

ROBINS

SINCE 1983

Signature brand



Seat & Guide EZ matic

SIMPLE - SMART DESIGNS BY ROBINS

US 2024 / 0042561 A1 | US 17/892,165

Next Generation **AUTOMATIC** Seat & Guide Machine

RUBi SG 11 EZmatic

Manual- Auto- Manual



EZmatic

Cut by Wire

ROBINS Dual Centering System

EZ matic machines include additional centering / work head float system that precisely centers small diameter pilots in valve guides, ensuring near zero valve seat run-out.



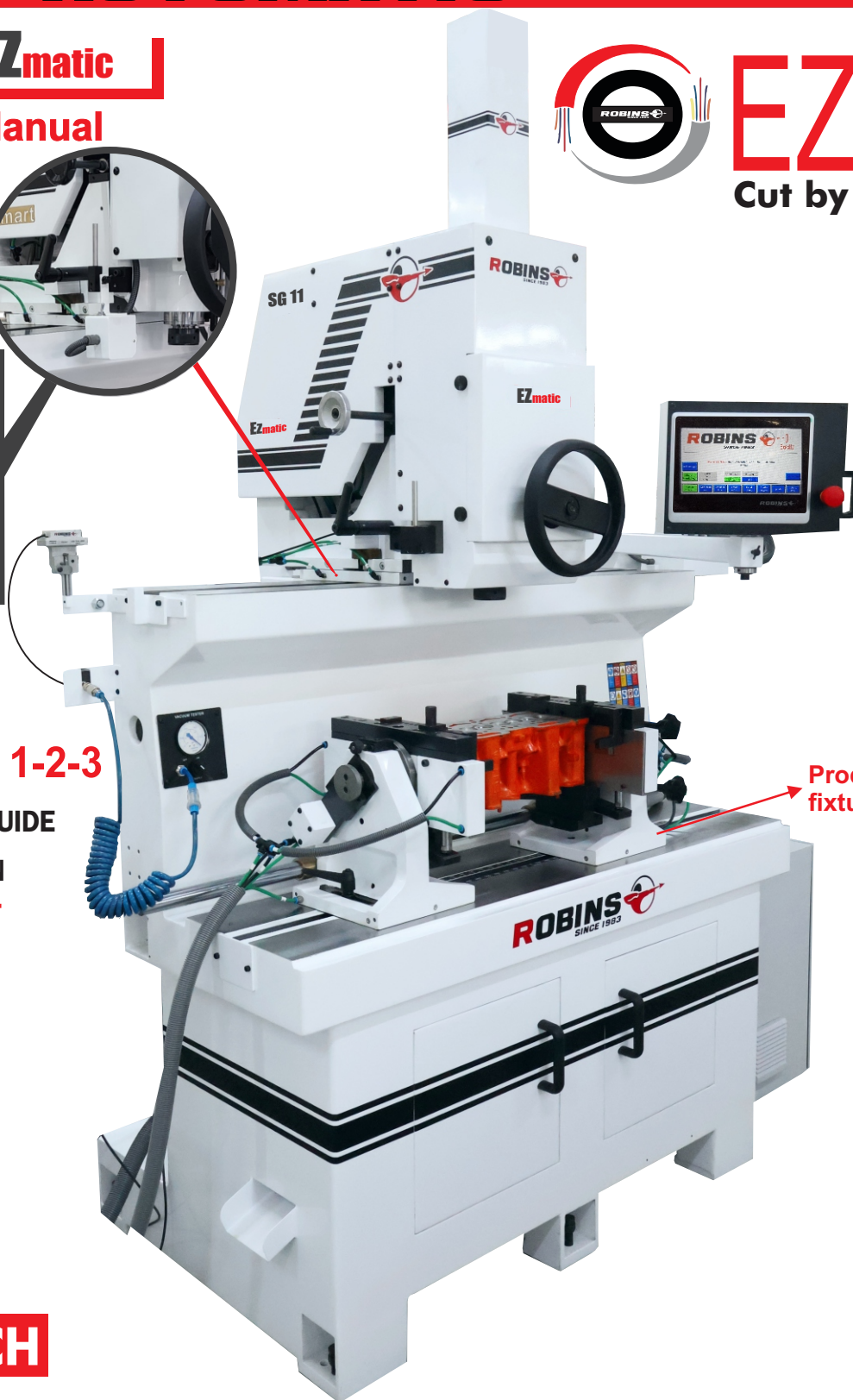
EZ-matic as easy as 1-2-3

1. LOWER PILOT INTO VALVE GUIDE
2. PRESS AUTO CYCLE BUTTON
3. EZ MATIC COMPLETES SEAT CUTTING AUTOMATICALLY

Production fixture (optional)



