



# Flexible and innovative precision molding solutions

TPM is a leading Supplier of precision molded components that brings flexible and innovative solutions to our Customer-Partners' complex problems. We supply highly engineered plastic components utilized in the markets of Automotive, Small Engine, Consumer, Industrial, Packaging and Medical. Our core offerings include injection, 2-shot, insert and thermoset molding,

automated assembly of precision components, decorative finishing, final assembly and test. With facilities in Hopkins, MN and three locations in Juarez, Monterrey and Queretaro, Mexico offering a combined 400,000 sq ft manufacturing footprint, TPM are strategically located to assist our Partner's global requirements.

## About

Established in 1947, Thermotech Precision Molding (TPM) is a market leader in bespoke thermoplastic, thermoset injection molding with four facilities located in Hopkins, Minnesota, Juarez, Monterrey and Queretaro, Mexico. With a combined total number of 155 injection molding machines ranging from 25 to 1,450 tons and secondary equipment including; vibration, ultrasonic, hot plate welding, leak decay, pressure and flow testing, all four plants have the ability to mold individual components or complex sub and final assemblies.

TPM capabilities and services include thermoplastic and thermoset molding, insert, 2-shot and over-molding, decorative, assembly and test. We mold with a wide range of engineered resins and offer design resources to Partners that require product and tool design.

Our in-house tool capabilities enable the ability to fine tune new tooling, perform design changes and undertake routine preventative maintenance. TPM works with our global tool sources to develop best in class tooling.

A specialized TPM core competence includes a well-defined tool transfer program which supports our Partners needs to often resource tooling at an expedited timeline. This offers our Partners the ability to protect their supply chain and to ensure optimized use of their critical resources.

TPM market operations include; Automotive, Small Engine, Consumer Products, Industrial, Packaging and Medical. TPM molded components can be found in our Partner's products around the globe.

## Divisions

### TPM Hopkins

1302 South Fifth Street  
Hopkins, Minnesota 55343

### TPM Monterrey

Avenida Avante No. 706  
Parque Industrial Avante Aeropuerto  
Apodaca Nuevo Leon 66643 MX

### TPM Juarez

Calle Ohm No. 8450-A  
Cd. Juarez Chihuahua 32470  
Mexico Parque Ind.  
Antonio J. Bermudez

### TPM Queretaro

Av Penuelas No. 7 San Pedrito Penuelas  
Queretaro 76148 MX



[INQUIRIES@TPMFG.COM](mailto:INQUIRIES@TPMFG.COM)

# Capabilities



## Thermoplastic molding

TPM has molding machines from 25 ton to 1450 ton. Our processes are set up using a scientific decoupled molding process to ensure quality of your parts.



## Thermoset

TPM in Juarez has Compression and Injection molding machines. We can mold most thermoset materials including BMC and granular.



## Insert

TPM offers a large range of insert molding capabilities. We utilize robotic insert placement for our molding processes.



## 2-shot

TPM is a pioneer in 2-shot molding. We have many presses with features such as rotating platen, rotating stripper plate, robotic transfer, and transfer overmolding to fit any need.



## Welding

TPM has many plastic welding capabilities including vibration, ultrasonic, and hot plate welding of plastic parts.



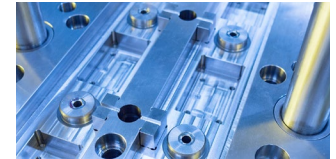
## Assembly

TPM has automated or manual assembly in low labor cost locations to fit your needs.



## Testing

TPM has incoming material quality control. Samples are taken from each lot of material and tested for quality.



## Tool transfers

TPM has a fully cross functional team that can manage customer tool transfers.

# Industries



## Auto

TPM has been a major supplier of precision molded components to the Automotive industry for over 50 years.



## Consumer

TPM has dominated the Consumer Market for over 40 years, specializing in consumer focused products.



## Industrial

With the ever increasing requirement to reduce weight, cost and improve reliability in performance, plastic has now become a critical material used throughout many industrial applications.



## Small engines

TPM has enjoyed a long history with market leaders in the Small Engine Market.



## Packaging

With the increasing trade through ecommerce and online shopping the way we shop has changed dramatically from what we have done over the past two decades.



## Medical

TPM is an up-and-coming player in the medical device and biotech industry.