

## precision manufacturing center

### precision machining

The Moore Tool Company, a leader in precision machine tool design and manufacture, offers a wide range of precision tool making and grinding to customers requiring ultra precision.

As the producers of special-purpose, high-precision machine tools, rotary tables, hydrostatic spindles and accessories, our Precision Manufacturing Center has served a prestigious list of companies in the fiber optic, medical, semi-conductor, and die/mold markets. The Center's Tool Room operates in conjunction with the Jig Grinding and Metrology departments, and is staffed by some of the finest tool makers and jig grinder operators in the world.

The Center is contained in an environmentally controlled manufacturing facility. Temperature is held to 0.5°F variance, and air is filtered to clean room standards.

Accuracy, quality, skills and experience create a cost-effective answer to your tight-tolerance manufacturing requirements.





## tool room

In operation for 75 years, the Tool Room blends cutting edge technology with proven precision tool making processes for short-run manufacturing. Our skilled technicians use their experience and knowledge to machine parts to micron accuracy, and are held to the highest standards.

- Precision jig boring
- CNC milling, turning, and cylindrical grinding
- Form and ID/OD grinding
- Precision die and mold components
- Precision fixturing and gauging

## metrology department

The Moore Tool Metrology Department is traceable to the National Institute of Standards and Technology (NIST). Located within the Precision Manufacturing Center, we calibrate our own inspection equipment, as well as customer parts and gauges in-house. All production tools designed and manufactured by Moore Tool are held to the highest standards.

- Capability to measure in micro inches
- Full range of metrology services and equipment
- UCMM for 3-D scanning
- Moore manual measuring machines
- Contact gage calibration and certification

## jig grinding

Experts in jig grinder design, production and operations, Moore Tool's Precision Manufacturing Center offers modern grinding techniques, cutting edge technology and low cost jig grinding solutions. Custom processing and programming reduces cycle times, while providing a large work capacity up to 24 x 48 inches.

- Electric grinding head capabilities
- Moore Autosize® automation
- Moore Autogrind® automation
- W-axis 3-D contouring
- A-axis control
- Spin table capability



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