

GEARING CAPABILITIES

AMERICAN-MADE PRECISION GEAR SOLUTIONS

As part of Sumitomo Drive Technologies, Riverside provides precision gear manufacturing, machining, repair, and aftermarket services for power transmission applications.

Manufactured in the United States using high-quality American steel, Riverside supports OEM and service needs with material inventory available for rapid response requirements.

ISO 9001:2015 Certified

Gear Manufacturing

Production of precision gears for industrial power transmission applications supporting OEM and replacement requirements.

Gear Hobbing

Efficient cutting of spur, helical, and related gear forms across a wide range of sizes and pitches.

Gear Shaping

Generation of external and internal gear teeth, including spline forms and complex geometries.

CNC Machining

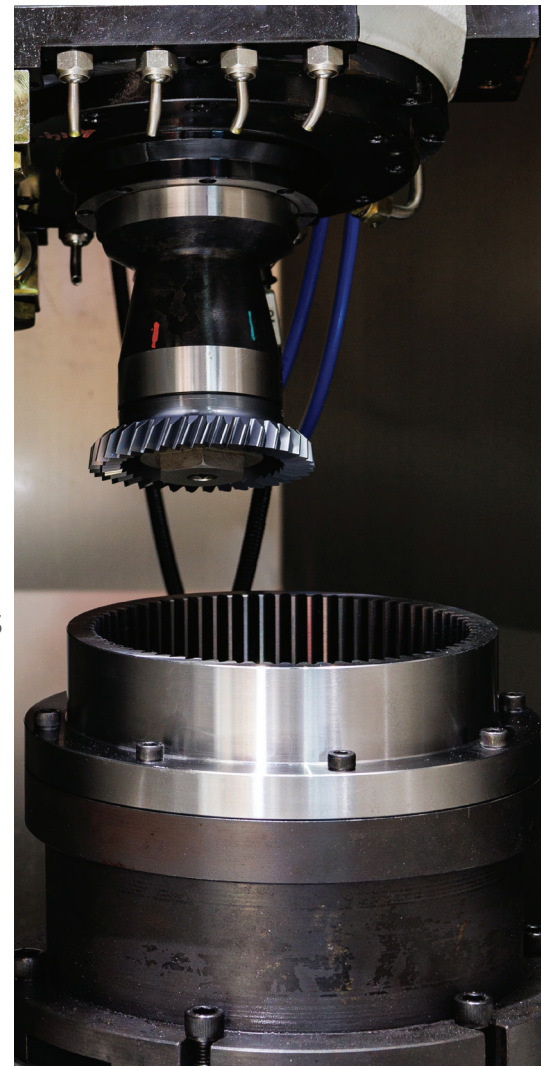
Multi-axis machining processes supporting complex components and tight tolerances.

Milling

Precision material removal processes used to produce accurate features and component geometries.

Turning

CNC turning operations supporting cylindrical components and gear blanks.



Gear Grinding

Precision finishing of gear tooth profiles to achieve required geometry, accuracy, and performance.

Precision Grinding

Cylindrical, bore, and face grinding to achieve tight tolerances and high-quality surface finishes.

EDM (Electrical Discharge Machining)

Electrical discharge machining used to produce keyways and intricate internal features in hardened materials.

Inspection & Testing

Measurement and verification of gear geometry including pitch, lead, profile, and runout.

Mag Particle Inspection

Detects material discontinuities to help ensure component integrity and performance.

Engineering Services

Technical expertise supporting manufacturability, performance requirements, and application needs.

Assembly Services

Component assembly capabilities support complete solutions and simplify integration into customer applications.

Repair Services

Restoration and reconditioning of gears and components to extend operational life.

Aftermarket Services

Ongoing support including replacement components and service for installed equipment.



Member of **Sumitomo** Drive Technologies

