



PRINTFORM
Design • Create • Innovate

Custom Manufacturing Solutions Prototype to Production

Your Single Source For On Demand Manufacturing

PROTOTYPES

PRODUCTION

PLASTIC
AND METAL

DEDICATED
SUPPORT TEAM

EASY QUOTE
PROCESS

FAST
LEAD TIMES

PrintForm is a single source for build-to-order custom manufactured plastic and metal parts, and delivers expert level service in transitioning customers through the design to manufacturing cycle.

CONCEPT MODELING Typically needed early in the design process to demonstrate new ideas, concept models are built to look and feel like finished products. These models can be used to collect market and user feedback, while also helping with trade shows and promotional materials.

RAPID PROTOTYPING Built directly from a 3D CAD File, rapid prototypes do not require any type of tooling, and are the ideal way to test new designs and limit the time and cost associated with bringing a new product to market.

CASTING PATTERNS Depending on your production requirements, PrintForm can provide either investment casting patterns to assist with foundry castings, or highly finished master patterns to be used with silicone or other molding processes.

END USE PARTS Providing both plastic and metal parts in quantities from 1 to 100,000, PrintForm is your ideal source for end use parts. Proven manufacturing processes like CNC Machining, sheet metal, and Injection Molding are complemented by our additive manufacturing capabilities which provide you with incredible design freedom.

Industries



Advancements in materials and capabilities continue to benefit the **Aerospace and Defense** market, mainly by reducing weight and consolidating the number of parts and designs, resulting in increased efficiency.



Scaled **architectural models** are a fantastic way of displaying a design. PrintForm provides full color models through the CJP process, which can be expanded to include terrain, water and trees, etc.



PrintForm is helping to accelerate vehicle design by providing prototypes and production parts for a wide variety of applications in the **automotive industry**.



The search for more efficient, sustainable energy sources requires the ability to quickly design and test with ease and accuracy. We provide those in the **energy market** with the solutions they need to fuel our world.



For applications ranging from home appliances to hand held electronic devices, we are here to serve the **product development community** with solutions ranging from concept models to end use parts.



The **healthcare and medical product marketplace** requires a vast array of custom manufacturing services. PrintForm can provide plastic and metal parts for any number of medical applications.



In addition to traditional manufacturing, the **oil and gas industry** has begun adopting additive manufacturing into its regular workflow process in many areas, including the production of custom or small run components.



Services

DFAM (DESIGN FOR ADDITIVE MANUFACTURING) If you need help finalizing a 3D CAD file, or want to discuss an overall manufacturing strategy for your project, request a consultation with us today.

SLA (STEREOLITHOGRAPHY) One of the most accurate 3D printing technologies, SLA is ideal for concept models, rapid prototypes, master patterns, form and fit studies, and investment casting patterns.

SLS (SELECTIVE LASER SINTERING) SLS parts are ideal for functional testing, rapid prototyping and end-use parts, and is a great option for applications requiring a high heat or chemically resistant materials.

FDM (FUSED DEPOSITION MODELING) Ideal for building durable components with complex geometries in nearly any shape and size, FDM is the only additive manufacturing process that uses materials like ABS, PC-ISO polycarbonate, and ULTEM 9085.

CJP (COLOR JET PRINTING) CJP is often a lower cost option, and is perfect for creating full-color concept models, architectural models, and demonstration models.

DMLS (DIRECT METAL LASER SINTERING) This accurate metal 3D printing process provides fine feature detail, making it ideal for complex oil and gas components, custom medical guides, consolidated aerospace parts, and tough functional prototypes.

POLYJET Parts made with Polyjet are highly accurate with great surface finish. Polyjet parts are used for form and fit checking, show models, and master patterns for direct casting, and can be sanded and painted for cosmetic applications.

CAST URETHANE (SILICONE MOLDING) The cast urethane process creates low volumes of production urethane parts using silicone molds. It is ideal for molded parts on a short timeline, and the materials offer an array of mechanical and thermal properties for a variety of applications.

CNC MACHINING CNC machining is the ideal choice for high-quality plastic and metal parts requiring the greatest degree of dimensional accuracy, critical surface finishes, material-specific properties, and for parts that are too large for additive prototyping processes.

SHEET METAL Common sheet metal designs include clips, brackets, and covers, which can be used in a variety of industries, including automotive, lighting, consumer products, appliances, and other industrial applications.

INJECTION MOLDING Injection molding is the industry's most common way to manufacture plastic parts, particularly when larger quantities are required.



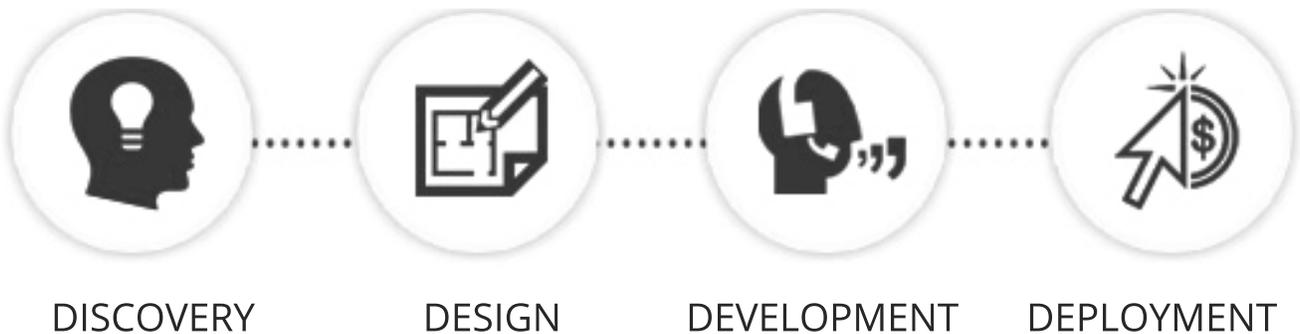
Our Mission

At PrintForm, our mission is to make it easy for our customers to utilize advanced custom manufacturing technologies to transform the way they conceive, design, prototype, and manufacture new and improved products.

We are experienced and passionate about providing the service and support to guide our customers through the product design and development lifecycle.

We understand the importance of serving the customer, and focus our efforts every day on bringing people around the world together to Design, Create, and Innovate.

Unique combination of Service & Delivery Platform



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