



Fact Sheet

About Custom Mold & Design

- Custom Mold & Design designs and builds high-precision, fast cycling molds, machined components, and fixtures.
- Custom Mold & Design services a wide range of industries including medical, aerospace, consumer products, defense, and electronics.
- Custom Mold & Design, in partnership with Velocity's family of companies, including Teamvantage MMD Medical, and Paradigme Engineering, provides one-stop, fully integrated turn-key manufacturing solutions.
- Headquartered in Forest Lake, this Minnesota-based company provides solutions for the entire United States.
- Velocity is driven by its core values:
 - Collaboration
 - Results-Driven
 - Continuous Improvement
 - Integrity
 - Customer Satisfaction
 - ESG (Environmental, Social, & Governance)

Facts and Figures

- Custom Mold & Design has served the medical device and technology, aerospace and defense, and industrial markets since 1965.
- Custom Mold & Design's centralized services enable streamlined support and continuity for our customers.
- Custom Mold & Design has a proven track record of manufacturing molds that run tens of millions of cycles.
- The average employee at Custom Mold & Design has over 20 years of industry experience.
- Over 70 years of collective experience and industry knowledge.
- More than 10 years of experience per tool maker on average at CMD.
 - More than 50% have at least 10 years of experience.
- More than 11 years of experience per engineer and estimator on average at CMD.
 - More than 40% have at least 10 years of experience.
- More than 8 years of experience per CNC & EDM production machinist on average at CMD.
 - More than 30% have at least 10 years of experience.
- 35 companies served yearly
- More than 100 molds built yearly
- More than 200+ molds maintained / repaired yearly
- Manufacturing cells equipped with state-of-the-art technology.
- 13 wire and sinker EDM machines.
- 33 CNC machining & turning centers, including 10 Yasads.
- 4 graphite machines including 5-axis speed mill with 3R robot and wet graphite cutting
- 16 grinders including surface grinders with tenth readouts and optidress
- More than 40,000 square feet of manufacturing space.



Key Services

Custom Mold & Design begins by providing part design assistance followed by mold design and fabrication services, molding process development and automation, through full installation into your facility. We also specialize in manufacturing liquid silicone molds with specialized cold decks and have 5-axis machining to provide close-tolerance manufacturing solutions.

Services include:

- Design support and engineering
- Tool design and manufacture
- Precision machining
- Mold maintenance and repair
- Tool sampling
- Quality assurance

To learn more, visit Custom Mold & Design website www.custommold.net.

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