

| AUTOMATIC GANG-STYLE SWISS LATHE • HIGH-VOLUME PRECISION TURNING

# 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.



1516 E. Edinger Ave. B, Santa Ana, CA 92705  
Phone: (949) 359-3434 | [www.cncnew.com](http://www.cncnew.com)

**7-Axis**  
HIGH PRECISION

**988TD**  
**New**  
CNC CONTROL

**5,700lbs**  
ONE-PIECE BASE

▶ 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, and 0.1µm accuracy. Fanuc also available.

▶ **PREMIUM MOTION COMPONENTS**

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

▶ **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 environments.

▶ **LIQUID-TIGHT MOTOR CABLES**

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



**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 on your floor.
- ✓ **Lifetime Support.** Rapid service and a massive inventory of spare parts stocked directly at our California facility.

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

▶ QUICK SPECIFICATIONS AT A GLANCE

# 7-AXIS HIGH PRECISION.

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

Control Options

**GSK 988TD · Fanuc Available**

Max Part Length

**200mm · Sub 80mm**

Spindle Drive

**5 HP · Servo C-Axis**

Spindle Speed

**10,000 / 8,000 RPM**

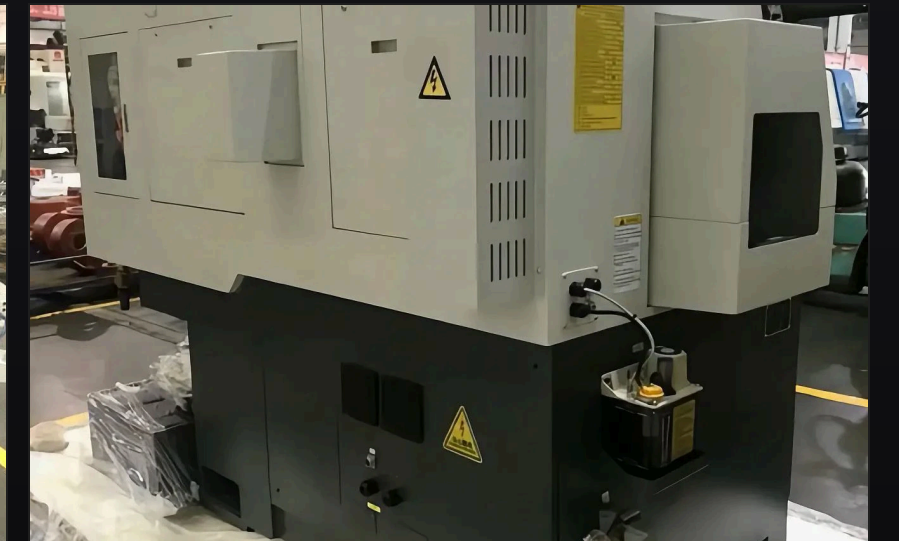
Rapid Traverse

**32,000 mm/min**

Footprint

**85" × 49" × 72"**

## K25 GALLERY



12-Ft Bar Feeder System



► 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. Giving you the edge in productivity.



K25 • AUTOMATIC GANG-STYLE SWISS LATHE + UF-326 BAR FEEDER

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	1875 lbs., 850 kg
Feed Drive	AC Servo Motor

► FULL SPECIFICATIONS

# K25 SPECIFICATIONS.

SPECIFICATION	STANDARD / S.A.E.	METRIC
<b>CAPACITIES</b>		
Max. Bar Capacity	<b>0.98 in</b>	<b>25 mm</b>
Max. Part Length	<b>7.87 in</b>	<b>200 mm</b>
Max. Part Length Sub-Spindle	<b>3.14 in</b>	<b>80 mm</b>
Max Drill Diameter Axial	<b>0.39 in</b>	<b>φ10 mm</b>
Max Tapping Diameter Axial	<b>0.2657 in</b>	<b>M8</b>
<b>AXES RAPID SPEEDS</b>		
X1 Rapid Speed	<b>1,260 in/min</b>	<b>32,000 mm/min</b>
Y1 Rapid Speed	<b>1,260 in/min</b>	<b>32,000 mm/min</b>
Z1 Rapid Speed	<b>1,260 in/min</b>	<b>32,000 mm/min</b>
X2 Rapid Speed	<b>1,260 in/min</b>	<b>32,000 mm/min</b>
Z2 Rapid Speed	<b>1,260 in/min</b>	<b>32,000 mm/min</b>
<b>SPINDLES</b>		
Main Spindle Bore	<b>1.06 in</b>	<b>27 mm</b>
Max Spindle Speed	<b>10,000 rpm</b>	<b>10,000 rpm</b>
Max Sub-Spindle Speed	<b>8,000 rpm</b>	<b>8,000 rpm</b>

SPECIFICATION	STANDARD / S.A.E.	METRIC
<b>TOOL STATIONS</b>		
O.D. Tools	<b>Five</b>	<b>Five</b>
Front Cutting Tools	<b>Four</b>	<b>Four</b>
Radial Tools	<b>Four</b>	<b>Four</b>
Tool Holder Size	<b>12 × 12 × 100~120 mm</b>	
<b>MOTORS &amp; REQUIREMENTS</b>		
Main Spindle	<b>5 HP</b>	<b>3.7 kW</b>
Axes Motors	<b>1 HP (750 W)</b>	<b>0.750 kW, 4 Nm</b>
Live Tool Motors	<b>¾ HP (600 W)</b>	<b>0.600 kW, 3.2 Nm</b>
Coolant Capacity	<b>32 gallons</b>	<b>100 Liters</b>
Power Required	<b>30 kVA · 208–240V 3-Phase</b>	
<b>MACHINE DIMENSIONS</b>		
Machine Height	<b>72 in</b>	<b>1,830 mm</b>
Sheet Metal Length	<b>85 in</b>	<b>2,165 mm</b>
Sheet Metal Width	<b>49 in</b>	<b>1,205 mm</b>
Machine Weight	<b>5,732 lbs</b>	<b>2,600 kgs</b>

► VERSATILITY & AUTOMATION

# CONFIGURE FOR **HANDS-FREE** PRODUCTION.

AUTOMATION-READY

## 24/7 LIGHTS-OUT AUTOMATION

Integrate robotic arm loaders, vibratory bowl feeders, or optional bar feeder systems to keep your K25 running unattended — nights, weekends, and around the clock.

## UF-326 12-FT BAR FEEDER SYSTEM

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, while 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.

## 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, and every moving part in between.
- 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 on every control system.
- 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 at our California facility 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."*



**CNC New, Inc.**

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