



Molders Services Inc.

MSI is a domestic manufacturer of injection end components: screw tips, nozzles, barrels, screws, end caps and shut off nozzles.

30 Years of Experience

At MSI we combine 30 years of in plant diagnostics and troubleshooting in the plastics industry with 30 years of part manufacturing and design experience. The result is components which solve molding problems.

Engineering & 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.

**Call Us Today:
248.585.8120**

1556 Telegraph Dr
Pontiac, MI 48340

www.moldersservices.com



Molders Services Inc. (MSI) has been designing and manufacturing for the injection molding industry for over 30 years. Whether you have a difficult problem which requires a specialty design or are looking for a long lasting replacement tip available to ship same day, MSI can address your needs and will guarantee the results.

MSI's Engineering & Equipment Management Services can help you develop critical operational plans and monitor your equipment.

Screw & Barrel Remove & 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, tip durability

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.

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 recovery 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 Dimensioning & Tolerancing (GD&T)

- Several course 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 & recurring sessions
 - Problem Resolution to avoid / address dimensional management issues
 - Team coaching & turn-key options offered

