

MARINE

Advanced Gearing Solutions
for Marine Vessels

*Delivering the Difference with
the company most qualified to
handle all your gearing needs.*



HORSBURGH & SCOTT
DELIVERING THE DIFFERENCE

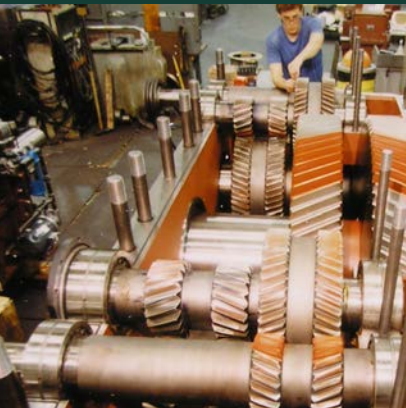
MARINE APPLICATIONS

- Propulsion drives
- Pump drives
- Winch drives
- Dredge pumps
- Cutter head drives

ABS-CERTIFIED
GEAR
MANUFACTURER



24/7 EXPERT
ON-SITE
DIAGNOSTICS,
MAINTENANCE
AND REPAIR



REVERSE ENGINEERING
AND PERFORMANCE
UPGRADES FOR
GEARBOX REBUILD
AND REPAIR



EXPERT GEAR
AND GEARBOX
EVALUATION



PREVENT DOWNTIME WITH

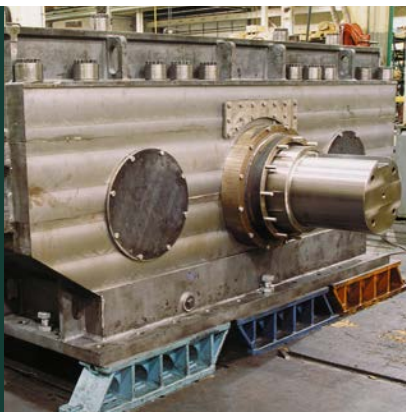
ABS-certified Gears That Stand Up to Demanding Usage

Horsburgh & Scott is an ABS-certified gear manufacturer that provides gearing solutions and service that ensure reliable performance and maximum power for marine vessels. Our experienced and knowledgeable service technicians can reverse engineer gear and gear drives, and provide drop-in replacement drives and on-site repairs for commercial and military marine vessels.

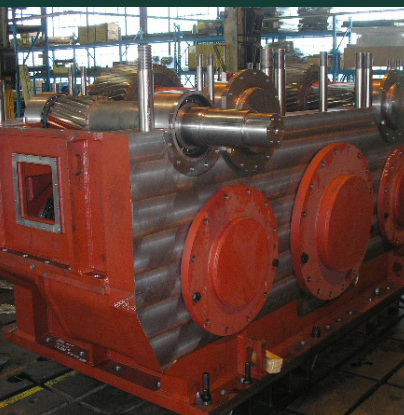
SERVICES

- Gear inspections
- Gearbox no-load spin testing
- Detailed bore scope inspections
- Non-destructive testing
- FARO Arm on-site measurement for reverse engineering competitive gear drives and gearing
- Laser alignment of shafts
- New bed/sole plates
- Field service

DROP-IN
REPLACEMENT
DRIVES AND
ON-SITE REPAIRS



GEAR DRIVE
SYSTEMS AND ALL
OTHER GEARING
FOR MARINE
APPLICATIONS



THE EXPERT IN
REBUILDS AND
UPGRADES



Our Unique Expertise to Keep Your Maritime Operations Running

Horsburgh & Scott understands that in the maritime industry downtime is very costly. We have extensive experience engineering, manufacturing and rebuilding ABS-certified gearing systems.

ADVANTAGES

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

INCREASED YIELD and decreased operating costs

PREVENTATIVE MAINTENANCE programs increase uptime

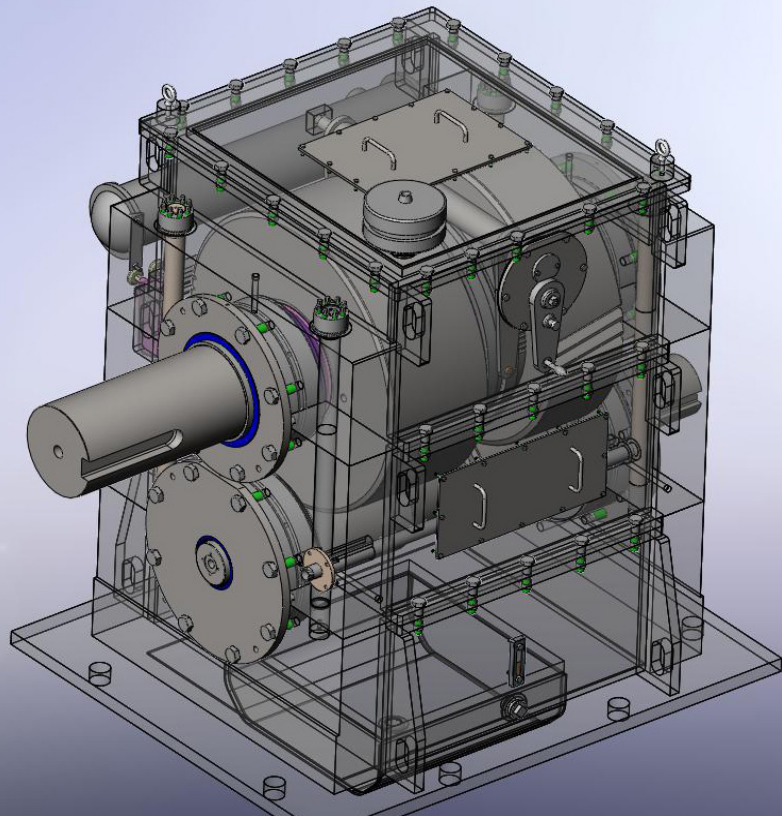
FASTEST TURNAROUND TIME in the gearing industry



MORE ENGINEERS
ON STAFF THAN
ANY OTHER
COMPANY IN
GEARING



EQUIPMENT TO
HANDLE EVEN THE
LARGEST DRIVES
AND GEARBOXES



Delivering the Difference for
Higher Productivity



HORSBURGH & SCOTT
DELIVERING THE DIFFERENCE

Over 135 Years of Industry Leadership

Horsburgh & Scott has over 135 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.

TURNKEY SOLUTIONS

- 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
- Inspection and testing

