortlessly -**

V6, V8 & in-line Cyl. heads can be machined in one setup

Machine two Big Block Chevy V8 Cylinder heads in one set-up

Extra Heavy Duty Dual Fixture
Tried, Tested & Trusted testimonials / videos available

HEAVY DUTY SG 8XL



Constantly-Varying Speed
for Chatter - Free Seats !

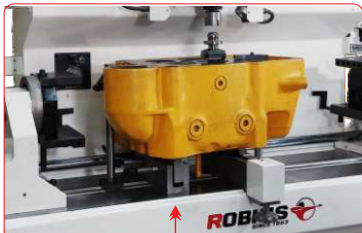


**SG 8 XL with Cummins
ISX 24 Valve Cylinder head**



Premium Multi-angle cutting inserts:

Suitable for-
Powder Metal and hardened
Valve Seats



**LARGE IN-LINE HEADS USING
TWO DEGREE TILT FIXTURE**



**AIRCRAFT CYLINDER
HEADS MACHINING**

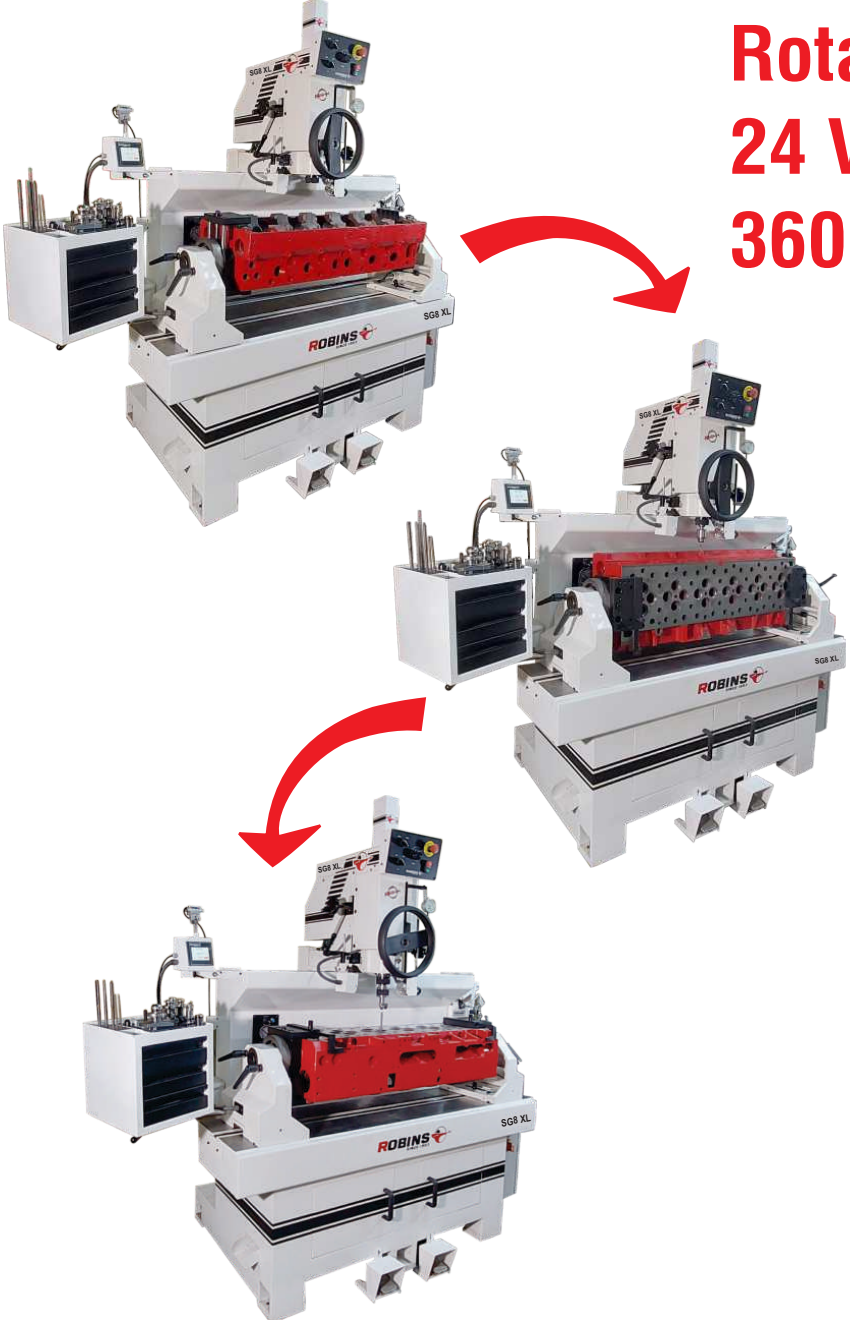


**TWO BIG BLOCK CHEVY
CYLINDER HEADS**



**EXTRA HEAVY
DUTY TOOLING**

- 20mm diameter shank pilots & tooling for large seats.
- Up to 150mm diameter seats can be machined below 0.0005" concen



**Rotate the largest
24 Valve Diesel Cyl Heads
360 Degrees --effortlessly!**



NEW STANDARD IN HEAVY DUTY VALVE SEATS & GUIDES

SG8 XL is specifically designed for machine shops that build small to large Cyl. Heads in Heavy Duty Industry from Single Cylinder to 24 valve six 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 24 Valve Heads can be easily clamped and rolled full 360 degrees to allow work to be done on all sides of these cylinder heads.
Difficult jobs such as Injector Tubes , drilling & tapping, repairing broken studs and threads are a breeze !

ORIGINAL DESIGN BY ROBINS US 7,726,919 B1 | US 17879818 | US 17892165 (Patents pending)



CVS
Constantly-Varying Speed
US Patent - for Chatter-Free Seats!

RUBi-hard
Premium Multi- angle cutting inserts:
Suitable for-
Powder Metal and hardened
Valve Seats



SG8 XL Specifications

- Cylinder Head Size (in Roll Fixture)
- Spindle Tilt
- Spindle Stroke
- Spindle Speed
- Concentricity
- Roundness
- Surface Finish
- Micro Fine Feed
- Spring Free Adaptors
- Constant Varying Speed **CVS**

	47" x 15" x 10" (1200 x 380 x 254 mm)
	±10 Degrees
	8.500" (216 mm)
	35 - 500 RPM
	0.0002" (5 microns) ... Honed Guides
	< 0.0002" (5 microns)
	< 0.6 Ra μm
	YES
	YES
	YES

ROBINS  **SINCE 1983** - 0+ Exactly

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www.RobinsMachines.com

Signature brand

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For further enquiries - please contact: "Robins" local Distributors :-

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EVERY CUSTOMER SINCE 1983 - IS ROBINS-TESTIMONIAL !