

CUSTOM INJECTION MOLDING

We are known for wheels but do not let the name fool you! We are a full-service custom manufacturer of injection molded thermoplastic components specializing in medium to high volume parts.



With nearly 50 years experience in this field, CEW can provide its clients with unmatched expertise and product quality.

Other reasons to choose CEW for your injection molding needs are:

- 33 injection molding machines in two facilities in North America
- 1200 tons down to 100 tons clamping force
- Shots sizes from 201 to 11 ounces
- Robotics on over 95% of equipment
- 29 of 33 machines are 2016 or newer
- Extensive automation for value add operations



COMPOSITE WHEELS

CEW develops custom plastic wheels for a variety of applications and industries. The goal is always superior performance and long-lasting service life.

Our composite wheels are utilized in many industries including:

- Lawn & Garden
- Medical Equipment & Mobility
- Industrial & Commercial
- Waste & Recycling
- Lightweight Material Handling
- Bicycle & Recreational

The superior quality composite wheels manufactured by CEW can be customized to fit your requirements.



We provide our clients with complete support from design to delivery. Through detailed discussions, we can design and manufacture products that are the best fit for your product and industry.

POLYURETHANE TIRES

Since 1988 we have been supplying closed and open cell microcellular polyurethane tires, PU tire inserts, PU Foam fill tires, and other products to varied sectors of medical, manufacturing, and industrial markets. Our six independent PU production cells give us the flexibility to produce different PU products at the same time, with different properties, colors, hardness, etc. Our experience in flexible and rigid polyurethane foams allows us to tackle many non-wheel solutions such as:

- PU Seat pads
- PU Arm rests
- PU Headrests
- PU Shoe pads

And more...

LOST CORE MOLDING

Typically reserved for military aerospace grade products, our Lost Core molding process is very unique. By overmolding an alloy core with fiber or carbon reinforce composite, then melting the core out, we create extremely complex internal geometry allowing for exact strength and lightweight specifications that no other molding process can duplicate.



PRODUCT DESIGN

In the initial step, we discuss the client's requirements and get a complete understanding of the expectations. We determine the specific structural, aesthetic, performance, environmental and economic parameters that need to be met.

TOOLING

CEW holds an important place in the wheel manufacturing and design industry. The key to this lies in our proprietary manufacturing process, which starts with proper tooling and mold design.

PRODUCTION

We employ Statistical Process Control (SPC) techniques to monitor product quality and to identify non-conformities before they take place.

ENVIRONMENTAL STEWARDSHIP

CEW supports environmental awareness by encouraging recycling and waste management in our business practices and operating procedures.

ISO 9001

CEW's employees and culture is committed to understanding and meeting the quality needs and expectations of customers and their markets.

Services include:

- Injection molding
- Polyurethane molding
- Lost-core injection molding
- No-Flat tire production

THE CEW ADVANTAGE

CEW offers extensive automation and part handling in the manufacturing and assembly processes. This provides accuracy, and minimizes human error, while also reducing internal costs. State of the art machinery saves time and provides reliability. With high standards of excellence employed in every task, we provide solutions geared towards maximizing accuracy and lowering costs.

CEW is a custom injection molding and polyurethane foam products supplier specializing in consumer products for North America. We create value for our shareholders, customers and team members by focusing on superior quality, outstanding customer service, innovation and manufacturing excellence.



BALDWIN, MISSISSIPPI



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