

PTX leads with quality. We'll help you meet your cost, schedule, & performance goals.



CNC HORIZONTAL BORING

- 58ft (x), 10ft (y), 5ft (z)
- Ability to handle extremely large products
- Full 8ft x 8ft vertical table
- Allows to bore in small/large cavities with ease
- Runs on large 25 ton crane capacity

CNC VERTICAL & HORIZONTAL BORING

- 8ft (x), 4ft (y), 5ft (z)
- 5-Axis Universal head eliminates multiple set-ups/operations ability to hold extremely tight tolerances up to .00002"
- 24 tool auto changer
- Spindle speed of 6k+ RPM
- Large 20 ton crane capacity

CNC VERTICAL TURNING

- Turning up to 8 ft diameter
- Turning up to 5 ft height
- Single column high speed turning
- High accuracy turning
- Spindle speed 240 RPM
- Large 20 ton crane capacity

SWISS SCREW MACHINING

- Accomodate workpieces up to 32mm in diameter
- .78" dia x 7.87"
- Spindle speed of 10,000 RPM & 50,000 RPM live milling
- 9-axis live tooling capability

EDM MACHINING

- 12" (x), 10" (y), 8" (z)
- Holding tolerances of $\pm .0001$ " up to 12" in length, 10" in width, 8" in height
- Sinkers and Wire EDM Capabilities

CASTING CAPABILITIES

- Air Set Sand Casting
- V-Process Casting
- Green Sand Casting
- In-House Pattern Engineering Molding

WELDING CAPABILITIES

- D17.1/AMS1595 Missile and Aerospace
- AWS D1.1 Structural Welding
- Hydrostatic Pressure testing - up to 20,000 PSI
- Pneumatic and water leak test capabilities

OTHER MACHINING EQUIPMENT

- Cycle-Controlled Lathe
- 4-Way Bed Lathe
- Multitasking CNC Lathes
- Precision Deburring
- Waterjet precision cutting
- Laser precision cutting

3D SCANNING & INSPECTION

- Creo 3D Scanner
- Nikon Metrology CMM Arm Scanner
- Wenzel XO 87 CMM with Scanner
- RAM Optical MVP Sprint Vision System
- Zeiss Eclipse 600mmX600mmX400mm CMM

3D PRINTING AND MOLDING

- Poseidon-Gen2 3D Printing technology
- 56"(w), 56"(h), 40"(d) build area
- Construct design to most basic metals

MATERIAL SPECIALIZATION

- "Stainless-steel nickelbased alloys: 303, 304, 316L, 318, 440, 15-5, 17-4 PH"
- "Specialized Alloys: Inconels, Molybdenum, Kovar, Cobalt, Haynes 242, Waspalloy."
- Standard Materials: Aluminum, Steel, Titanium, Brass, Copper.

CLEAN ROOM STORAGE / VENDOR MANAGED INVENTORY

- Just In Time Delivery with High Quality Guaranteed.
- 50k sq ft Temp & Humidity Controlled Warehousing.
- State of the art clean room
- Dedicated clean environment

Why Customers Like Collins Aerospace Love Us

QUICK RESPONSES:

Quotes turned around within 2 business days.

ENGINEERING & REVERSE ENGINEERING:

From concept to completion.

QUALITY DRIVEN:

We guarantee our product quality.

CUSTOMIZED MANUFACTURING SOLUTIONS:

