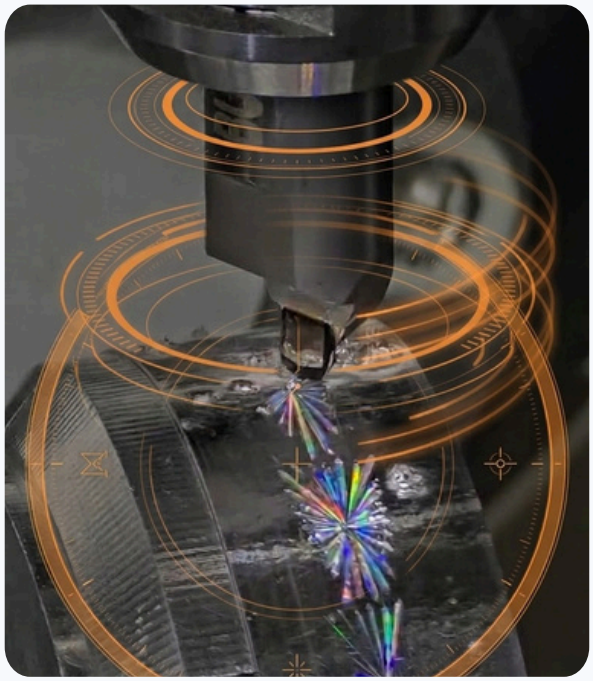
BULUNMAZ | Flexi 9
JEWELRY MACHINES

COMPETE BEYOND STANDARD

Turn Distinctive Jewelry Design Into Repeatable Production.



Flexi is a jewelry-focused CNC platform that helps manufacturers create more distinctive designs, achieve consistent quality and reduce reliance on manual craftsmanship. Built for real jewelry production, it combines advanced CNC technology with a practical, flexible workflow.



MANUFACTURING CAPABILITIES

TECHNOLOGY THAT EXPANDS WHAT YOU CAN PRODUCE

Combine precision CNC machining with specialized jewelry-production technologies to create more designs, more fi nishes and more product variations.

- Bright Cutting & Diamond Cutting
- Color Surface Effects
- Automatic Tool Changing
- Horizontal Spindle
- Multi-Axis Machining

MANUFACTURING VERSATILITY

ONE MACHINE. MORE PRODUCTS.



WHY FLEXI?

BUILT AROUND JEWELRY MANUFACTURING

Flexi combines industrial CNC technology with jewelry-specific applications, practical manufacturing knowledge, structured training and long-term technical support.

It is designed not simply to machine jewelry, but to help manufacturers adopt CNC successfully, expand their capabilities and build a more consistent production process.

- Jewelry-Specific CNC Platform
- Industrial CNC Technology
- 40+ Year in Jewelry Manufacturing
- Training & Application Support
- Long-Term Technical Support
- Continuous Product Development

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	9-axis synchronized machining — vertical + horizontal spindle work together in a single setup
	Automatic tool changer	Up to 11 tools ready at once — 7 on the vertical spindle, 4 on the horizontal spindle; 1 of these positions holds the ultrasonic/color tool
	Dual-spindle design	Vertical spindle for engraving/milling, horizontal spindle for diamond-cut work — switches between many tools automatically, unlike single-tool horizontal setups
	Color / ultrasonic engraving	Built-in ultrasonic color spindle, part of the horizontal tool set
	Collet system	ER-16, ER-11 — standard, easy-to-source consumables
PRECISION & QUALITY	Repeatability	±0.005 mm (Rexroth, Germany transmission components)
	Work flatness	±0.005 mm
	Tool holder (vertical spindle)	HSK-E25 — high-rigidity, high-precision clamping
	Tool holder (horizontal spindle)	T11-ER11
	Control system	Syntec 220MB-10.4" industrial CNC controller
SPEED & EFFICIENCY	Vertical spindle	3.7 kW, up to 45,000 rpm, water-cooled with flow-alarm
	Horizontal spindle	2.5 kW, up to 60,000 rpm, water-cooled with flow-alarm
	Surface fi nish	Oil-cooling system for a bright, shiny fi nish
	Lubrication	Automatic, timed oiling — no manual greasing needed
PHYSICAL & INSTALLATION	Axis strokes	X 590 mm · Y 328 mm · Z1 397 mm · Z2 375 mm
	Machine weight	1,600 kg
	Footprint (W x D x H)	1260 x 1260 x 2100 mm (2400 mm with oil mist separator)
	Front door	Sliding door
	Power requirement	380V / 50Hz, three-phase

SHOW US WHAT YOU WANT TO PRODUCE.

Tell us what you manufacture today — or send us the piece you want to manufacture next.

BUILT FOR MANUFACTURERS WHO COMPETE BEYOND STANDARD

BULUNMAZ JEWELRY MACHINES

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