

TDI Shop Machines and Fabrication Services

3D Printing

- Raise 3D Pro2Plus
 - Build Volume 12 x 12 x 23.8 in
 - Diverse Filament Compatibility (300°C)

Machining

- CNC Mill
 - Haas VF-2 Vertical Mill with optional 4th axis rotary head
 - 30" X travel, 20" Y Travel, 20" Z Travel
- CNC Lathe
 - Mori Seiki Turning Center SL-15M with live tooling
 - 5" diameter x 22" long maximum size
- Bridgeport Knee Mill
- Acer Lathe
- Drill Presses
- Horizontal & Vertical Bandsaws

Sheet & Plate Metal Fabrication

- CNC Waterjet Cutting Center
 - Flow International 48" x 96" table
 - 8" maximum part thickness
- CNC Laser Cutting Machine
 - Trumpf 1500W CO2 laser with 48" x 96" table
 - 3/8" Mild Steel, 1/8" Aluminum, 1/8" Stainless Steel 30" X travel, 20" Y Travel, 20" Z Travel
- Metal Bending
 - Wysong 140 ton press brake
 - 3/8" max thickness, 14' max length for smaller thicknesses
- 50 Ton Piranha Ironworker

Tube Bending

- ProTools Tube Bender

Surface Treatment

- Bead Blast Booth
- Parts washer
- Burr-King Vibratory Deburring Machine
- Powder paint booth and 48" x 48" x 72" curing oven

Welding

- MIG Welding
- TIG Welding
- Oxy-acetylene Cutting Torch