

OEM Productivity, Job Shop Flexibility!



JobShop Cell

The Automated Machining Cell
Designed for Today's Job Shop

- Combines lightning fast FANUC RoboDrill with a FANUC robotic system
- If your part fits in a 6" vise or chuck, change over will take about as long as it does now.

Complete Integrated Package

- 6-axis robot with guarding, grippers, teaching pendant, and customizable programs
- Inbound and outbound conveyors
- Prepackaged hydraulic and pneumatic valves to meet your workholding requirements

To find out how the JobShop Cell can help you win jobs and produce them profitably, contact:



McCLAIN
MACHINE TOOL SOLUTIONS

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St. Louis, Missouri

Sunnen Products Co. Installs New Fanuc Robodrill VMC Automated Job Cell

Sunnen Products Company, St. Louis, Missouri has recently installed a new Fanuc Robodrill VMC automated job shop cell.

Founded in 1924, the St. Louis-based firm has long been the worldwide leader in industrial bore sizing and finishing systems.

Sunnen's bore sizing systems range from basic manually-operated honing machines to fully automated systems that provide every necessary function for bore sizing from honing and gaging to part handling, and even post-honing operations such as deburring and bushing or pin-insertion.

For the engine rebuilding market, Sunnen provides a full line of engine rebuilding equipment, tools and accessories.

The new Fanuc, the company's second, was needed to upgrade the firm's manufacturing capabilities and allow greater flexibility in production. It was purchased through McClain Tool & Technology of St. Louis. "With the robotic arm, that can handle the loading and unloading, we can produce six different parts with zero changeover time," stated Greg Weseman, manufacturing engineer and 40-year industry veteran. "This was a complete turnkey project," continued Weseman. "We told the crew from McClain what we wanted and they made it happen in a short period of time. Their service team is top-notch. It has been a pleasure working with the crew from McClain."

Weseman also noted that the



Above & Below: A couple of views of Sunnen's new automated job cell.



Fanuc cell can be run "lights out" overnight then, with the flick of a switch, the robot can be deactivated for small runs during the day as needed.

Sunnen's St. Louis headquarters facility covers 486,000 sq. ft.

and has approximately 650 employees. The company also has facilities in England, Switzerland, France, China and Italy

Sunnen Products can be contacted at: www.sunnen.com