



FS-X4 CNC Valve Head & Seat Turning Machine

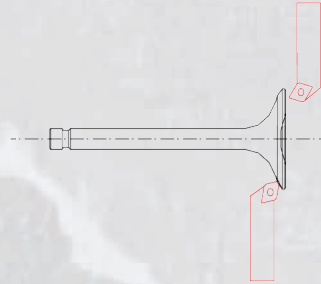
Key Points

- A Fast, Precise and Reliable Machine
- Cycle Time: 5 to 7 seconds
- Use by major valve manufacturers in Europe, USA and Asia
- Easy to set up and changeover
- Easy to link into fully automatic production lines



Valve Size Range (as standard)

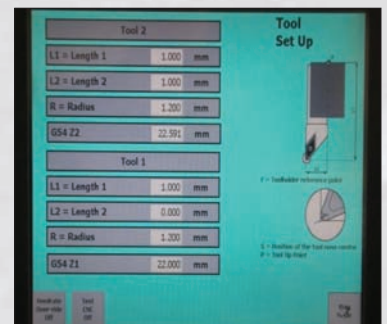
- Head Ø: 20 – 50 mm
- Stem Ø: 5 – 10 mm
- Overall length: 90 – 160 mm



[View Video](#)

Key Features:

- Two tools with standard indexable inserts can work simultaneously.
- Collet spindle controlled driven by a servo-motor with fast acceleration and deceleration and variable speed range up to 4500 rpm.
- Floating or rigid underhead support.
- In-process head thickness compensation
- Siemens 840Di 5-axis CNC control with 10" colour touch-screen interface. (Also FANUC Option)
- User-friendly interface for program selection, tool wear compensation etc.
- Modem / Internet link for remote diagnostics and programming.
- Rugged, fast pneumatically actuated loading system.
- Integrated coolant system and swarf conveyor.



Capability

- The machine can typically achieve Pp values > 1.67 for drawing tolerances of:
- Datum to Face: +/- 0.050 mm
- Run-out (TIR): < 0.1mm



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