

GEAR UP™
with the company most
qualified to handle all
your gearing needs.



HORSBURGH & SCOTT
GEAR UP™

ALUMINUM

HORSBURGH & SCOTT OFFERS THE INDUSTRY'S
LARGEST AND MOST EXPERIENCED TEAM OF
ENGINEERS FOR **GEAR AND GEARBOX DESIGN
AND MANUFACTURING.**

MAXIMIZE PROFITABILITY with
gear and gearbox re-engineering and
performance upgrades

CUSTOM GEAR DESIGN, fabrication
and manufacturing

DEPENDABLE ON-TIME DELIVERY

**MOST KNOWLEDGEABLE AND
EXPERIENCED** engineers in the industry

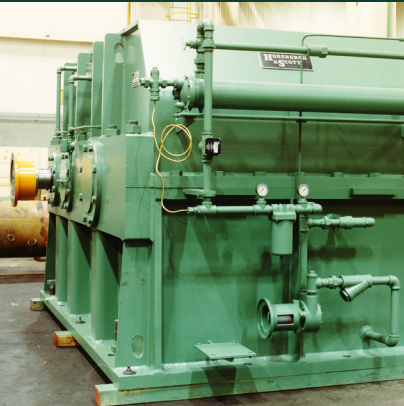
**RESPONSIVE FIELD SERVICE,
REBUILD and REPAIR**

UNCOMPROMISED QUALITY and
durability you can depend on

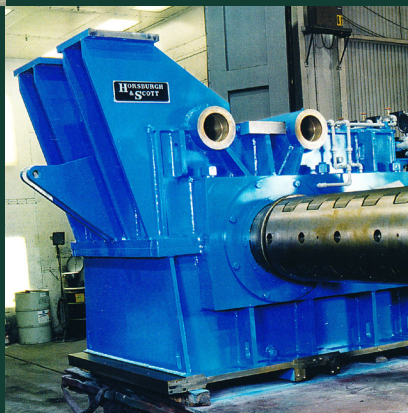
**EXPERT GEAR
AND GEARBOX
EVALUATION**



**REVERSE ENGINEERING
AND PERFORMANCE
UPGRADES FOR
GEARBOX REBUILD AND
REPAIR**



**IN-HOUSE TURNKEY
SOLUTIONS FROM
DESIGN AND
MANUFACTURING TO
HEAT TREATING AND
CARBURIZING**



**EXCELLENCE IN ALUMINUM
INDUSTRY GEARING FOR
130 YEARS**



ADVANCED GEARING SOLUTIONS FOR ALUMINUM

HORSBURGH & SCOTT IS KNOWN FOR PROVIDING THE MOST INNOVATIVE AND HIGHEST QUALITY CUSTOM GEARING THAT WILL STREAMLINE ALUMINUM PROCESSING OPERATIONS AND STAND UP TO DEMANDING PLANT USAGE.

CONVEYOR DRIVES

We are experts in high stress processing gearing and know the gear strength and precision necessary for aluminum plant operations.

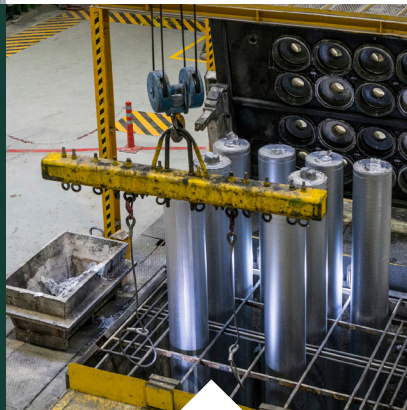
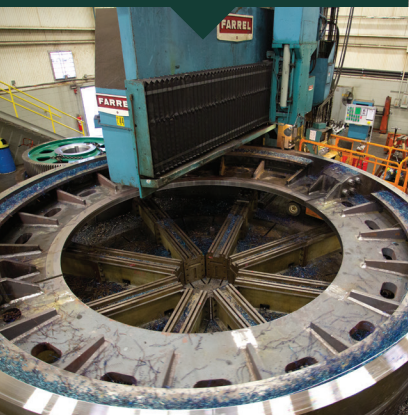


ALUMINUM APPLICATIONS

- Rolling Mill Drives
- Conveyor Drives
- Crane and Winch Gearing
- Shear Drives
- Strip Processing
- Scrap Choppers
- Edger Drives
- Coilers and Uncoilers
- Coating Line Drives

LARGE GEAR DESIGN AND MANUFACTURING

We have the specialized equipment and experience to handle your largest gears and gearboxes.



