

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 Integrex i-200S with its 5-axis capability and second turning spindle. This investment is only possible because of the continuous support and trust of our customers. Contact SMW today to see if we can put this wonderful piece of equipment to work for you.

- ✓ Milling spindle travel -30 ~ 210 degrees (.0001 degree min index angle)
- ✓ Optional 20k RPM (15 HP) milling spindle available
- ✓ Productive second turning spindle for Done-In-One part processing
- ✓ Full C-axis contouring (.0001 degree minimum index)
- ✓ Available spindle connections (KM63/ CAPTO C6 / HSK A63)
- ✓ 36-tool ATC standard (HSK A63) – 72 or 110 tool options available



Southern Machine Works is excited to announce the latest addition to our state-of-the-art machining lineup, the Mazak INTEGREX i-200S. This advanced Multi-Tasking machine delivers maximum versatility, high precision and throughput for medium to large complex parts. The machine combines the capabilities of a high-powered turning center and full-function machining center to produce parts in single setups. This machine configuration features second turning spindle (S) for Done-In-One machining and works to minimize fixtures, tools, handling and non-cut time.

Additionally, the machine brings dramatic reductions in lead-time, and improves part accuracy through the elimination of multiple setups. With full 5-axis capability, the machine easily processes fully prismatic parts from solid or castings (chucked or bar fed work), round parts, or highly contoured sculptured parts.

Incorporating the INTEGREX i-200S 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 -
Capacity	Maximum Swing	658 mm / 25.91 in
	Maximum Machining Diameter	658 mm / 25.910 in
	Maximum Bar Work Capacity	65 mm / 2.6 in
	Maximum Machining Length	1011 mm / 39.800 in
Main Spindle	Chuck Size	8 in
	Maximum Speed	5000 rpm
	Motor Output (40 ED Rating)	22 kw / 30 hp
Milling Spindle	B-Axis Travel	240°
	Magazine Capacity	36
	Maximum Speed	12000 rpm
	Motor Output (40 ED Rating)	22 kw / 30 hp
Feed Axes	Travel (X Axis)	615 mm / 24.21 in
	Travel (Y Axis)	250 mm / 9.84 in
	Travel (Z Axis)	1077 mm / 42.40 in
	Travel (W Axis)	1026 mm / 40.39 in

Let SMW put this workhorse CNC Multi-Tasking machine to work on your next project!