HORSBURGH & SCOTT OFFERS THE INDUSTRY’S LARGEST AND MOST EXPERIENCED TEAM OF ENGINEERS FOR GEAR AND GEARBOX REBUILD AND REPAIR.

- **SOPHISTICATED ENGINEERING**
  - process and standards

- **COST EFFECTIVE ALTERNATIVES**
  - to new equipment

- **ON-SITE EVALUATION, ANALYSIS AND ADVICE**
  - for optimized repair or rebuild

- **PERFORMANCE UPGRADES**
  - to meet or exceed your current process loads

- **COMPLETE REALIGNMENT**
  - ensures equipment reliability

**REBUILT OVER 1,000 GEARBOXES ACROSS 90 BRANDS**
ADVANCED GEARBOX REBUILD, REPAIR & UPGRADE

HORSBURGH & SCOTT HAS ADVANCED EQUIPMENT AND EXPERT ENGINEERS AND TECHNICIANS THAT CAN ACCURATELY DIAGNOSE ANY GEARBOX ISSUE AND SUGGEST THE BEST POSSIBLE OPTION FOR REPAIR, MAINTENANCE OR REPLACEMENT.

We have repaired and rebuilt more than 90 different gearbox brands, including more than 1000 gearboxes of different brands and models.

APPLICATIONS
- Hot and cold, rolling, pipe, ball, rod, autogenous and tunnel boring mill gearing
- Shear drives
- BOF drives
- Coilers and uncoiler gearing
- Pulverizer gearing
- Material conveyor gearing
- Mixers and extruder gearing
- Rotating kiln drives
- Crane and winch gearing
- Railcar dumper drives
- Air pre-heater gearing
- Wind turbines
- Pump and calendar drives
- Dredge gearing
- Aerators, clarifiers and agitators
- Elevation screws
- Tainter gate gearing
- Movable bridge gearing

IN-HOUSE welding center with robotic welding equipment.

REPAIR CAPABILITIES with advanced equipment and 75 ton crane.

SUPERIOR TECHNICAL COMPETENCE with over a century of sophisticated engineering experience.

SENTRY™ CONDITION ASSESSMENT Vibration monitoring mapped to 3D model showing mechanical stresses on the mill.
HORSBURGH & SCOTT SPECIALIZES IN GEARBOX REBUILD, REPAIR AND UPGRADE. WE HAVE BEEN IN BUSINESS FOR 130 YEARS AND HAVE SEEN ALMOST EVERY TYPE OF GEAR FOR MANY MARKETS AND APPLICATIONS.

UNIQUE EXPERTISE IN REMANUFACTURING GEARS

- Engineering analysis, gearbox evaluation and reverse engineering of all brands.
- Engineering upgrades to improve efficiency and extend operating life.
- 24/7 field service with experienced technicians.
- Condition monitoring and assessment with SENTRY™ technology.
- Non-destructive testing, borescope inspections and no-load spin testing.
- Accurate predictive and preventative maintenance plans.
- Disassembly, repair and realignment.
- Rush breakdown repairs.
- OEM spare parts.

We can save you up to 50% by reverse engineering and repairing or rebuilding your gearboxes instead of buying new. Through our expert re-engineering abilities, we ensure your gearboxes will run longer and more efficiently with stronger, more durable gearing.

PRODUCTS

- Spur Gears
- Helical Gears
- Planetary Gears
- Herringbone Gears
- Ring Gears
- Pinions and Shafts
- Gearbox Components
- Power Transmission Assemblies
- Gearboxes and Drives Up to 5000 HP
Horsburgh & Scott has 130 years of engineering expertise in high torque, large gear drive systems. We use the world’s most advanced gear cutting equipment and can duplicate virtually any gear geometry.

KEY CAPABILITIES

- Gears up to 40 ft (12m) in diameter
- Grinding to AGMA Class 14
- Heat treating and carburizing up to 50,000 lbs (22,000 kg)
- Induction hardening to 5m in diameter or 30,000 lbs (13,000 kg)
- Quality measurements within 2 microns