



**High Temperature
Plastics Expertise
from Design
to Production.**

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ISO 9001:2000
AS9100
Certified

Tri-Mack is a leading supplier of high performance thermoplastic components for critical applications. Let us show you how our systems, technology, and experience will make your project a success.

Manufacturing

Plastic Injection Molding

Tri-Mack specializes in the injection molding of high temperature engineering thermoplastics such as PEEK, Torlon, Ultem, and Amodel.

We have injection molding presses ranging from 28 to 600 tons and insert molding capabilities to support your molded part requirements.

Precision Machining

Tri-Mack offers precision machining including CNC milling, CNC turning and screw machining. We machine tight tolerance components from materials such as PEEK, Vespel, Torlon, and Teflon.

The combination of molding and machining enables Tri-Mack to offer you the most cost-effective manufacturing solution.

Tool Making

Tri-Mack designs and builds injection mold tooling using state-of-the-art CAD/CAM and CNC equipment.

Assembly and Finishing

Tri-Mack supplies complete assemblies and kits, including functional testing. We offer ultrasonic welding and NADCAP certified bonding.

Engineering

New Product Introduction

Tri-Mack's 17 tollgate New Product Introduction procedure guides our process development and is the key to a successful product launch.

Computer Aided Design & Mold Flow

Tri-Mack uses the latest technology in solid modeling to assess producibility, design tooling, and develop CNC machining processes.

Part Producibility

Whether your project is a metal-to-plastic conversion or brand new part, you can rely on Tri-Mack's expertise to guide you from design to production.

Products & Technology

Maxton®

Maxton is Tri-Mack's line of high performance self-lubricated bearing materials. Based on existing high temperature engineering thermoplastics, Maxton compounds combine unparalleled high load, high speed friction wear capabilities with the economies of injection molding.

Materials

PEEK - Victrex, KetaSpire
PAI - Torlon
PEI - Ultem, Extem
PPS - Fortron, Ryton
PPA - Amodel
PI - Aurum, Vespel
LCP - Xydar, Vectra
PS - Radel, Udel
PA - Nylon, Zytel
PTFE - Teflon
and many more

Industries Served

Aerospace
Defense
Chemical Processing
Industrial Equipment
Medical
Electronics

Contact Us

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