



Centerline Inc

Centerline Inc – Equipment and Assets Listing

Spindle Repair

Clean Assembly Room

Presses to 150 tons

Highest Precision Instruments and Measuring Equipment

Spindle Testing

Full Quality Control Testing Stations including full electrical, lubrication, pneumatic, hydraulic and condition monitoring capabilities

Balancing/Vibration Analysis

Highly skilled technicians using Schenck, Hoffmann, IFM and IRD equipment

Machining

Turnings up to 60 inches between centers and up to 16 inches diameter

Milling at 30 x 20 x 20 inches (X-Y-Z)

- Mazak Nexus QT350MY

- Haas VF-2YT

- Bridgeport EZ Path Lathe

- Enco Lathe

- Proto Trak Mill

Grinding

Grinding up to 36 inch lengths and up to 12 inches diameter

- (2) Kellenberger 1000U Universal Precision Grinders for ID, OD and taper grinding

- G&N Surface Grinder

- Henninger Center Grinder

Tolerances/Precision

In our Temperature controlled environment 5 μ m (0.0002in) tolerances on an ID/OD diameter after grinding are common.

Spindle Repair Support

Centerline's manufacturing capabilities provide parts for repair when the OEM is out of stock, too expensive, part is no longer available, and/or lead time and/or cost is prohibitive.

Custom Manufacturing

Diverse, specialized and capable equipment range makes Centerline a unique and highly qualified manufacturing option in the machine tool spindle industry as well as any other industry requiring the utmost in quality and precision.



Centerline Inc

Engineering to Improve Performance

Application Specific Improvements, re: increase stiffness, improve finish, run faster, improve sealing system. Identify problems and engineer solutions.

Centerline uses the latest version of AutoDesk's AutoCAD for engineering and archiving technical drawings.

Centerline's custom spindle repair tracking software systems and library keep track of critical repair details including incoming and final QC inspection spindle performance data.