



THE POWER HOUSE IN POWER GENERATION

POWER WHEN YOU NEED IT

Horsburgh & Scott has been helping Power plants keep powered up for decades. Our engineering team's advanced 3D modeling, system analysis, and innovative design tools allows H&S to custom design your product to your exact specifications. Our "Green Gears" have become the industry standard for Pulverizer, Air Preheater and Conveyer replacement gearing and drives. Whether it is a new build or a redesign, H&S has always been the go-to source to keep the power industry powered up.



POWER GENERATION



HORSBURGH & SCOTT
DELIVERING THE DIFFERENCE

PROBLEM SOLVING ENGINEERING
TAILORED TO YOUR APPLICATION

GEARS & GEARBOXES FOR THE POWER INDUSTRY

- Sophisticated tools and practices to follow rigorous standards, including AGMA, ISO 9001:2008
- Replacement of all gear types larger than 1M
- High quality gears and pinions with increased strength and durability
- Expert gearbox evaluation and repair
- Reverse Engineering
- Cost effective line of standard catalog gearboxes
- Engineered upgrades and/or custom replacements for large high-torque drive requirements

REBUILD, FIELD SERVICE & DIAGNOSTICS – AVAILABLE THROUGHOUT THE WORLD

- Full disassembly and expert inspection of gear assemblies and gearboxes. We provide you with the repairs and upgrades to meet your needs
- Complete turn-key removal and /or installation of steel processing equipment
- Expert post-rebuild mill alignments by veteran millwrights
- Emergency breakdown service available 24/7

PARTS & SERVICE FOR GEAR DRIVE APPLICATIONS:

PULVERIZERS

AIR PREHEATERS

CONVEYORS DRIVES

HAULAGE DRIVES

DUMPER DRIVES

CRUSHER DRIVES

COOLING TOWER DRIVES

SENTRY™ DIAGNOSTICS

- Full evaluation of mill and/or gearing condition utilizing Sentry™ proprietary condition monitoring software and on-site non-destructive testing to help you prioritize limited maintenance funds
- Capture "root case" transient events linked to quality or production issues
- Reduce and predict downtime
- Comprehensive view of machine operation by integrating reliability and process data
- Easy to understand Sentry™ Model/Animations illustrate the forces and stresses of mills
- Real Time displays, high speed data collection coupled with powerful analysis tools facilitate viewing complex mill dynamics and subsequent cost effective solutions
- Permanent and temporary condition monitoring systems are available

Superior Custom Gearing Solutions

Longer OEM Lifecycle

Improved Operating Efficiency



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