TECHTURE
— DESIGNS INC —

YOUR ADVANCED MANUFACTURING
& SUPPLY PARTNER



Proudly Serving Construction, Manufacturing, and Automation Across Ontario & North America

www.techturedesigns.ca

Our Evolution

A Story of Growth and Innovation

Founded in St Thomas, Ontario, TechTure Designs Inc. began as a visionary additive manufacturing and CNC machining shop. Our early days were marked by a passion for precision, a commitment to quality, and a drive to solve complex challenges for local manufacturers and builders.

As our reputation grew, so did our capabilities. We expanded our offerings, embraced cutting-edge technologies, and forged strong partnerships across the industry. Today, TechTure Designs stands as a cornerstone supplier and manufacturing partner for construction, manufacturing, and automation businesses throughout Ontario and North America.



Our Mission & Values

Mission Statement

To empower our clients with innovative manufacturing, design, and supply solutions-delivering quality, speed, and reliability at every stage of their projects.



Our Values

Integrity:

We build trust through transparency and accountability.

Innovation:

We invest in the latest technologies to deliver superior solutions.

Customer Focus:

We tailor our services to meet the unique needs of every client.

Quality:

Every product and service meets the highest industry standards.

Advanced Manufacturing & Design Services

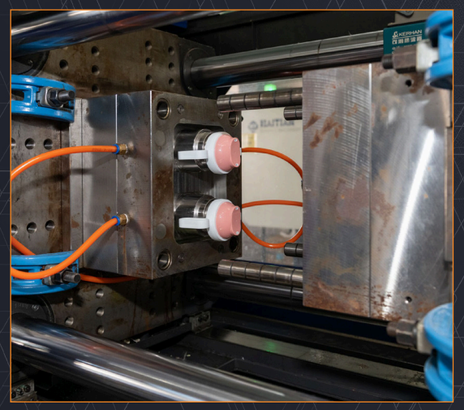
Molding Die Creation

TechTure Designs specializes in advanced molding die creation using state-of-the-art 3D printing technologies and materials engineered for durability and precision. Our dies are manufactured from high-performance materials such as ULTEM 1010, Nylon PA 12 Carbon-filled, and, for maximum longevity and thermal resistance, metal alloys produced via Laser Powder Bed Fusion technology. These materials are selected for their ability to withstand the rigors of repeated molding cycles-often enduring thousands of pulls before requiring replacement-making them ideal for applications like gasket production and custom-molded components.

Our process leverages the design freedom of 3D printing to produce dies with complex geometries, conformal cooling channels, and intricate details that are difficult or impossible to achieve with traditional machining. This results in higher-quality molded parts, improved heat dissipation, and reduced wear, ensuring consistent performance and extended die life. Whether you need rapid prototyping or production-ready tooling, TechTure Designs delivers efficient, cost-effective solutions that help you bring innovative products to market faster and with greater reliability.

Injection Molding

At TechTure Designs, our injection molding services are engineered to deliver precision, consistency, and versatility for a wide range of manufacturing and commercial construction applications. Utilizing our expertly crafted 3D-printed molding dies, we produce high-quality components tailored to meet the evolving needs of our clients. Our capabilities extend across a broad spectrum of materials, allowing us to match the right polymer to each specific application for optimal performance and durability.



We work with leading engineering-grade materials such as ABS, polycarbonate, nylon, polypropylene, acrylic, and polyoxymethylene. For construction and commercial environments, these materials are selected for their superior mechanical strength, impact resistance, chemical stability, and weatherability, making them ideal for products like electrical housings, conduit fittings, insulation components, and custom hardware. Our team also leverages advanced polymer blends-such as PC/ABS and PC/PBT alloys-for applications that demand enhanced heat resistance, dimensional stability, or flame retardance.

From initial material selection and process engineering to final production, TechTure Designs ensures every molded part meets rigorous quality standards and client specifications. Whether you require short-run prototyping or high-volume production, our integrated approach and deep expertise in both materials and methods make us a trusted partner for your injection molding needs.

Additional Manufacturing & Engineering Services

CNC Machining

We offer precision CNC machining for metals and plastics, delivering tight tolerances and repeatable quality. Our expertise covers everything from custom brackets and housings to intricate mechanical assemblies, supporting both prototyping and full-scale production.





Rapid Prototyping

Accelerate your product development with our rapid prototyping services. We transform your concepts into functional prototypes quickly, enabling faster decision-making and product validation.

3D Design & Engineering Support

Our in-house design team collaborates with clients to turn ideas into manufacturable solutions. From CAD modeling and engineering analysis to design for manufacturability, we ensure your projects move seamlessly from concept to completion.





Additional Manufacturing (3D Printing)

We leverage the latest in additive manufacturing to produce complex, lightweight, and durable parts in a variety of polymers and metals. This technology is ideal for custom components, low-volume production, and applications requiring intricate geometries.

