



FORMED PLASTICS INC.

ISO 9001 and AS9100 Certified

ROTATIONAL MOLDING • THERMOFORMING • FABRICATION

www.formedplastics.com



CELEBRATING 70 YEARS OF EXCELLENCE



“ Formed Plastics’ outstanding employee retention means that most of our employees have been with us for over 10 years. Our workforce is like family, all of us dedicated to 100% quality and on-time delivery. ”

— Ron Joannou, Jr., Vice President-Manufacturing



QUALITY PLASTIC PARTS PROUDLY MADE IN THE USA



“Over three generations, Formed Plastics has strived to meet our customers' expectations and to provide a rewarding workplace for our employees. This shows in the quality work we're known for, the many awards we've won for safety and product achievement, and in the longevity of our team.”

— Patrick K. Long, President (pictured with David M. Long, Executive Vice President)

A Family Tradition

Formed Plastics, Inc. is a third-generation rotational molder, thermoformer and fabricator of award-winning custom plastic parts. In the 70 years we've been in business, we've partnered with our customers on thousands of successful projects. Our longtime commitment to delivering quality parts on schedule and at minimal cost has earned us a **reputation for excellence**, and our 90 employees work every day to carry on that proud tradition.

Certified Expertise, Made in the USA

Our **ISO 9001** and **AS9100** certifications help us stand out in a crowded field of plastic processors, as does our capability for value-added assembly and our world-class quality system. Our diversified customer base includes companies large and small in dozens of markets, including automotive/transportation, aviation, scientific, military, and medical. **We are proud to manufacture here in the USA** and we aim to source exclusively from domestic vendors.

Getting Better, Faster – A Culture of Improvement

To succeed as a small business in the modern, highly competitive global marketplace, we've had to focus uncompromisingly on building a company that's leaner and more agile than our competitors. This focus has fostered a culture of continuous improvement that drives innovative manufacturing solutions, like our quick-changeover production system. This allows us the **unique flexibility** to produce smaller runs with frequent releases, something that gives many of our customers the edge they need.

Engineering Knowhow at Your Service

Our team includes an experienced, full-service engineering group focused on providing our customers with solutions to the countless challenges of industrial design. Through our expertise in enhancing part moldability, selecting optimal materials, and advising on the finer points of plastic part design, we are able to help our customers get the parts they need **at the lowest possible cost**.

A Team of Professionals You Can Rely On

With an **average employee tenure of 15 years**, our team is uniquely qualified to help our customers take their projects from initial concept to high-quality, low-cost finished parts. Read on to learn how Formed Plastics can help you, and contact us to arrange a visit to learn even more!



“Everyone at Formed Plastics works to cultivate an environment of trust, appreciation, and loyalty. We communicate honestly within the company and with our customers, which helps us to develop and maintain long-term relationships with our customers.”

— Steve Zamprelli, Vice President-Product Development

Formed Plastics ROTATIONAL MOLDING

Formed Plastics is the **longest continually operating rotational molding company in the world**, and we have been on the cutting edge of the industry since its beginning. We take pride in tackling challenging applications that push the boundaries of the process, a mindset that has yielded many successful and award-winning products.

