

► Engineered Plastics

Without Limits



**DIVERSIFIED
PLASTICS, INC.**

MultiFab Technology:

- Custom Fabrication & Machining
- Injection Molding
- Cast Urethane
- Heat Forming & Bending



DPI...

Since 1976

Diversified Plastics has stood behind the products we manufacture. We work collaboratively with our clients to solve their challenges and improve their efficiency.

When you choose Diversified Plastics, whether it's for a single part, a small run, or a high volume blanket order, you'll get the same attention to detail, the same problem-solving approach, and the same quality solution we've provided since we started working out of a garage in 1976.

That's the Diversified Plastics' promise.

Always has been.

Always will be.



Today, Diversified Plastics produces parts to satisfy a broad range of industry sectors and customers around the world.

Any system with moving parts is an excellent application for Industrial Grade Plastic components!



Diversified Plastics Is Where Customer Collaboration Meets Creative Ingenuity

So what exactly is the starting point for determining how a part can be made better by industrial grade polymers and creative engineering?

► Use The Right Material

We work with our customers to select the right polymers and customize the right solutions to deliver:

- Replacements for existing components
- Conversions from metal to plastic components
- New creatively designed engineered plastic components

The formulations of plastics we utilize include the following performance based applications – Thermal, Chemical, Strength and Wear:

Materials:

ABS	Polycarbonate
Acetal	Polypropylene
CIP	Polyurethane
HDPE	PTFE
Nylon	PVC
PEEK	UHMW-PE
PET	And more...
Phenolic	

Products:

Augers	Diverter Arms	Sprockets
Bang Boards	Gears	Wear Blocks
Bearings	Liners	Wear Strips
Bushings	Mining Components	Wheels
Chain Attachments	Pulleys	Urethane Feed Rolls
Chain Guides	Scraper Blades	And many others...
Conveying Components	Spacers	



► Determine The Right Process

Combining the capabilities of Fabrication, Machining, Injection Molding, and Polyurethane Casting, enables us to manufacture any component using the right plastic for the application. This results in shorter lead times, one stop sourcing, and more adaptable engineering solutions.

Custom Fabrication and Machining

- CNC Mills
- Lathes
- Routers
- Saw cutting
- Drilling
- Metal and Plastic Welding
- Heat Forming & Bending
- High or low tolerances

Thermoforming

- Custom shapes and sizes

Injection Molding

- In-house Tooling – we design and build high grade aluminum and steel molds
- Small or large volumes – no minimum runs
- Repeatability
- Ability to mold a variety of Engineered resins, including UHMW-PE

Cast Urethane

- Durometers ranging from 40A to 75D
- Custom parts and sheet sizes available
- Can be poured, cast into shapes, or bonded to metal rolls, plates, or bearings

Our 5-Step Conversion Process

In approaching a customer's interest to convert from metal to plastic or developing new parts from scratch, our engineers follow a simple path to determine what materials and/or processes are right for any given part.

1: Prototyping

2: Part Design for Manufacturing Feasibility

3: Material Selection

4: Process Selection For Optimization

5: Testing and Quality Assurance



► For The Right Industry

Diversified Plastics started out servicing the Timber Industry, exclusively. Within a few years, we expanded to other industries. Today, we serve a vast range of customers along with a portfolio of standard and custom products for almost any industry.

Industries we serve:

Agriculture
Chemical
Conveying
Dairy
Food Processing
Forest Products

Machinery
Marine
Mining
MRO
OEM Services
Plastic Fabrication
Pool and Spa

Pulp & Paper
Textile
Transportation
Water Treatment
And more...



Innovative, Committed Experts Aligning With Your Parts Requirements

► With The Right Partner

We are innovative.

Our MultiFab™ Technology combines the capabilities of Fabrication, Machining, Injection Molding, and Polyurethane Casting under one roof, enabling us to manufacture any component using the recommended plastic for the application.

We are committed.

To hit tight schedules, we've developed and perfected comprehensive project management protocols utilizing ISO compliant standards to test, review, and modify products during manufacturing.

We are experts.

Our range of capabilities and depth of experience enables us to optimize production and combine processes and materials to suit the specification or challenge at hand.

It's time you found out more. Contact us.

sales@dpiplastics.com



We Put Polymers To Work For You.
Get A Quote On Your Project Today!
Call 800-321-0084 Or Visit
www.dpiplastics.com