SCAN TO WATCH



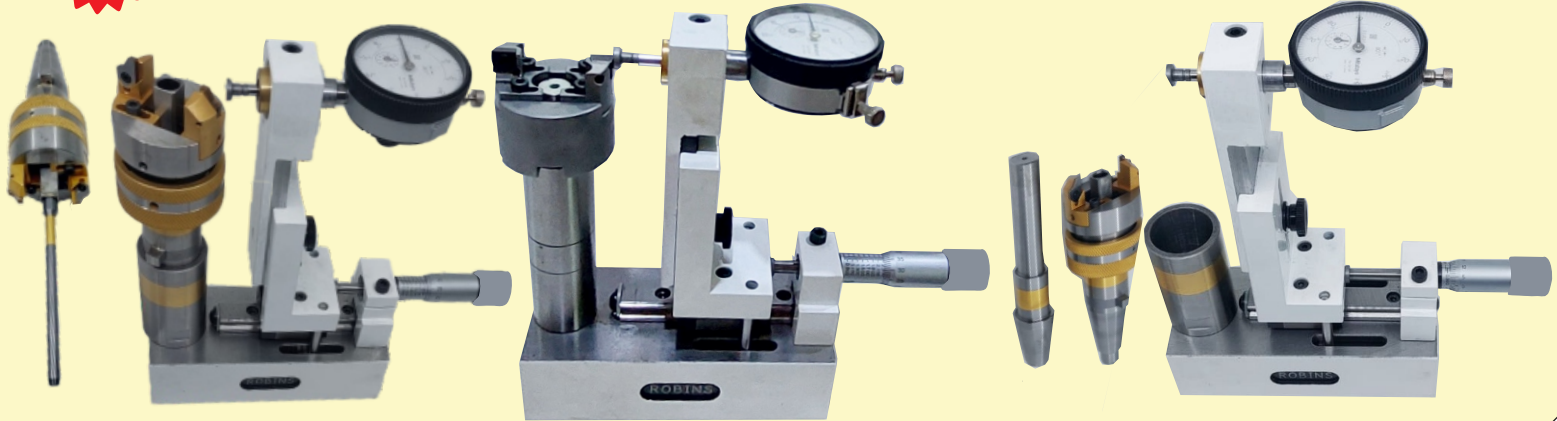
CREATING NEW MILESTONES & LEGACIES

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ROBINS FIRST...

NEWLY DEVELOPED GOLD SERIES SEAT & GUIDE TOOLING



Pre-set Exact Seat Dia On Robins Adjustable Dual-multi -angle Setting Fixture

Pre-set Counter Bore Cutters to exact size.

Gold Series Universal Fixture suitable for all makes of Seat & Guide Machines

EZ matic new features

- Manual - **Automatic** - Manual seat and guide machine.
- Switch from Manual to automated to Manual cycles with touch of a button.
- Valve Seats can be machined using Live or Fixed pilot tooling.
- Introducing Dual - multi angle seat cutting system that can be calibrated to exact seat dia .

SG 11 EZ matic Specifications

- Cylinder Head Size (in Roll Fixture)
- Spindle Tilt
- Spindle Stroke
- Spindle Speed
- Roundness
- Concentricity
- Surface Finish
- Auto Cycles
- Gold Series Adaptors
- Constant Varying c \checkmark s Speed

40 x 12 x 6"
1015 x 305 x 152 mm
± 15 Degrees
8.500" (216 mm)
30-500 RPM
< 0.0002" (5 microns)
0.0002" (5 microns) ... Honed Guides
< 0.5 Ra μ m (20Ra μ inches)
Yes
Yes
Yes

42
Years of
Legacy

ROBINS

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