



Hunting Dearborn Services & Capabilities

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)

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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



American
Gear Manufacturers
Association

Contact Us

Hunting Dearborn
6 Dearborn Drive
Fryeburg, ME 04029, USA

Phone: 207.935.2171

Email: dearborn@hunting-intl.com

Web: www.hunting-intl.com/hunting-dearborn