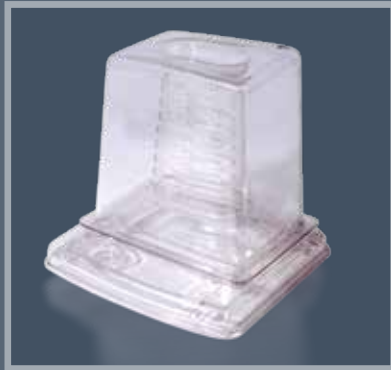
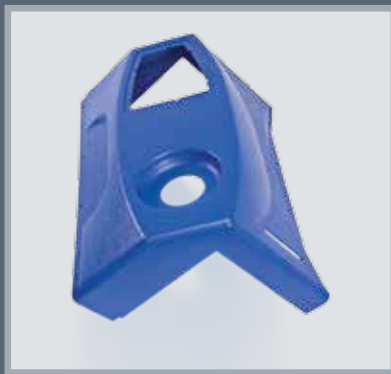
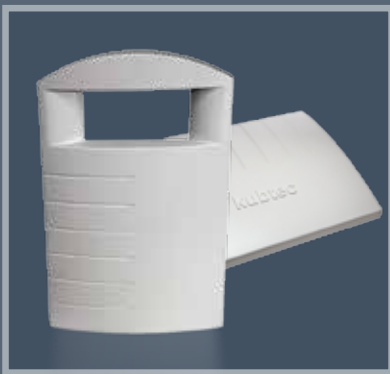
The rotational molding process can produce hollow parts in a wide variety of shapes and sizes, all with outstanding structural properties and uniform wall thickness. Designers of plastic parts have flocked to rotational molding as awareness of its many advantages has become more widespread, helping to make it the fastest-growing plastics molding process over the last decade.

In rotational molding, a premeasured amount of plastic resin is placed into a hollow aluminum tool. The tool clamps shut and cycles into an oven, where it rotates on two axes as the resin melts and begins to coat the inner surface of the tool with a uniform wall of plastic. Once optimal heating time has been reached, the mold cycles into a cooling chamber to prepare the plastic for removal from the mold. The resulting part is strong, seamless and stress-free.

Why select Formed Plastics for your rotational molding project?

- Our equipment can produce parts as small as an air vent for a jetliner and as large as a water storage tank
- We can successfully mold a variety of materials, including polyethylene, polypropylene, polycarbonate, nylon, acetal and Kynar
- Our engineering team will work with you to develop high-quality tooling with the capability to produce high-quality parts over many years of service
- We can produce double-walled parts that offer exceptional strength and insulation properties; parts can also be foam-filled if desired
- We can “mold-in” fittings and inserts to minimize assembly costs
- We can adjust wall thickness to add strength or reduce weight as needed; no costly tool modification required
- Our capability for secondary machining, assembly and part marking allows us to ship a finished product to your door





Formed Plastics THERMOFORMING

Thermoforming is an attractive option for many applications which require low tooling costs and smaller runs. Part appearance compares favorably to injection molding.

A sheet of plastic is heated until pliable and then formed against a mold where it cools and solidifies into the desired shape. Formed Plastics offers two types of thermoforming:

Vacuum Forming pulls the plastic sheet against the mold through tiny vacuum holes on the mold surface. It is a great option for parts that have a relatively simple design.

Pressure Forming adds air pressure that pushes the plastic sheet against the mold, producing cosmetically appealing parts with a very high level of detail. For designs requiring complex geometry, undercuts, or molded-in texture, pressure forming is an ideal option.

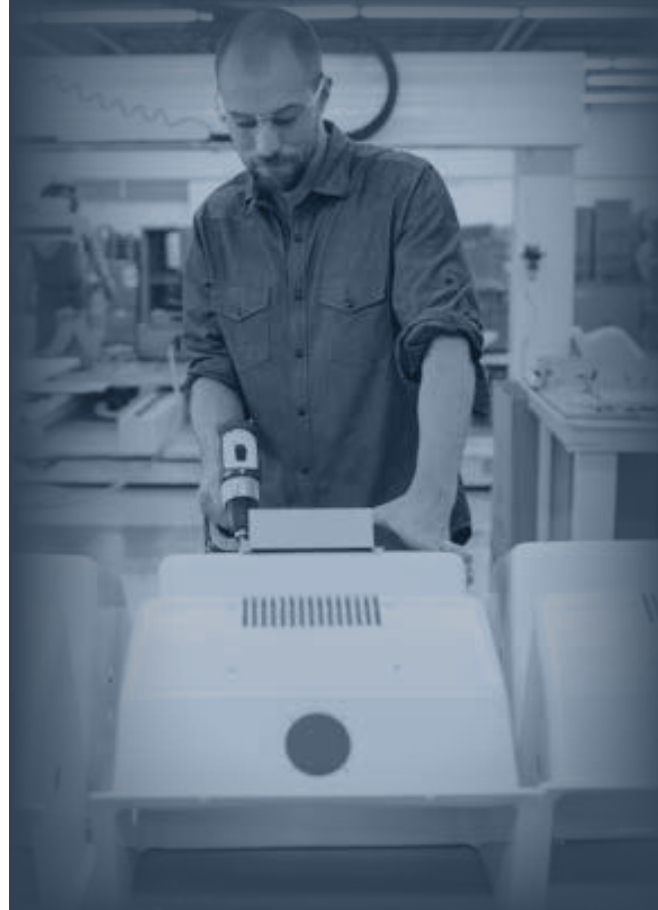
Why select Formed Plastics for your thermoforming project?

