



# GSK **RB08Q1** Robotic Workstation

HIGH-SPEED. SEAMLESS CNC AUTOMATION.

High-speed, seamless automation for CNC applications. Keep your spindle running and your operators safe — paired with the GT-15 gang tool turning center for a turnkey, drop-in production cell.

**1,440mm**  
MAX REACH

**8kg**  
PAYLOAD

**IP65**  
SEALED • 1-DAY  
SETUP



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

Phone: (949) 359-3434 • [www.cncnew.com](http://www.cncnew.com)

▶ 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.



GT-15 + RB08Q1 · TURNKEY AUTOMATION CELL

## GANG TOOL LATHE

### GT-15

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

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## 6-AXIS ROBOTIC

### RB08Q1

- 1,440 mm reach · 8 kg payload ·  $\pm 0.05$  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.



▶ GSK RB08Q1 ROBOTIC WORKSTATION

## RB08Q1 KEY FEATURES.

Purpose-built for CNC machine tending — engineered for rapid, automated 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  $\pm 0.05$  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.



## ▶ 6-AXIS ROBOTIC WORKSTATION

**RB08Q1 SPECIFICATIONS.**

## SPECIFICATION

## VALUE

**GENERAL**

Model	GSK RB08Q1
Axes	6-Axis
Payload Capacity	8 kg / 17.6 lbs
Machine Weight	75 kg / 165 lbs

**REACH & ACCURACY**

Standard Work Reach	1,440 mm
Max. Horizontal Reach	1,500 mm
Max. Vertical Reach	1,600 mm
Repeated Pos. Accuracy	±0.05 mm

**JOINT MOTION RANGE**

J1 — Base Rotation	±170°
J2 — Lower Arm	+120° / -85°
J3 — Upper Arm	+75° / -155°
J4 — Wrist Roll	±180°

**MAXIMUM SPEED**

J1, J2, J3	130°/s
J4	420°/s
J5	252°/s
J6	620°/s

▶ CNC TURNING CENTER / LATHE

# GT-15 SPECIFICATIONS.

SPECIFICATION

S.A.E.

## CAPACITIES & SPINDLE

Max Turning Diameter	15.74 in
Max Swing Over Table	7.55 in
Bar Capacity	1.96 in
Spindle Bore	2.40 in
Drawtube Bore	1.96 in

## TRAVELS & FEEDRATES

X-Axis Travel	17.75 in
Z-Axis Travel	13.00 in
Rapid Travel (X)	900 in/min
Rapid Travel (Z)	11,500 in/min
Max Axis Feed Rate	400 in/min

## MOTION & PRECISION

Positional Repeatability	±0.0001 in
Positional Accuracy	±0.0001 in
Positional Resolution	±0.00005 in
Spindle Runout	0.00005 in

## PHYSICAL & UTILITY

Coolant Reservoir	18.5 Gal / 70 L
Coolant Pump Power	3/4 hp / 0.5 kW
Floor Footprint	68×35 in
Machine Height	63.00 in / 1,600 mm

► WARRANTY & SUPPORT

# WARRANTY & SUPPORT.

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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."*



▶ FREE CONSULTATION

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

**(949) 359-3434**



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