

# LASER CUTTING + FORMING CAPABILITIES

Need parts now? USMC's fiber lasers ensure fast turnaround and clean & accurate cuts in a wide variety of metals.

Our fiber lasers excel at cutting, engraving, and boring metals. Our new Mazak Optiplex Champion fiber lasers are a great option for high-volume production of parts in thin to mid-thickness materials.

Our forming process is further enhanced with our automatic press brake which allows for rapid setup and increased production efficiency.

### SPECIFICATIONS

- Mazak 3000 Watt & 8000
  Watt Fiber Lasers
- Automatic SafanDarley
  CNC Press Brake
- Rapid Set-up
- Reduced Number of Production Steps



34 Year Industry Experience | 134,000 Sq. Ft. Facility | ISO 9001:2015 Certified

- info@us-metalcrafters.com
- 336-861-2100
- 2400 Shore Street, Archdale, NC 27263
- us-metalcrafters.com
- Follow us on LinkedIn for more



# FABRICATION & ASSEMBLY CAPABILITIES

US Metal Crafters offers a wide range of cutting, shaping, and joining capabilities. Our experience runs the gambit. We routinely fabricate metal cabinets, chassis, as well as countless other flat and formed sheet metal parts and assemblies used in consumer products and industrial applications.

Our broad capabilities enable us to tackle assemblies that require multiple manufacturing processes. Assemblies are joined by welding or other mechanical methods. From prototype to production quantities, you can rely on USMC's equipment, expertise, and capacity to deliver your parts on time and on budget.

## SPECIFICATIONS

- Multiple Stamping Presses
  - 40-200 Tons
- Trumpf Turret Punches
  - Up to 28 Tons
- Tube Benders up to 3"
- Press Brakes up to 175 Tons
- MIG/TIG Welding
- In-House Powder Coating & Wet Paint Line



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## POWDER COATING & METAL FINISHING SERVICES

Our in-house Metal Powder Coating services are complemented by our Metal Fabrication and Assembly services. We ensure on-time delivery and durable, high quality finishes for all your precision metal components and assembly needs by offering these services in-house.

Say goodbye to outside vendor delays and ensure on-time delivery with US Metal Crafters Powder Coating. From design to production to finishing, we can serve all your metal needs Under One Roof.

#### SPECIFICATIONS

- Heraeus PLC Infrared Gas Catalytic Powder Coating Oven
- Custom closed-loop EPA compliant wash system
- Full spectrum of standard and vibrant coat options



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## SAMPLE PRODUCTION

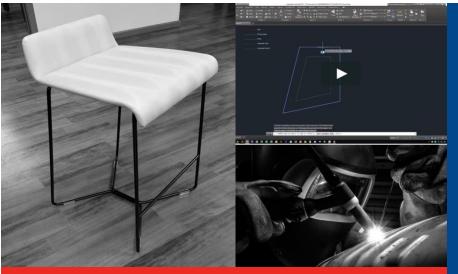
New idea? New product? Wish you had your own sample shop?

Let us partner with you to develop a fully vetted sample that ensures full production accuracy.

- Eliminate those nagging post-production adjustments.
- Leverage our expertise in project management and design
- Access our top level equipment and software
- Control your budget

## **KEY FEATURES**

- Dedicated Prototype
  Engineer
- Tool & Die Shop
- Laser Cutting & Forming
- Autocad 2020 (CAD),
  Fusion 360 (CAD/CAM/CAE),
  Metacam (CAD/CAM),
  Profil (CAD),
  Radan (CAD/CAM)



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34 Year Industry Experience | 134,000 Sq. Ft. Facility | Dedicated Prototype Specialist



## ADVANCED PLANAR INSPECTION

Leading the Way in Quality Assurance.

Our 3D Optic and Planar Inspection System utilizes world renowned QA technology.

- Accurately measure surfaces and edges in 3D
- QA issues identified through single click inspection
- Instant product quality verification, reverse engineering capabilities, & comprehensive report generation

## **KEY FEATURES**

- 3D Inspection
- Reverse Engineering
- Can measure surfaces & edges in 3D
- 40 million measurements in 0.1 seconds
- CAD comparison



## GET IN TOUCH

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