

OUR PROTOTYPE PROCESS

1.

ENGINEERING FILES ARE CREATED
UTILIZING INDUSTRIAL 3D SCANNING
OR DRAWN UTILIZING CAD SOFTWARE.

2.

THE PROPER PART SUBSTRATE IS
CHOSEN FROM VARIOUS PLASTICS,
METALS, OR CARBON FIBER.

3.

THE PART IS FORMED UTILIZING
INDUSTRIAL 3D PRINTING EQUIPMENT.

4.

THE PRINTED PART IS MACHINED IF
NECESSARY TO ACHIEVE DESIRED
FINISH APPEARANCE AND TOLERANCES.

5.

THE PART CAN BE PAINTED, CHROME PLATED,
OR SHRINK WRAPPED TO ACHIEVE
FINAL APPEARANCE.

In addition to our award-winning prepress services and production capabilities of offset and dry-offset printing plates (CTP), the MERIDIAN Design Studio has expanded its capabilities to provide the following offerings:

- Industrial-Grade 3D Scanning
- Computer Aided Design
- Industrial-Grade 3D Printing
- Augmented Reality Prototyping
- CNC Machining
- Full Color Labeling for Prototypes
- Eco-Solvent Printing Services

By combining these disciplines, our talented team can offer a wide range of services including, but not limited to, creating prototype containers in days (not months), making low volume production parts, replacing obsolete or broken parts and tooling, or creating sales samples.



There are no great limits to growth because there are no limits of human intelligence, imagination, and wonder.

Ronald Reagan

Our Industrial-Grade 3D Printing capabilities include the ability to print in a wide variety of plastics including PLA and ABS, carbon fiber composites with continuous fiber reinforcement, and various grades of stainless steel and tool steels. We are constantly expanding our 3D printing capabilities and the number of substrates that we have available for part and prototype production.

Contact us at 330-759-9099 or meridian@rsi.biz to learn more about our capabilities and offerings, to have a more detailed discussion about your idea or vision, or to request an immediate quote or get immediate assistance.

THE MERIDIAN DESIGN STUDIO, LLC IS A WHOLLY-OWNED SUBSIDIARY OF REYNOLDS SERVICES, INC.,
YOUR METAL SERVICE CENTER SPECIALIZING IN SERVICING THE METAL PACKAGING, METAL STAMPING, AND METAL FORMING MARKETPLACES.