

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



HORSBURGH & SCOTT
GEAR UP™

STEEL & 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

FASTEST TURNAROUND TIME in the
gearing industry

DEPENDABLE ON-TIME DELIVERY

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

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**



**MOST TRUSTED NAME IN
METAL INDUSTRY GEARING
FOR NEARLY
130 YEARS**



ADVANCED GEARING SOLUTIONS FOR STEEL & ALUMINUM

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

PINIONS

Take advantage of our unique pinion re-shelling capability and reduce your cost and lead time up to 50% vs. integral.



STEEL APPLICATIONS

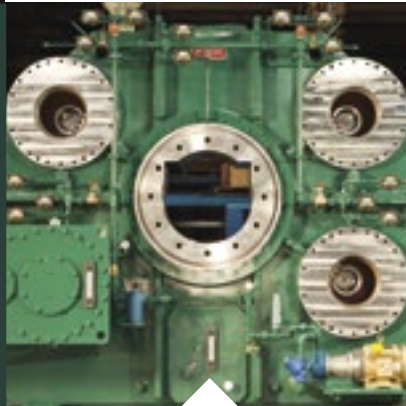
- Hot mill gearing, drives and stands
- Cold mill gearing, drives and stands
- Finishing mill gearing and drives
- Pickling line drives
- Crop shears and edger drives
- Coilers and uncoilers
- Scrap chopping drives
- BOP and BOF drives
- Crane and winch drives
- Run-out table drives
- Walking beam furnace drives
- Ladle handling drives

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.

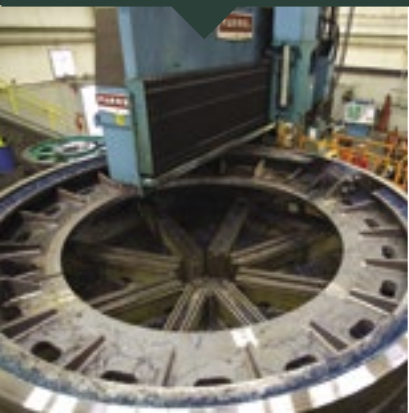


MOTOR ROOM DRIVES

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

BOF DRIVES

We rebuild and install BOF drives with improved performance and have provided most of the rebuilt BOF drives in North America.



STEEL & 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 steel and aluminum industry lost production is very costly. We have extensive experience engineering, manufacturing and rebuilding large gear systems. We will optimize and upgrade gears and gearboxes with the industry's fastest turnaround time. Our turnkey operations ensure you get world class quality products and technical service support.

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 nearly 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 STEEL AND
ALUMINUM AROUND
THE WORLD**



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