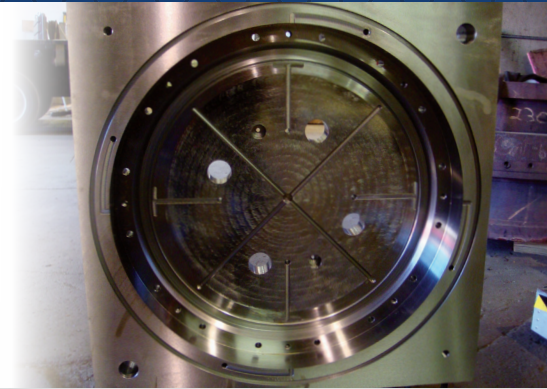


High Tech Mold & Machine provides the following services: Large CNC and manual turning, hard turning, CNC and manual milling, Wire EDM, MIG and TIG welding and assembly. We also have well established relationships with plating and chemical etch companies.



Turning

- CNC Froriep VBM: Fagor 8055 Control
Table: 55" Max Swing: 64"
Motor: 50 Hp
Max Height: 55"
- Bullard VBM Manual
Table: 78" Max Swing: 90"
Motor: 100 Hp
Max Height: 65"
- Froriep VTL Manual
Table: 55" Max Swing: 64"
Motor: 50 Hp
Max Height: 55"
- Froriep VTL Manual
Table: 45" Max Swing: 54"
Motor: 50 Hp
Max Height: 44"
- Bullard VTL Manual
Table: 36" Max Swing: 46"
Motor: 30 Hp
Max Height: 40"

Fabrication

High Tech Mold & Machine has extensive experience welding pressure vessel material in accordance with "U" stamp procedures, as well as carbon steel and bronze.

- 2 - Lincoln Ideal Arc DC600
- Lincoln Ideal Arc R3R-500
- Lincoln Precision TIG 375
- 2 - Weld Positioners with 18,000 lb capacity

Milling

- CNC Haas VF8
Table Size: 60" x 36" Capacity: 4,000 lbs
Travels: X = 60", Y = 40", Z = 35"
7,500 RPM, 24 ATC, 40 Taper
- CNC Union HBM, Fagor 8055 Control
Table: 65" x 45" Capacity: 15,000 lbs
Travels: X = 76", Y = 50", Z = 55"
1,500 RPM, 50 Taper, Built-in Rotary Table
- Cincinnati-Gilbert HBM Manual
Table: 60" x 60" Capacity: 20,000 lbs
Travels: X = 65", Y = 65", Z = 50"
Max Height: 55"

Wire EDM

- CNC Fine Sodick A320D
Travels: X = 12.5", Y = 8.0", Z = 6.0"
Taper: 30 Deg

Additional Equipment

- South Bend Engine Lathe,
- Sidney Engine Lathe
- Peerless Horizontal Bend Saw
- American Radial Drill Press
- Lagun Vertical Mill
- 15 Ton All-Terrain Crane

Material List

- A36
- Pressure Vessel steel A516-70
- 4140
- Aluminum
- Cast Iron
- Stainless Steel
- Chromoly steel
- Stellite
- VAM 20 (minimum 65 Rockwell)