

## MD Tooling: Custom-Driven Precision

Established in 2004, MD Tooling was created to satisfy an industry need for high-quality, precision, specialty and custom driven tools. Over the last five years that initial company objective has grown to include a full range of standard live and static tools.

MD Tooling continues to grow in part due to an ongoing effort to provide the very best, high precision, custom tool holders available. Recognizing that no two manufacturing applications are exactly the same, Applications Engineers at MD will work with distributors and their customers to define, engineer and produce custom tool holding solutions. MD Tooling ensures it is a collaborative effort by all interested parties through process monitoring and regular feedback. This dedicated effort produces the very best outcome in custom tool technology. High accuracy, custom built tool holders are taken from concept to production in as little as 6-8 weeks.

Recently, MD Tooling was contracted by a Mori Seiki distributor and their customer, a major automotive parts manufacturer, to design and produce custom tool holders. These holders were for use on twelve brand new Mori Seiki machines and their development helped the distributor secure the machine order. The tools can best be described as tailstock adapters, designed to allow drilling to be done by the tailstock while cutting at the turret. From concept drawing to final product, the finished tools were ready for the customer in less than eight weeks. To date, custom tool holders

have been designed and produced for Mori Seiki, Doosan, Eurotech, Okuma, Nakamura, Haas, Hyundai-Kia, as well as other machine tools.

For those applications that are beyond standard milling and drilling, yet do not require the design and build of a custom tool holder, MD Tooling offers a large array of specialty tool holders. With choices in both live and static models, options include, but are not limited to; gear hobbers, inverted adjustable angle tools, multi-stick holders and multiple boring bar holders. In addition to custom and specialty tool holders, customers can choose from the extensive collection of standard live and static tool holder options offered for the Doosan, Nakamura, Eurotech and Mori Seiki machine tool lines. Development is underway to increase the number of available solutions for other machine tool manufacturers, including Okuma, Hyundai-Kia, and Mazak.

To respond to the immediate needs of their customers, MD Tooling maintains an enormous inventory in their centrally located Michigan facility. Same day shipping currently takes place on over 93% of all orders. In the event that a customer needs a tool that is not stock in the US, the MT Marchetti factory in Italy also maintains inventory which can be on a customer's floor in as little as 3-5 days. Office staff work with distributors and customers to ensure all orders are shipped per customer preferred shipping methods.

The Michigan facility also houses a service center, where evaluation is performed on every tool returned



for repair or service. Upon evaluation, the service level required is identified and conveyed to the customer. Fully equipped with a machine shop and a complete inventory of spare parts, factory trained personnel at the Michigan Service Center perform all Level I repairs and periodic maintenance. Whereas tools requiring Level II repairs or service are returned to Italy for factory re-certification. This direct involvement with the factory has not only helped address specific issues or concerns, but has also led to the development of additional tooling.

Leading the way in customer service, MD Tooling established a Tool Loaner Program. This innovative program was designed to make tool holders available for loan, to ensure customers never stop making chips. If a warranty tool needs to be returned for inspection, service or repair, loaner tools are available to keep customers up and running. Additional loaner tools are often available for part prove out, demonstrations, Open Houses and Trade Shows.

To learn more about MD Tooling, their extensive product offerings or any of the above mentioned customer service programs, visit their website at [www.mdtooling.com](http://www.mdtooling.com). If you have an immediate need, please contact the office at 810-632-4446. ■

### Winning:

In the struggle for survival, the fittest win out at the expense of their rivals because they succeed in adapting themselves best to their environment. — Charles Darwin