Drilling Capabilities

*On-center holes, off-center holes, angle holes, blind holes, bottle boring*

**Drilling**
ID Size .055 to 2 inches, lengths to 32 feet.

**Trepanning**
ID Size 2.00 to 13.875 inches, lengths to 32 feet.

**Boring**
ID Size 0.5 to 14 inches, lengths 6 to 36 feet.

**Honing**
ID Size up to 12 inches, lengths to 30 feet.

Turning, Milling, Grinding Capabilities

**CNC Turning**
Diameters up to 40 inches, lengths up to 360 inches.

**CNC Milling**
Vertical/Horizontal up to 30x30 inches, exceeding lengths of 360 inches.  
4 axis CNC mills w/ head tilt capabilities, lengths up to 177 inches.

**EDM – Sinker**
Internal and External geometries.

**CNC Mill/Turn Centers**
5 axis mill, diameters up to 30 inches, lengths up to 177 inches.

**CNC Cylindrical Grinding**
Diameters up to 32 inches, lengths up to 10 feet.

Center-less Grinding
Thru feed 1 inch up to 5 inch diameters, lengths up to 20 feet.

Spline and Gear Machining

*Shaping, Hobbing, and Grinding*

**ID/OD Shaping**
Up to 10 inch pitch diameters, lengths up to 6 inches.

**OD Hobbing**
Up to 16 inch diameters, lengths up to 56 inches.

**CNC OD Grinding**
Up to 30 inch diameters, lengths up to 130 inches.

**CNC Spline Grinding** – splines, modified splines, and gears, up to 19 inch diameters, lengths up to 110 inches.

Inspection Services

**Zeiss CMM Inspection Equipment**
Lengths up to 165 inches.

**Precision dynamic shaft balancing**
Shaft lengths up to 10 feet.

**Gear Metrology**

**Magnetic Particle Inspection (MPI)**
6,000 amp 16 inch coil, up to 1,500 pounds, lengths to 100 inches.

**Ultrasonic Tube Inspection**

**Helium Leak Inspection**

**FPI/LPI Dye Penetrant Inspection**

(Services continued on back)
Hunting Dearborn Services & Capabilities

Surface Enhancements

Black Oxide Coating
30 x 30 x 60 inch tank dimensions

Shot Peening
Diameters to 16 inches, lengths to 32 feet.

ID Roller Burnishing
Thread Root Burnishing
Weld Cladding – Hard Facing

Materials We Machine

Hunting Dearborn has experience machining virtually all non-mag, corrosion resistant, and HPHT stainless alloys available today. Alloys include: duplex chrome, 925, 718, MP35N, Hastelloy, Toughmet, Ti Beta-C, 6al4V Titanium, 17-4PH, and more.

Industries We Serve

Hunting Dearborn, Inc. (formerly known as Dearborn Precision), has been the industry leader in deep hole drilling and machining of precision tubular components since 1947.

Now, as a Hunting Energy Services company, we serve customers all over the world with dedication, innovation, and quality. We deliver the most sophisticated bore-making and CNC machining capabilities to clients in aerospace, oil & gas, power generation, and the commercial nuclear industries.

Accreditations, Certifications, & Associations

Contact Us

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This is a partial list of our services and capacities. Please call to confirm current capabilities - resources are always being updated.