



K25 SWISS LATHE

HIGH PRECISION. HIGH-VOLUME PRODUCTION TURNING.

A high-precision, CNC-controlled Swiss lathe with sliding headstock, purpose-built for the demanding tolerances of medical, aerospace & defense, automotive, electronics, and general small-parts manufacturing.

7-Axis

HIGH PRECISION

988TD *New*

CNC CONTROL

5,700 *lbs*

ONE-PIECE BASE



1516 E. Edinger Ave. B, Santa Ana, CA 92705

Phone: (949) 359-3434 · www.cncnew.com

▶ QUICK SPECIFICATIONS AT A GLANCE

7-AXIS HIGH PRECISION.

Extended Capacity & Precision: Handle larger, complex small-diameter parts with sub-micron accuracy, anchored by a rigid cast-iron base for flawless 0.002mm repeatability.

Control Options	GSK 988TD · Fanuc Avail.
Max Part Length	200mm · Sub 80mm
Spindle Drive	5 HP · Servo C-Axis
Spindle Speed	10,000 / 8,000 RPM
Rapid Traverse	32,000 mm/min
Footprint	85" × 49" × 72"

K25 GALLERY



12-Ft Bar Feeder System



▶ PRECISION & PERFORMANCE

ENGINEERED FOR UNMATCHED ACCURACY & SPEED.

▶ **INDUSTRY-LEADING CONTROLS**

Powered by the new GSK 988TD dual-core CNC — 12 feed axes, 6 spindles, 1ms interpolation, 0.1 μ m accuracy. Fanuc also available.

▶ **PREMIUM MOTION COMPONENTS**

C3 precision ground ball screws and H-style linear rails from leading Japanese and European manufacturers — ± 0.002 mm travel deviation.

▶ **SERVO C-AXIS SPINDLE MOTOR**

10,000 rpm main spindle · 8,000 rpm sub-spindle.
Built for rapid, continuous duty cycles in high-production Swiss machining.

▶ **LIQUID-TIGHT MOTOR CABLES**

Fully sealed electrical components and cabling engineered for coolant resistance and long-term reliability.



CNC NEW

GANG TOOL LATHES • SINCE 1991

TRUSTED SUPPORT

FROM CNC NEW, INC.

Southern California-assembled machine tool experts.

- ✓ **Single-Source Electronics.** Seamless integration and iron-clad reliability across all machine electronics.
- ✓ **Hands-On Expertise.** Deep knowledge of PLCs, ladders, and complex wiring ensures troubleshoot-free operations.
- ✓ **Lifetime Support.** Rapid service and a massive inventory of spare parts stocked at our California facility.

We build, service, and support these machines for the long haul.

► MACHINE & BAR FEEDER ATTACHMENT

K25 + UF-326 BAR FEEDER.

The K25 Automatic Gang-Style Swiss Lathe paired with the UF-326 Servo-Driven Bar Feeder — engineered for both sliding and fixed headstock machines for maximum versatility.



K25 · GANG-STYLE SWISS LATHE + UF-326

UF - 326

BAR FEEDER BENEFITS

- Frees operator for other duties
- Precise bar loading & support
- Runs at maximum spindle speeds
- Enables lights-out manufacturing

UF - 326

SPECIFICATIONS

Range of Bar Diameters	26 mm
Maximum Bar Length	12.5 ft
Machine Weight	1,875 lbs · 850 kg
Feed Drive	AC Servo Motor

▶ FULL SPECIFICATIONS

K25 SPECIFICATIONS.

SPECIFICATION	SAE	METRIC
---------------	-----	--------

CAPACITIES

Max. Bar Capacity	0.98 in	25 mm
Max. Part Length	7.87 in	200 mm
Max. Part Length Sub-Spindle	3.14 in	80 mm
Max Drill Diameter Axial	0.39 in	Φ10 mm
Max Tapping Diameter Axial	0.2657 in	M8

AXES RAPID SPEEDS

X1 Rapid Speed	1,260 in/min	32,000 mm/min
Y1 Rapid Speed	1,260 in/min	32,000 mm/min
Z1 Rapid Speed	1,260 in/min	32,000 mm/min
X2 Rapid Speed	1,260 in/min	32,000 mm/min
Z2 Rapid Speed	1,260 in/min	32,000 mm/min

SPINDLES

Main Spindle Bore	1.06 in	27 mm
Max Spindle Speed	10,000 rpm	10,000 rpm
Max Sub-Spindle Speed	8,000 rpm	8,000 rpm

▶ FULL SPECIFICATIONS

K25 SPECIFICATIONS.

