



Molders Services, Inc.

MSI is a domestic manufacturer of injection-end components that also provides extensive consultative and expert problem-solving services.

4 Decades of Excellence

At MSI we combine nearly 40 years of in-plant diagnostics and troubleshooting experience in the plastics industry with unparalleled expertise in parts manufacturing and design.

Engineering and Equipment Services



Put our expertise to work for you!

Every molding operation is unique. We'll work closely with you to understand your exact business objectives and tailor our service precisely for your needs.



MoldersServices.com



Made In America



Call Today 248.585.8120



Engineering and Equipment Services

At Molders Services we are experts in the identification of problems related to injection end components. We will come to your facility at no charge to identify any problems and guarantee the results. We will also work with you on a preventative / predictive maintenance program.

Screw & Barrel Remove and Replace

Don't have the personnel to pull your screws for that badly needed inspection or installation? Get the work done for a reasonable rate.

Equipment Management Consulting

Optimize the durability of the components you use while minimizing the TCO of your equipment.

In-plant Problem Solving & Troubleshooting

- *Experience with virtually every engineering grade resin and their processing requirements*
- *Experience working with resin suppliers to design custom screws for each resin*
- *Experts at identifying the causes of molding issues and solution implementation*
 - ✓ *Quality*
 - ✓ *Output*
 - ✓ *Screw, barrel and tip durability*

Engineering

- *Custom screw design*
 - ✓ *Selection of correct base material, mixer design, and profile*
 - ✓ *Optimize output, durability, and part quality*
 - ✓ *Eliminate quality defects on existing setup*
- *Re-sizing*
 - ✓ *Custom solutions far outside what OEMs will work with*
 - ✓ *Resolve Pressure Limited jobs*
 - ✓ *Decrease recover time*
 - ✓ *Minimize Residence Time to resolve corrosion and degradation issues*
 - ✓ *Better tailor barrel capacity to job sizes being run!*
- *Residence time, shot sizing, flow restriction, recovery calculations*
- *Tip customization for specific resins*
- *Process optimization*

Geometric Dimension & Tolerancing (GD&T)

- *Several courses options offered via:*
 - ✓ *Public Seminars*
 - ✓ *Self-paced curriculums*
 - ✓ *Online webinars*
- *Customized on-site training seminars offered from any perspective of the organization*
 - ✓ *Product Design (print authoring)*
 - ✓ *Quality Control (inspection)*
 - ✓ *Manufacturing Engineering (tooling and process construction)*
 - ✓ *Metrology Lab (gauge building)*
- *Hands-on consulting for project work*
 - ✓ *Single day kick-off for new projects*
 - ✓ *Multi-day and recurring sessions*
 - ✓ *Problem Resolution to avoid/address dimensional management issues*
 - ✓ *Team coaching & turn-key options offered*

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Molders Services
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Pontiac, Michigan 48340

