



## D&F Precision Machining Facilities List

Phone: 814-795-9905

Website: <https://dnfprecision.com/>

### CNC Machines

- **2021 Haas UMC 750 (5-Axis Vertical Mill)**
  - 30 x 20 x 20 travels
  - 15,000 rpm spindle
  - Wireless probe system
- **2022 Smart Machine Tool NL2000BSY**
  - C-axis, Y-axis
  - Live tooling
  - Tool setter
  - Dual spindles with 2, 8-inch chucks
- **2021 Smart Machine Tool NL 1500 M lathe**
  - C-axis
  - Live tooling
  - Tool setter
  - Live tooling
  - 6-inch chuck
- **2019 HAAS VF4SS Vertical Mill**
  - 50 x 20 x 25 travel
  - High speed machining
  - Wireless probe system
  - Nikken 5-axis trunnion
  - 4<sup>th</sup> & 5<sup>th</sup> axis ready.
  - 15,000 rpm spindle
  - Dynamic work offset and control
- **HAAS 4<sup>th</sup> Axis Trunnion**
- **HAAS VF 3 Vertical Mill**
  - 40 x 20 x 25 travels
  - 4<sup>th</sup> axis ready
- **HAAS TM 2 CNC Mill**
- **HAAS SL-10 CNC Lathe**
  - 6-inch chuck
  - 5c collet system
- **Sharp Mill - ProtoTrak Edge CNC Controller**
- **GX 480 Bridgeport CNC Mill**
  - 10,000 rpm spindle

- **RL-9060 CO2 Laser**
  - Engraving area 35.4 x 23.6
  - 10in. usable table height
  - Indexer for round stock (1)

### CNC Wire

- **Sodik AQ327L Wire EDM**
  - Linear drive
  - Submerged auto-threading

### Sinker EDM

- **Hansvedt EDM (4)**
  - 4 with orbicut
- **EDM Drillmate Hole Popper (1)**

### Compressors

- **Ingersoll-Rand Air Compressor**
- **Kaishan Air Compressor**

### Grinding Equipment

- **Sharp 5G 820-3A AutoStep Grinder**
  - 8 x 20 chuck
- **Okamoto 6-12/14 Surface Grinder with Opti-Dress (1)**
- **Okamoto 6-12 Surface Grinder (8)**
- **Harig 612 Surface Grinder (3)**
- **Chevalier FSG 618 Auto Step Surface Grinder**
- **Okamoto 10 x 24 Automator Surface Grinder**
- **Sunnen Hone & Tooling**

### Manual Machines

- **Trak TRL 1745 P with ProtoTrak LX-2 - CNC Controller**
  - 10-inch 3-jaw chuck, 12-inch 4-jaw chuck
  - 5c collet system
- **Sharp 1640C Manual Lathe 10 Inch chuck**
  - 12-inch 4-jaw chuck
  - 5c collet system
- **Sharp Manual Mill**

### **Inspection Equipment**

- **Micro-Vu Comparator**
  - 3 lenses
- **Jones & Lampson– 28 Inch Optical Comparator with Quadra-Chek**
- **Scherr Tumico – 14 Inch Optical Comparator**
- **Meyar Gage Pins**
  - .011”-1.000”
- **Mitutoyo 12-Inch Height Master**
- **Brown & Sharp 12-Inch Height Master (5)**
- **Ceramic, Carbide, & Steel Gage Blocks (13 sets)**
  - 81 pieces per set
- **Starrett Crystal Pink Surface Plates (8)**
  - 12 x 18, 18 x 18, 18 x 24

### **Welding & Fabrication Equipment**

- **Miller Mig Welder (1)**
- **Miller Tig Welder (1)**
- **Hypertherm Powermax45 XP Plasma Cutter (1)**
- **Sheet metal breaks (2)**

### **CAD/CAM Workstations with Fusion 360 Software (4)**

### **Misc. Tooling**

- **Atco Precision Tool Centerless Grinding Fixture**
- **Hermann Schmidt 3 Inch & 5 Inch Magnetic Sine Plates**
- **Flex Arm Tapping Station**
- **Roll-in-Band Saw (4)**