- Our state-of-the-art equipment is capable of handling projects ranging in size from 6" x 6" to 48" x 96"
- Our quick-changeover production system allows for cost-effective setups of small-quantity runs
- We have relationships with many key manufacturers and can cost-effectively source a wide variety of materials including Lexan, Kydex, ABS, PETG, Noryl, and TPO
- Our expert team of designers and mechanical engineers is available at every stage of the design and production process
- Our commitment to building or sourcing high-integrity tooling ensures dimensional consistency and superior gloss, color, and surface finish
- We offer a variety of finishing processes including CNC machining, RFI/EMI shielding, insert attachment, polishing, assembly, painting, and part marking



“ At Formed Plastics, we thrive on innovation and on solving our customers' problems. From start to finish, our team is available to provide support, advice, and the best customer service in the business. ”

— Matthew Desmond, Vice President-Administration



Formed Plastics FABRICATION/MACHINING

Fabrication is ideal for prototype or small-volume applications that may serve as a precursor to a finished molded part.

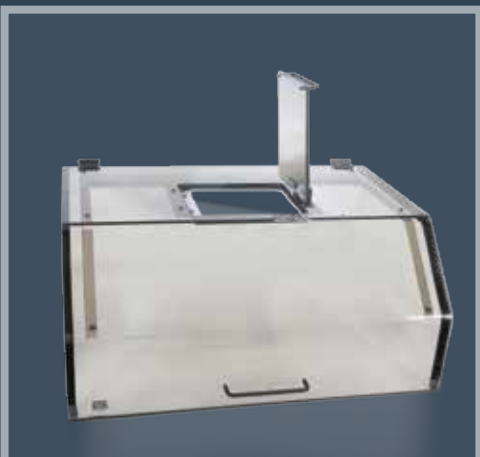
Formed Plastics can line-bend or machine virtually all plastic materials to produce high-quality parts without the expense of developing a hard tool.

Why select Formed Plastics for your fabrication project?

- Our lineup of 3-axis and 5-axis CNC routing stations can handle most plastics machining jobs
- Our proprietary line-bending station allows us to hold industry-leading tolerances with fast setup times
- We use highly engineered fixturing to attach hinges, pistons, handles, and inserts, ensuring an easy fit to your assembly right out of the box

“ We never take on a project unless we’re certain that we can deliver exactly what the customer expects. We’re always confident that we can get the job done right, and we want our customers to feel assured that their project is in the hands of a reliable and capable partner. There’s no better way to develop this confidence than to visit us and see our operation firsthand. Once you’ve met our team, seen some of our past and current projects, and toured our facility, we know you’ll be excited to get started working with us! ”

— David M. Long, Executive Vice President



AWARD WINNING

Product Excellence and Employee Safety

EXCEPTIONAL

Customer Service

EMPLOYEE LOYALTY

Dedication and Longevity



“ In the 70 years Formed Plastics has been in business, we’ve worked with our customers on thousands of projects. We are in a unique position, with our many years of experience and the multiple processes we offer under one roof, to assist our customers in selecting the most cost-effective and appropriate path to a successful solution. ”

— Todd St. Germain, Vice President-Sales



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