



**PRECISION TOOL
TECHNOLOGIES, INC.**

Unleash THE PRECISION
PPT



MANUFACTURING • PLASTIC INJECTION MOLDING • ENGINEERING
MOLD MAKING • QUALITY ASSURANCE • PRODUCT ASSEMBLY

WHEN PRECISION MATTERS THE MOST

When plastic injection molding requires exact and demanding tolerances, Precision Tool Technologies delivers. With state-of-the-art technology and innovative engineering, we provide precision and definable machining capabilities.

Our extensive experience in solving customers' manufacturing challenges is what gives us the edge among our competition. Whether your project calls for unattended manufacturing, micron mold making, micro molding, inserted molds, atypical resin materials or assembly, Precision Tool Technologies is the right company for you.



*Specializing in close-tolerance
precision plastic injection molding
for a wide variety of industries*



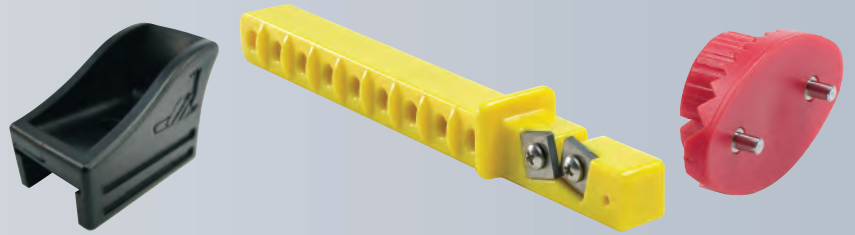
SOLVING CUSTOMER CHALLENGES – THE CORE OF WHAT WE DO

In addition to offering customized plastic injection molding, Precision Tool is in the business of solving problems. We are committed to helping our customers meet their production needs, improve their manufacturing efficiencies and minimize costs.

Our approach to every project is the same, starting with gaining a thorough understanding of the customer's needs. Every project is customized because every project is unique regarding form and function. And along the way, we also add value by providing assembly, warehousing, packaging services and more.



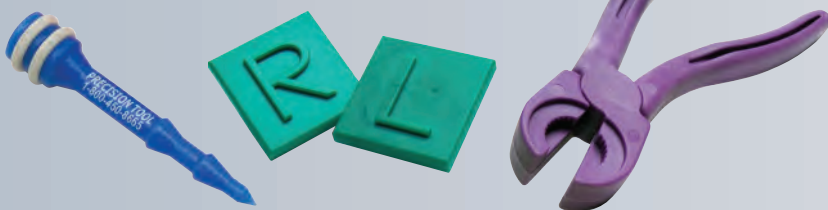
A commitment to providing on-time, high-quality products with unparalleled accuracy, even with the most complex engineering challenges



PRECISION- AND AUTOMATION-FOCUSED TECHNOLOGY

When tolerances are demanding and precision is at a premium, machining technology is the difference maker. Precision Tool employs state-of-the-art computer-integrated technology with the ability to measure components to meet tolerances of $\pm 0.001\text{mm}$. Utilizing our equipment, experience and expertise, we will develop the best manufacturing method to generate cost savings for our customers. We also employ other manufacturing equipment and practices that generate additional cost savings for customers:

- Enterprise software enables customers the ability to review, in real time, concurrent engineering data.
- Rapid prototyping can generate ideas and prototypes quickly and affordably.
- The Zeiss Accura CMM with highly efficient air bearings is unmatched for its precision, speed and multisensory capability to $.001\text{mm}$ of tolerances.
- Automation is a fundamental component of our manufacturing operations. It allows more production needs to be fulfilled efficiently and more accurately.
- Micron machining equipment for molds and micro molding capabilities help our customers bring new products to market faster and more accurately
- Robotics is a critical component of our manufacturing and assembly capabilities, creating efficiencies by allowing unattended assembly and monitoring.
- Video capabilities allow our customers to monitor the production of their components and provide them the ability to monitor work off-site.
- Utilizing hard milling, high feed milling and high speed machining ensure that all products are high quality, competitively priced and quick to market.



A dedication to quality, maintaining scheduled deliveries and keeping pace with technological developments in the plastic injection molding industry

OUR MANUFACTURING ENVIRONMENT

In an industry where static, humidity and dust can be enemies of the production process, Precision Tool's facility is designed and equipped to ensure optimum conditions for high-quality plastic injection molding.

The floor plan itself maximizes workflow, and the facility has innovative systems and equipment to protect it from adverse climate conditions, security breaches and power outages.

- A sophisticated humidity and climate control system maintains 68 degrees, ± 2 degrees, and compensates for the expansion and contraction caused by Minnesota's extreme weather conditions.
- A natural gas-powered electrical back-up system protects engineering data from power failure.
- A facility security surveillance system is critical in maintaining a secure and protected manufacturing environment.



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