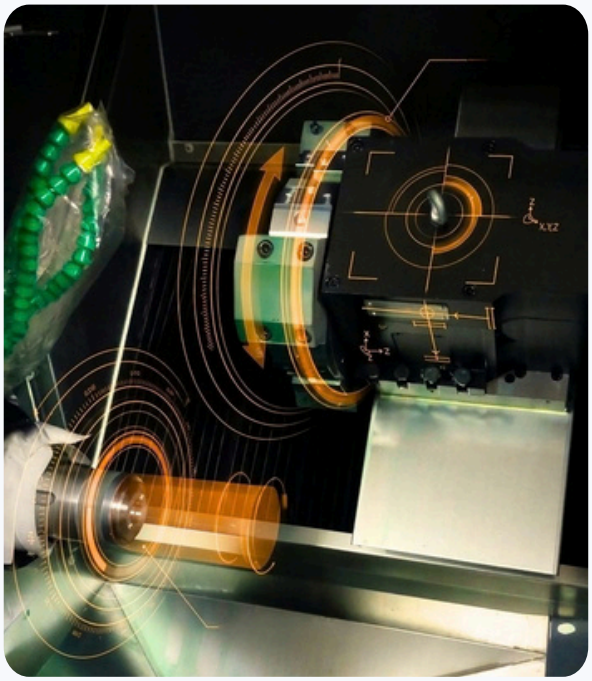
BULUNMAZ | Flexi 2
JEWELRY MACHINES

THE SMART UPGRADE TO PROFESSIONAL RING PRODUCTION

From Manual Production to Professional CNC



Designed for jewelry manufacturers ready to move beyond manual ring production, Flexi 2 Lathe delivers higher precision, greater consistency and increased production efficiency in one professional CNC solution.



MANUFACTURING CAPABILITIES

TECHNOLOGY THAT EXPANDS WHAT YOU CAN PRODUCE

Professional CNC technologies developed for precise, consistent and efficient ring manufacturing.

- Precision CNC Turning
- Oil Machining System
- Excellent Repeatability
- Reduced Operator Dependency
- Easy Program Storage

MANUFACTURING VERSATILITY

ONE MACHINE. MORE PRODUCTS.



WHY FLEXI?

BUILT AROUND JEWELRY MANUFACTURING

More than a CNC machine, Flexi combines purpose-built design, jewelry manufacturing expertise and long-term technical support to help manufacturers produce with greater confidence.

- Purpose-Built Solutions
- Built for Jewelry Manufacturing
- Long-Term Technical Support
- 40+ Years of Manufacturing
- Continuous Product Development
- Flexi Manufacturing Ecosystem

KNOW RHINO®? YOU'RE ALREADY ONE STEP CLOSER TO CNC.

Build on the design skills your team already has. Move from Rhino design to practical CNC jewelry production with Flexi training.

TECHNICAL SPECIFICATIONS

PRODUCTION CAPACITY & FLEXIBILITY	Machining	3-axis CNC turning center (X, Z, C) — C axis is a driven/programmable axis supporting positional indexing, not just a spindle-orientation display
	Automatic tool changer	Up to 6 tools (turret)
	Bar feeding	Automatic bar feeding, 30 mm catch-and-pull per cycle
	Spindle clamping capacity	Max Ø45 mm
	Collet chuck	Pneumatic, CK36
	Tool holder	10x10 mm, Ø16 mm
PRECISION & QUALITY	Transmission component repeatability	± 0.005 mm (Rexroth, Germany)
	Control system	Syntec 22TA Plus industrial CNC controller (model F01-22TA-P-8N LINUX_M3)
SPEED & EFFICIENCY	Spindle — standard (belt-driven)	1.8 kW, normal operating speed 2000 rpm, basic max speed up to 3000 rpm
	Spindle — optional (built-in electric)	Up to 4000 rpm, water-cooled (chiller required); power rating not yet fully confirmed — pending final OEM figure, in-house reference suggests approx. 4–5 kW *(TBD, to be revisited in next confirmation round)*
	Lubrication	Automatic, timed oiling — no manual greasing needed
PHYSICAL & INSTALLATION	Axis strokes	X 150 mm · Z 180 mm · C: rotary/positional axis (no linear stroke)
	Machine weight	1.0 ton (1,000 kg)
	Footprint (W x D x H)	850 x 1170 x 1750 mm
	Power requirement	220V / 50Hz

START YOUR CNC JOURNEY WITH CONFIDENCE

Every factory is different.Tell us about your production goals, and let's find the right Flexi solution for your business.

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www.bulunmaz.com
+90 532 561 99 62
info@bulunmaz.com