

| 6-AXIS CNC MACHINE LOADER • TURNKEY AUTOMATION CELL

GSK **RB08Q1** Robotic Workstation

HIGH-SPEED. SEAMLESS CNC AUTOMATION.

High-speed, seamless automation for CNC applications. Keep your spindle running and your operators safe — built for the harsh realities of the shop floor and paired with the GT-15 gang tool turning center.



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

1,440mm
MAX REACH

8kg
PAYLOAD

IP65
SEALED • 1-DAY
SETUP



GT-15 + RB08Q1 · TURNKEY AUTOMATION CELL

▶ HOW IT WORKS — PLUG IN, PROGRAM & PRODUCE

TURNKEY AUTOMATION PACKAGE.

Maximize spindle uptime and eliminate manual loading. Lathe, robot, and controls — fully synced, drop-in ready.

GANG TOOL LATHE

GT-15

- ▶ 18" X-axis travel
- ▶ GSK or Fanuc controls
- ▶ Axial · radial live tooling
- ▶ Single-piece heavy casting

+

6-AXIS ROBOTIC

RB08Q1

- ▶ 1,440 mm working reach
- ▶ 8 kg payload · ±0.05 mm
- ▶ IP65 shop-floor sealed
- ▶ Single-day teach-in setup

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DONE-IN-ONE

LIGHTS-OUT

- ▶ Lathe, control & loader synced
- ▶ Palletized "drop-in" design
- ▶ Done-in-one machining
- ▶ Built & supported in California

▶ THE GT-15 CNC GANG TOOL TURNING CENTER

GT-15 KEY FEATURES.

▶ LIGHTNING-FAST CYCLES

The ultimate mid-sized 5-axis gang tool lathe with live tooling for high-volume precision turning.

▶ MASSIVE OUTPUT, COMPACT FOOTPRINT

Packs a high-performance 4,500 RPM servo spindle into a space-saving 88" × 57", optimizing floor density without sacrificing turning capacity.

▶ COMPLETE PART PROCESSING

A multi-tasking mill-turn center with axial, radial, and C-axis tools to eliminate secondary operations.

▶ SIMULTANEOUS 5-AXIS POWER

Machine complex geometries in a single setup with simultaneous 5-axis interpolation and undercutting.

GT-15 CNC TURNING CENTER GALLERY



▶ GSK RB08Q1 ROBOTIC WORKSTATION

GSK RB08Q1 KEY FEATURES.

Purpose-built for CNC machine tending — engineered for rapid loading and unloading of disk and shaft workpieces.

▶ OPTIMIZED MACHINE TENDING

Purpose-built for CNC integration — engineered for rapid, automated loading and unloading of disk and shaft workpieces.

▶ HIGH-SPEED AGILITY

The lightweight 75 kg (165 lbs) structural frame enables lightning-fast cycles with an ultra-precise ± 0.05 mm repeatability.

▶ IP65 DURABILITY

Fully sealed against abrasive shop dust and aggressive cutting fluids to thrive in severe machining environments.

▶ FLEXIBLE MOUNTING

Reclaim vital floor space by mounting the unit directly to the floor, ceiling, or wall.

GSK RB08Q1 ROBOTIC WORKSTATION



▶ 6-AXIS ROBOTIC WORKSTATION

GSK RB08Q1 SPECIFICATIONS.

SPECIFICATION	VALUE	SPECIFICATION	VALUE
GENERAL		JOINT MOTION RANGE	
Model	GSK RB08Q1	J1 — Base Rotation	±170°
Axes	6-Axis	J2 — Lower Arm	+120° / -85°
Payload Capacity	8 kg / 17.6 lbs	J3 — Upper Arm	+75° / -155°
Machine Weight	75 kg / 165 lbs	J4 — Wrist Roll	±180°
REACH & ACCURACY		MAXIMUM SPEED	
Standard Work Reach	1,440 mm	J1, J2, J3	130°/s
Max. Horizontal Reach	1,500 mm	J4	420°/s
Max. Vertical Reach	1,600 mm	J5	252°/s
• Repeated Position Accuracy	±0.05 mm		620°/s

GSK RB08Q1 SPECIFICATIONS

SL 620°/s / 07

▶ CNC TURNING CENTER / LATHE

GT-15 SPECIFICATIONS.

SPECIFICATION	S . A . E .	SPECIFICATION	VALUE
CAPACITIES & SPINDLE			
Max Turning Diameter	15.74 in	Positional Repeatability	±0.0001 in
Max Swing Over Table	7.55 in	Positional Accuracy	±0.0001 in
Bar Capacity	1.96 in	Positional Resolution	±0.00005 in
Spindle Bore	2.40 in	Spindle Runout	0.00005 in
Drawtube Bore	1.96 in	PHYSICAL & UTILITY	
TRAVELS & FEEDRATES			
X-Axis Travel	17.75 in	Coolant Reservoir	18.5 Gal / 70 L
Z-Axis Travel	13.00 in	Coolant Pump Power	3/4 hp / 0.5 kW
Rapid Travel (X)	900 in/min	Floor Footprint	68×35 in
Rapid Travel (Z)	11,500 in/min	Machine Height	63.00 in / 1,600 mm
Max Axis Feed Rate	400 in/min		

● CNC Max Axis Feed Rate

WARRANTY & SUPPORT.

Your production never stops, and neither do we. Every GSK RB08Q1 and GT-15 is backed by our warranty and supported directly from our Santa Ana, California headquarters.

- 1-Year Mechanical Warranty:** Full coverage on all mechanical components — protected from day one.
- 2-Year Electrical Warranty:** Industry-leading coverage on all drives, servo motors, cables, and controllers.
- OEM Manufacturer Warranty:** Global component protection backed by the original machine and robotics makers.
- Direct U.S.-Based Support:** Speak directly to the CNC New engineers who configure, integrate, and program your cells.
- Massive On-Site Parts Inventory:** Spindle components, end-of-arm tooling, and electronics stocked in Southern California for immediate dispatch.



"Buy automation from an importer and you're on your own after the sale. We have over 30 years of PLC and robotic integration experience under one roof. We integrate them. We warrant them. We support them for life."



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