

Big gears. Heavy shafts. Complete rebuilds.



Northend Gear & Machine is a gearbox remanufacturer and service partner, trusted since 1988 for large-format machining and dependable rebuilds.

We cut large-diameter gears, turn heavy shafts, and machine intricate features with precision wire EDM. For failed gearboxes, we diagnose the root cause, reverse-engineer the parts, and rebuild the unit to handle the loads and conditions the application actually demands.

Large gears, heavy shafts

Gears cut up to 72 inches in diameter. Shafts up to 80 inches long.

Specialty feature machining

Precision wire EDM for intricate geometries and hardened materials.

Complete gearbox rebuilds

Diagnosed, remanufactured, and returned to service, start to finish.



Gears, shafts, and gearbox rebuilds, built to print or from sample, ISO9001-inspected, and delivered to your exact specifications.

Processes

Gear Hobbing	Thread Milling
Gear Shaping	Grinding
Helical Gear Cutting	Wire & Ram EDM
Herringbone Gear	Reverse Engineering
Cutting	Gearbox Rebuilding
Bevel Gear Cutting	Heat Treating
Turning	Welding & Fabrication
Milling	Balancing

Gears

spur, helical, double-helical, worm, straight bevel

We cut gears up to 72 inches in diameter, built to print or reverse-engineered from a worn sample. They run in applications from crop harvesting to ore extraction across heavy industry.

Shafts

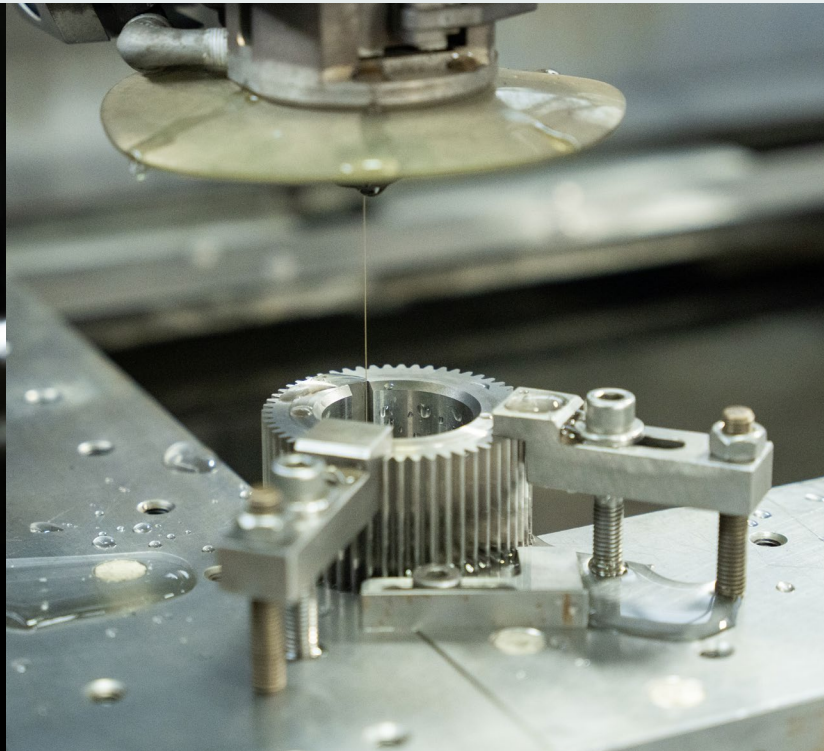
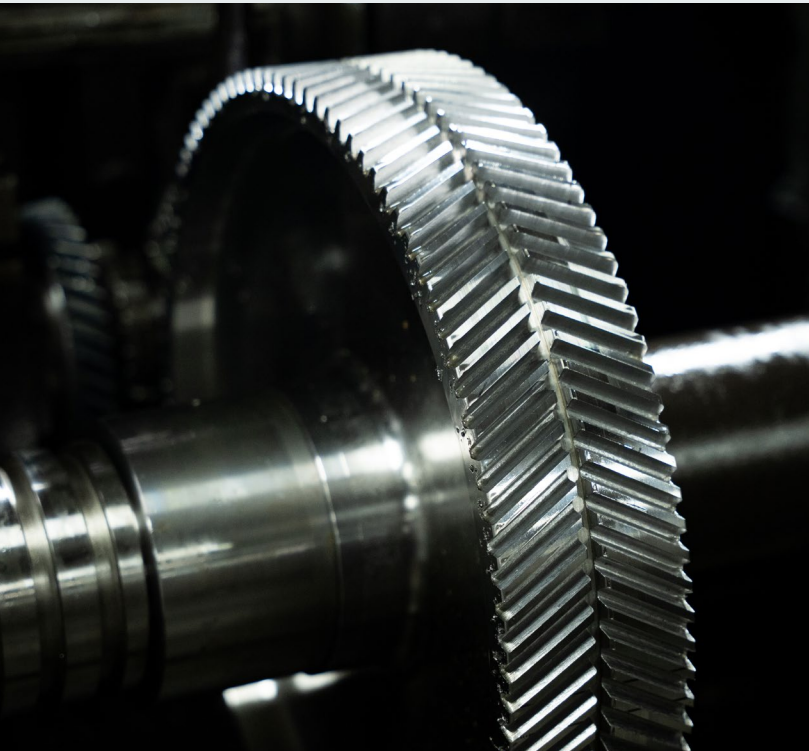
input, output, splined, straight bevel, worm

We turn shafts up to 22 inches in diameter and 80 inches in length, for new builds and rebuilds alike. They drive everything from oilfield pumps to industrial fire suppression systems.

Rebuild

diagnostics, reverse engineering, remanufacturing

When a gearbox fails, we diagnose the root cause, reverse-engineer worn or obsolete parts, then remanufacture and inspect the unit in-house to OEM or end-use specifications.



Northend Gear & Machine

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