

Fabrication Department

CNC Combination Turret Press / Laser

- Amada Apelio 357V hydraulic turret / 2000 watt laser, 4'x12' max sheet size
.250" max material thickness (mild steel and stainless)
- Amada EML3610NT Servo direct drive turret/4000 watt laser 5'x12' sheet size
Automated material handling with 30 shelf material storage capacity
Automated load/unload with TK spec parts pick and skeleton removal system
Brush table for high cosmetic – lights out operation

CNC Laser Cutting

- Amada Gemini FO 3610 4000 watt laser flying optic 5'x12' max sheet size
Automated material handling with 30 shelf material storage capacity
Automated load/unload capability
Lights out operation

Maximum Material Thickness
.750" mild steel
.500" Clean cut stainless steel
.500" Aluminum

CNC Forming

- Amada Astro FBD Robotic Press Brake, 128 ton 10' bed – multi axis
2 robots for automated load bend, unload cycle
High accuracy and repeatability
Lights out operation
- (2)Toyokoki HYB Press Brake, 33/275 ton, 4'/13' bed, 11 axis (BS)
- Amada HFB Press Brake, 110 ton, 10' bed, 8 axis (BA)
- Amada FBD Press Brake, 110 ton, 10' bed (BF)
- Amada FBD Press Brake, 56 ton, 6' bed (BG)

Engineering Department

Our engineers can assist in design and development of your next product. We have the following software to assist you in any way:

- Keycreator, AutoCAD, and Solid Works.
- We program our CNC machine centers and turning centers with Virtual Gibbs.
- We program our lasers and NC punching machines with N-Cell and Amada AP100 CAD/CAM software.
- We accept electronic files with .DXF, .DWG, .STEP, .ACIS, .UDAFS, .URML, .STL, .CATIA, .Pro-E, .UGII, Inventor, Solidedge, and Cadkey formats.
- Sheet works for part unfold
- Dr. Abe auto nesting for exceptional material utilization (Fabrication Department)
- Bend/Cam for auto part form programming (Fabrication Department)
- Virtual Prototype Simulation System (Fabrication Department)
- VFactory for production monitoring and continuous improvement (Fabrication Department)
- LinkNet for production monitoring and continuous improvement (Stamping Department)