ROLLING MILL DRIVES

We re-engineer and rebuild gearboxes to brand new condition that function better and more efficiently than the original design.

CRANE AND WINCH GEARING

We manufacture, repair, and install crane and winch gearing for high stress and weight applications.



ALUMINUM

HORSBURGH & SCOTT SPECIALIZES IN MANUFACTURING GEARS AND GEARBOXES FOR MANY APPLICATIONS. WE HAVE GEARING SOLUTIONS FOR YOUR TOUGHEST CHALLENGES.



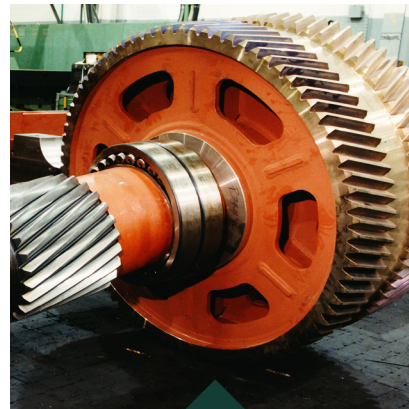
HORSBURGH & SCOTT
GEAR UP™

UNIQUE EXPERTISE TO KEEP YOUR OPERATION RUNNING EFFICIENTLY

- Experienced engineering teams to evaluate, repair and rebuild your gearing.
- Reverse engineering of existing gears and gearbox drives.
- Engineering upgrades to improve efficiency and extend operating life.
- 24/7 field service with experienced technicians.
- Repair, rebuild and upgrade of any gear and gearbox make and model.
- Turnkey design, engineering and manufacturing in 400,000 square feet of state-of-the-art facilities.

Horsburgh & Scott understands that in the aluminum processing industry lost production is very costly. We have extensive experience engineering, manufacturing and rebuilding large gear systems.

With 130 years of experience in gearing technology, we continue to innovate to achieve the best production processes in the industry. With a strong focus on engineering, we have provided our clients with gearing at maximum efficiency for a great value.



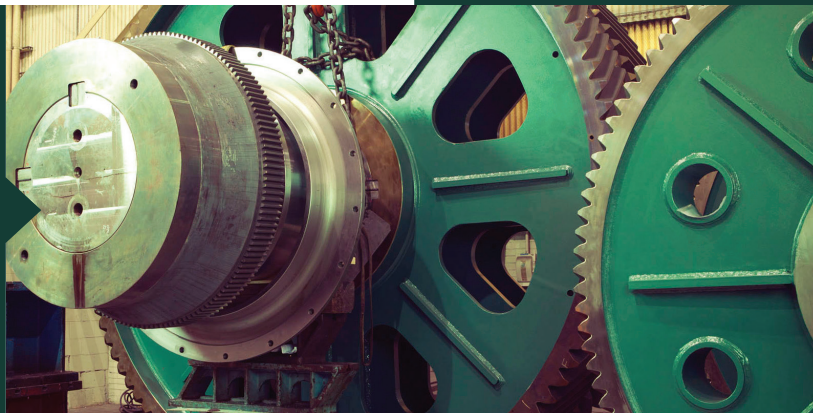
CUSTOM GEAR AND GEARBOX SOLUTIONS plus a full range of standard gearbox systems.

PRODUCTS

- Spur Gears
- Helical Gears
- Planetary Gears
- Herringbone Gears
- Ring Gears
- Pinions and Shafts
- Gearbox Components
- Power Transmission Assemblies
- Gearboxes and Drives Over 60,000 HP



HIGHEST QUALITY GEARS and materials for maximum durability.



HEAT TREATING AND CARBURIZING

are done in our facilities to ensure the most dependable gears in the industry.

GEAR UP™
for higher productivity



HORSBURGH & SCOTT
GEAR UP™

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

**GEARING SOLUTIONS
FOR ALUMINUM
AROUND THE WORLD**