Woodworking & Solid Surface Solutions

From vacuum cups to tool forks, we offer a full suite of solutions for woodworking and solid surface industries, ensuring accuracy and durability for every application.





Industrial Automation Support

We provide automation leaders with precision-engineered parts, tooling, and assemblies. Our advanced engineering capabilities streamline your production, reduce costs, and enhance operational efficiency.

Supplying Construction & Manufacturing Projects

Your Dedicated Fulfillment Partner

TechTure Designs has evolved from a local AM and CNC shop into a leading supply and fulfillment partner for construction and manufacturing projects of every size. Our strategic focus is on supporting projects-from small renovations to large-scale commercial developments-with unmatched speed, reliability, and service.

Our Supply Capabilities Include:

Fasteners: Steel, stainless, brass, and specialty alloys for structural, electrical, and finishing applications.

Machined Plating & Housings: Durable metals for electrical components, meeting stringent industry standards.

Molded Tubes, Brackets, Bushings & Gaskets: Engineering-grade polymers and elastomers for sealing, vibration control, and structural support.

Precision CNC Components: Custom brackets, fasteners, and structural elements with tolerances as tight as 0.001".

Welding Consumables: Filler metals, fluxes, and rods in steel, aluminum, copper, and nickel alloys.

Electrical & Mechanical Hardware: Custom-milled spacers, standoffs, conduit fittings, and enclosures.

Composite Vacuum Consumables: Release films, breather fabrics, and vacuum bags for advanced manufacturing.

We maintain critical inventory and manufacture on demand, ensuring that contractors, developers, and manufacturers have the materials and components they need-exactly when they need them. Our local manufacturing agility, combined with a nationwide supply network, allows us to fulfill even the most urgent or unique requests, reducing downtime and eliminating costly supply chain delays.

A PRACTICAL STARTING POINT

Share your drawings, part references, quantities and target timing.

We review the application, materials and supply requirements with your team, then confirm the scope and prepare a quote.

Custom components. Industrial supplies. Dedicated support.

info@techturedesigns.ca | www.techturedesigns.ca

Industry Solutions & Expertise

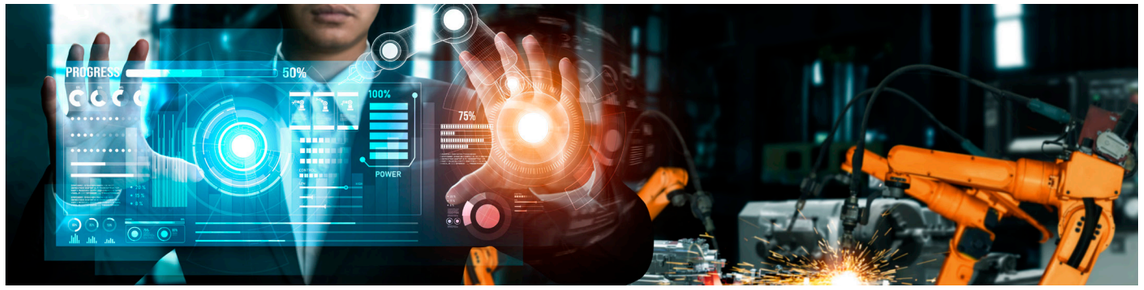
Serving Diverse Sectors

Construction:
Robust components and assemblies for infrastructure and commercial developments.

Automation:
Custom parts and assemblies for integrators and OEMs.

Manufacturing:
Precision parts, tooling, and automation solutions to optimize production.

Woodworking & Solid Surface:
Engineered solutions for accuracy and durability.



Why Choose TechTure Designs?

Consistent Fulfillment: Reliable stock and rapid delivery for ongoing and project-based needs.

Flexible Solutions: Scalable support for projects of all sizes.

Quality Assurance: Every product meets stringent industry standards.

Peace of Mind: With TechTure Designs managing your supply chain, you can focus on delivering exceptional projects, knowing you have a dedicated partner committed to your success.

What Sets Us Apart

- **End-to-End Capabilities:**
  From design and prototyping to manufacturing and supply.
- **Advanced Materials:**
  Access to the latest engineering polymers and metal alloys.
- **Custom Solutions:**
  Tailored to your project's unique needs.
- **International Pricing, Made Locally:**
  Competitive rates with the quality and service of a local partner.
- **Client Focus:**
  Dedicated support, transparent communication, and a commitment to your success.

TECHTURE
— DESIGNS INC —

LET'S BUILD THE FUTURE TOGETHER

READY TO STREAMLINE YOUR SUPPLY CHAIN AND
SUPERCHARGE YOUR NEXT PROJECT?

CONTACT TECHTURE DESIGNS INC. TODAY TO SCHEDULE A CONSULTATION.

Connect With Us

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Phone: 1-519-636-9375

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