University of Wyoming
College of Engineering and Applied Science
Machine Shop Capabilities

Haas VF-2 Vertical CNC Machining Center
- 20 hp
- 10,000 rpm
- x-travel: 30 in.
- y-travel: 16 in.
- z-travel: 20 in.

Haas TM-3 Vertical CNC Toolroom Mill
- 7.5 hp
- 4,000 rpm
- x-travel: 40 in.
- y-travel: 20 in.
- z-travel: 16 in.

Haas TL-2 CNC/Manual Toolroom Lathe
- 12 hp
- 1,200 rpm
- Max cut diameter: 14 in.
- Max cut length: 48 in.

Omax 2652 Water Jet Machining Center
- Table size: 69 in. by 30 in.
- x-travel: 30 in.
- y-travel: 16 in.

3 – Conventional Knee Mills
4 – Conventional Lathes
3 – Vertical Bandsaws
2 – Horizontal Bandsaws
3 – Drill Presses

Brown and Sharpe 1224 Surface Grinder

Millermatic 350P MIG Welder
- Steel: 24 ga. to 1/2 in.
- Aluminum: 18 ga. to 1/2 in.

Miller Syncrowave 250 DX TIG Welder
- Steel: 0.012 in. to 1/2 in.
- Aluminum: 0.015 in. to 3/8 in.

Miller Spectrum 2050 Plasma Cutter
- Maximum cutting capacity: 1 – 1/8 in.

Miller Spot Welder

Jancy JB2400 Tube and Pipe Bender
- Max Capacity: 2-inch schedule 40 pipe

Almi AL 100 Universal Pipe Notcher
- 0.75 in. to 3.0 in. diameter

Sheet Metal Shear
- 4-foot width
- 1/8-inch aluminum, 16 ga. steel

Sheet Metal Brake
- 4-foot width
- 1/8-inch aluminum, 16 ga. steel

Bead Blaster

Clark 2-ton Forklift

5-ton Overhead Crane

10-inch Rockwell Table Saw

8-inch Delta Jointer

12-inch DeWalt Sliding Compound Miter Saw