

**CONSIDER  
PARTNERING WITH**



FOR ALL YOUR **TOOLING  
& AUTOMATION** NEEDS

## To Customer

Our experienced and knowledgeable cross-functional group of engineers cover multiple disciplines to ensure we provide the most comprehensive results.

## Our Priority is Quality

We implement a collaborative approach when partnering with our customers to develop innovative concepts that ensure a robust, reliable, and efficient supply chain.

## Your Satisfaction

Our engineers will bring these concepts to life by creating fully functional prototypes and production tooling processes. You can have confidence that the product we ultimately develop will provide the right solution for your business.

## OUR HISTORY

We specialize in Industrial Design, Product and Package Development, Mold Design and Build, Injection, Injection Blow, and Injection Stretch Blow Molding as well as value added Assembly and Decorating. Since our founding as a Tool Making Company in 1956 Plastek has grown to become a Global Supplier for many of the world's top Companies. We serve our customers with manufacturing sites in the US, UK, Brazil and Mexico.

## WHAT WE DO

Mold design is a Plastek specialty. Our in-house team implements the most advanced concepts and practices when creating custom products for your company's needs. We tap into our diverse backgrounds and unparalleled expertise when creating molds that meet your specifications. We also utilize advanced software solutions to guide us through the process and enable us to make informed decisions.

## MANAGEMENT

With three strategically located facilities, Plastek can execute high-quality contract plastic manufacturing projects for companies around the globe. Our fully equipped tool shops employ a large staff of toolmakers, engineers, and project managers, who share an unwavering commitment to delivering the best outcomes for every customer.

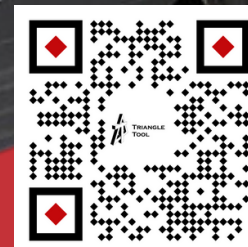


**TRIANGLE TOOL**

Division of The Plastek Group

Erie, PA, USA

**GLOBAL  
SUPPLIER OF  
WORLD CLASS  
MOLDS &  
INTEGRATED  
AUTOMATION  
SOLUTIONS TO  
THE PLASTICS  
INDUSTRY**



# TRIANGLE TOOL

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## INNOVATIVE SOLUTIONS

Single Face Molds  
Bi-Injection Molds  
Unscrewing Molds  
Injection Blow Molds  
4 Faced Cube Molds  
Insert Molds  
Collapsible Cores  
Hot Runner Systems  
High Cavitation Stack Molds  
Living Hinge With In Press Closing



3D Printing  
Conformal Cooling Design  
Reverse Engineering



Mold Repair  
Mold Documentation  
First Article Inspection

## VERTICAL INTEGRATION

Having the resources and industry experience to present automation concepts in parallel with the mold early in the design phase can benefit our partners by improving project timelines as well as address potential manufacturing issues before the project is ever launched.

### 5 REASONS TO PARTNER

- **Core Strengths-** Multi component assembly, automated packaging cells, part removal, insert molding.
- **Design-** Early involvement of automation specialist drastically reduces cost of adding automation downstream.
- **Cell Design-** From part design to mold design, to downstream automation, Triangle Tool and Pioneer Automation can assist.
- **Implementation-** Utilizing our in-house molding capabilities, new molds and automation cells are proven out before ever leaving our facility.
- **Integration-** With over 65 years of tooling experience allows for seamless integration of automation on both new and existing molding operations.

## CONTACT

THE PLASTEK GROUP

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# PIONEER AUTOMATION

Division of The Plastek Group  
Erie, PA, USA

## Downstream Automation

Pioneer Automation possesses a diverse range of core competencies that make us a leading player in the field of integrated automation solutions for the plastics industry.

- End Of Arm Tooling
- Multi-Part Assembly
- SCARA and Articulating Robot Integration
- Part Inspection
- Offline Part Sorting And Feeding Options
- Part Handling And Layer Pack-Out

Pioneer Automation's core competencies span the entire spectrum of automation needs, delivering excellence in multi-part assembly, part handling, and large-scale packaging while consistently prioritizing quality assurance.