

New Equipment Announcement

September 2024 – Southern Machine Works is excited to announce the acquisition of the Mazak QUICK TURN SMART 200M, an advanced addition to our machining lineup that enhances our capabilities for delivering high-quality, precise components. This versatile CNC lathe allows us to efficiently handle a wide variety of machining tasks while ensuring superior accuracy and faster turnaround times.

- ✓ 12-Station Turret
- ✓ Live Tooling
- ✓ 20-Horsepower Main Spindle
- ✓ Tailstock Support
- ✓ C-axis capability
- ✓ Ergonomic CNC Control System
- ✓ High-Precision Capabilities



The Mazak QUICK TURN SMART 200M is equipped with live tooling, enabling both turning and milling operations in a single setup. This multi-tasking capability drastically reduces setup times, streamlines production, and ensures exceptional accuracy across complex part geometries. With a 20-horsepower main spindle, this lathe provides the power needed to work with a wide range of materials, delivering precision results for both short and long production runs.

The Mazak QUICK TURN SMART 200M also offers increased operational flexibility, allowing us to perform complex tasks such as off-center milling, drilling, and tapping with high accuracy. This capability enhances our ability to tackle a broader range of machining jobs, from intricate prototypes to high-volume production runs. By combining turning and milling in one setup, we significantly reduce lead times, ensuring faster delivery without compromising on quality or precision.

Integrating the Mazak QUICK TURN SMART 200M into our operations allows us to meet increasingly complex machining requirements without compromising on quality or speed. Its multi-tasking capabilities and advanced control system enable us to tackle intricate parts while maintaining shorter lead times, reinforcing our commitment to providing high-precision solutions to our clients.

Our acquisition of the Mazak QUICK TURN SMART 200M Lathe reaffirms our ongoing commitment to investing in the latest technologies to provide innovative solutions for our customers.

Specification		Bed Length - 500U mm	Bed Length - 1000U mm
Capacity	Maximum Swing	660 mm / 26.00 in	660 mm / 26.00 in
	Maximum Machining Diameter	360 mm / 14.250 in	360 mm / 14.250 in
	Maximum Bar Work Capacity	65 mm / 2.6 in	65 mm / 2.6 in
	Maximum Machining Length	535 mm / 21.054 in	1055 mm / 41.785 in
Main Spindle	Chuck Size	8 in	8 in
	Maximum Speed	5000 rpm	5000 rpm
	Motor Output (30 minute rating)	19 kw / 25.0 hp	19 kw / 25.0 hp
Turret (Upper)	Number of Tools	12	12
	Maximum Speed	4500 rpm	4500 rpm
	Motor Output (10 minute rating)	6 kw / 7.5 hp	6 kw / 7.5 hp
Feed Axes	Travel (X Axis)	225 mm / 8.88 in	225 mm / 8.88 in
	Travel (Z Axis)	605 mm / 23.75 in	1125 mm / 44.25 in

We invite you to contact Southern Machine Works to discuss how the Mazak QUICK TURN SMART 200M can support your next project.