SPECIFICATION	SAE	METRIC
---------------	-----	--------

TOOL STATIONS

O.D. Tools	Five	Five
Front Cutting Tools	Four	Four
Radial Tools	Four	Four
Tool Holder Size	12 × 12 × 100~120 mm	

MOTORS & REQUIREMENTS

Main Spindle	5 HP	3.7 kW
Axes Motors	1 HP (750 W)	0.75 kW, 4 Nm
Live Tool Motors	¾ HP (600 W)	0.6 kW, 3.2 Nm
Coolant Capacity	32 gallons	100 Liters
Power Required	30 kVA · 208–240V 3-Phase	

MACHINE DIMENSIONS

Machine Height	72 in	1,830 mm
Sheet Metal Length	85 in	2,165 mm
Sheet Metal Width	49 in	1,205 mm
Machine Weight	5,732 lbs	2,600 kgs

► VERSATILITY & AUTOMATION

CONFIGURE FOR **HANDS-FREE** PRODUCTION.

24/7 LIGHTS-OUT AUTOMATION

Integrate robotic arm loaders, vibratory bowl feeders, or optional bar feeders to keep your K25 running unattended around the clock.

UF-326 12-FT BAR FEEDER

Pair with our dedicated 12-foot servo-driven bar feeder for continuous slug production. Raw stock in, finished parts out — automatically.

CHIP CONVEYORS & CATCHERS

Automated chip evacuation prevents thermal buildup. Part catchers protect high-value components on every cycle.

UF-326 BAR FEEDER SPECIFICATIONS

Bar Diameter Range: 26 mm

Maximum Bar Length: 12.5 ft

Machine Weight: 1,875 lbs · 850 kg · AC Servo Motor feed drive.

GSK 988TD CONTROL HIGHLIGHTS

Display: 8.4" or 10.4" LCD with lower operator panel.

Control: Up to 12 feed axes and 6 spindles in dual-channel mode.

Speed: 1ms interpolation, 0.1µm accuracy, 100 m/min rapid traverse.

▶ VERSATILITY & AUTOMATION

CONFIGURE FOR **HANDS-FREE** PRODUCTION.

ADVANCED MACHINING

GSK 988TD DUAL-CORE CNC SYSTEM.

High-performance, dual-core CNC for complex turn-mill operations — single or dual-channel with integrated robotic arm control, polygon cutting, multiple G-code sets, and full synchronous control across all spindles and feed axes.

▶ THE RESULT

Versatile, flexible, and reliable operation that scales with your high-volume small-parts manufacturing needs.

▶ WARRANTY & SUPPORT

IRON-CLAD WARRANTY & SUPPORT.

Your precision production can't afford downtime — and with CNC New behind your K25, it won't have to. Every K25 is backed by our comprehensive warranty and supported directly from our Santa Ana, California headquarters.

- **1-Year Mechanical Warranty:** Complete coverage on all mechanical components — spindle, gang tool slide, ballscrews, guideways.

- **2-Year Electrical Warranty:** Industry-leading protection on all drives, servo motors, cables, encoders, and CNC controls.

- **OEM Control Warranties:** Manufacturer-level protection backed directly by Fanuc and GSK — global coverage.

- **Direct U.S.-Based Support:** Speak directly to the engineers who build, configure, and program these machines.

- **Massive On-Site Inventory:** We maintain a large inventory of spare parts for immediate dispatch.

- **Remote Diagnostics:** Techs can troubleshoot and resolve programming issues remotely.

"Purchasing a machine from an importer often means you are on your own after the sale. We have over 30 years of PLC development and CNC integration experience under one roof. We build them. We warrant them. We support them for life."



▶ FREE CONSULTATION

ARRANGE A COMPLIMENTARY 20-MINUTE
CONSULTATION WITH **MIKE**, OUR SALES
ENGINEER.

(949) 359-3434



CNC New, Inc.

1516 E. Edinger Ave. B, Santa Ana, CA 92705

Phone: (949) 359-3434 · www.cncnew.com