As an ISO 9001-2015 certified company, we go above and beyond standard to deliver outstanding results on time and on budget.

COMMUNITY OF BUSINESSES

The capabilities of the Caster Concepts community of businesses allows the flexibility and cost savings to mass produce customize products with shorter lead times.

CONTACT US

Consider the Caster Concepts family of businesses when you have outsourcing opportunities. Every company is certified by ISO 9001-2015 standards and will go above and beyond standard to meet your specifications.

A DIVERSITY OF PRODUCTS & SERVICES

- Engineering & Product Development.
- Testing.
- Inspection and Quality Control.
- Polyurethane Processing.
- Precision Machining.
- Fabricating.
- Powder Coating.

MANUFACTURE GREATNESS

Within our employees to positively impact our families, communities, and customers.

SCAN ME TO VISIT OUR WEBSITE

16000 W. Michigan Ave
Albion, MI 49224
517-680-4213
www.casterconcepts.com
Office Hours: 8am – 6pm (EST) Mon.-Fri.
**Why Caster Concepts?**

The leader in industrial caster and wheel solutions for virtually every industry, Caster Concepts has a long history of quality products, outstanding service, and a never-ending desire for exceptional results.

Headquartered in Albion, Michigan, Caster Concepts is an efficient, modern facility with state-of-the-art manufacturing and testing equipment and highly skilled employees. We help our customers solve their motion problems cost-effectively within the shortest possible time.

Caster Concepts diversity of products and services allows us to meet almost any manufacturing need, from custom machining and laser applications to wheels, casters, and fabrication.

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**Engineering & Product Development**

Prototypes and production of custom products, dynamic testing, Finite Element, Analysis (FEA), and design.

- Design, Prototyping and Production of Custom Products and Automation
- Dynamic Testing, Proof of Concept Evaluation
- Finite Element Analysis (FEA) and Design
- Design and Development of Gauges and Fixtures
- Solidworks CAD Software

**Testing**

Wheel endurance and fatigue analysis, bond and peel testing, wheel shock absorption, dynamic and static performance.

- Wheel Endurance and Fatigue Analysis on Drum Testing Machine
- 24/7 Monitoring Multiple Sensors for Feedback
- Bond and Peel testing, and Qualification with up to 20,000lbs pull pressure.
- Wheel Shock Absorption, Dynamic and Static Performance

**Inspection & Quality Control**

ISO 9001-2015 certified, comparator and profilometer measurements, material hardness, full statistical process control.

- ISO 9001-2015 Certified Facilities
- Comparator for Voltage and Profilometer for Surface Roughness Measurement
- Rockwell Material
- Hardness Testing
- Full Statistical Process Control (SPC)

**Precision Machining**

Up to 36-inch CNC turning, milling, broaching, horizontal boring, OD and ID grinding.

- Specializing in short and long production runs
- CNC Vertical Lathe with Turning Capacity up to 60” Diameter
- CNC Milling with bed size of 64” x 32’ and z-axis reach of 29.5’
- Screw Machines Capable of 9/16” to 2-5/8”
- Broaching (24”, 48”, 72”)
- Horizontal Boring up to 68” x 84”
- OD Grinding up to 28” D x 96” L
- ID Grinding up to 18” D x 16” L
- Centerless Grinding up to 1.5” Diameter and 10” in Length
- Screw Machines Capable of 9/16” to 2-5/8”

**Polyurethane Processing**

Metal bonding, metered mixing, special and custom mold designs, batch processing.

- Expertise in Bonding to Metal
- Metered Mixing Capabilities
- Capable of Pouring Varying Durometers to meet Specifications
- Special and Custom Mold Designs
- Batch Processing Capable (For R&D or Small Quantities)

**We Build Trust Through:**

**On Time Delivery**

When we give our word on delivery, we are committed to doing everything within our control to meet our promise.

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