

New Equipment Announcement

August 2023 – Southern Machine Works (SMW) is pleased to announce another equipment acquisition further enhancing our ability to meet the machining needs of our customers. SMW has purchased and installed a Mazak Quick Turn 250MSY with integrated parts catcher and LNS Quick Load Servo barfeeder (see below). This investment is only possible because of the continued support and trust of our customers. Contact SMW today to see if we can put this wonderful piece of equipment to work for you.

- ✓ Chip Conveyor
- ✓ Direct-drive turret and rotary tool milling spindle
- ✓ Powerful, integral main turning spindle
- ✓ Second turning spindle for DONE IN ONE® part processing
- ✓ Y-axis capability
- ✓ Integrated part catcher
- ✓ LNS Quick Load Servo Barfeeder



Southern Machine Works is excited to announce the latest addition to our state-of-the-art machining lineup, the Mazak QUICK TURN 250MSY. This advanced CNC turning center represents a significant enhancement to our manufacturing capabilities, further solidifying our commitment to delivering precision and efficiency in every project. Known for its exceptional versatility and robust design, the QUICK TURN 250MSY is engineered to meet the complex demands of today's machining applications, enabling us to take on more challenging and intricate work with confidence.

The Mazak QUICK TURN 250MSY is equipped with a powerful 20-horsepower main spindle and a 10-horsepower milling spindle, allowing for simultaneous turning and milling operations. This machine's Y-axis functionality, combined with its milling capability, ensures superior accuracy and flexibility in handling multi-tasking operations, reducing setup time and increasing overall productivity. Whether it's complex geometries or tight tolerances, the QUICK TURN 250MSY is designed to deliver high-precision results consistently, aligning with Southern Machine Works' dedication to quality and innovation.

Incorporating the QUICK TURN 250MSY into our operations also enhances our capacity to meet faster turnaround times without compromising on precision or quality. The machine's advanced CNC control system, combined with its ergonomic design, facilitates smoother workflow and easier operation, reducing operator fatigue and increasing efficiency. This investment underscores Southern Machine Works' ongoing commitment to utilizing the latest technology to provide our customers with the best possible solutions, ensuring that we remain at the forefront of the precision machining industry.

SPECIFICATION		BED LENGTH - 20 IN / 500 MM	BED LENGTH - 40 IN / 1000 MM
Capacity	Maximum Swing	26.50 in / 675 mm	26.50 in / 675 mm
	Maximum Machining Diameter	14.750 in / 380 mm	14.750 in / 380 mm
	Maximum Bar Work Capacity	3.0 in / 76 mm	3.0 in / 76 mm
	Maximum Machining Length	21.275 in / 541 mm	36.380 in / 924 mm
Main Spindle	Chuck Size	10 in / 254 mm	10 in / 254 mm
	Maximum Speed	4000 rpm	4000 rpm
	Motor Output (30 minute rating)	35.0 hp / 26 kw	35.0 hp / 26 kw
Second Spindle	Chuck Size	6 in / 152 mm	6 in / 152 mm
	Maximum Speed	6000 rpm	6000 rpm
	Motor Output (30 minute rating)	15.0 hp / 11 kw	15.0 hp / 11 kw
Turret (Upper)	Number of Tools	12	12
	Maximum Speed	6000 rpm	6000 rpm
	Motor Output (10 minute rating)	10.0 hp / 8 kw	10.0 hp / 8 kw
Feed Axes	Travel (X Axis)	9.00 in / 230 mm	9.00 in / 230 mm
	Travel (Y Axis)	4.00 in / 102 mm	4.00 in / 102 mm
	Travel (Z Axis)	22.63 in / 575 mm	43.12 in / 1095 mm
	Travel (W Axis)	23.00 in / 585 mm	36.62 in / 930 mm

Let SMW put this workhorse high-precision HMC to work on your next prismatic part project!



www.southernmach.com
 907 E. Bois D'Arc Ave.
 Duncan, OK 73533
 Ph: (580)255-6525
 sales@southernmach.com
 Cage Code: 5D6H0

