

BALL TUBE MILL GEARBOX REBUILDS

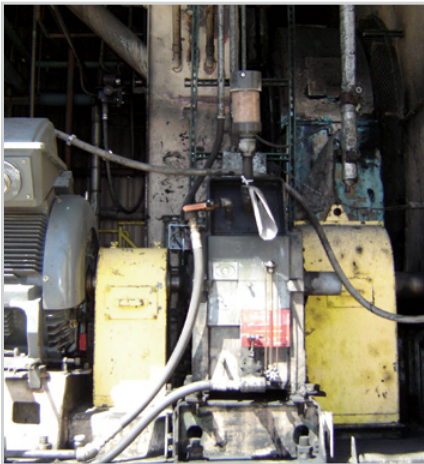


RileyPower
a Babcock Power Inc. company

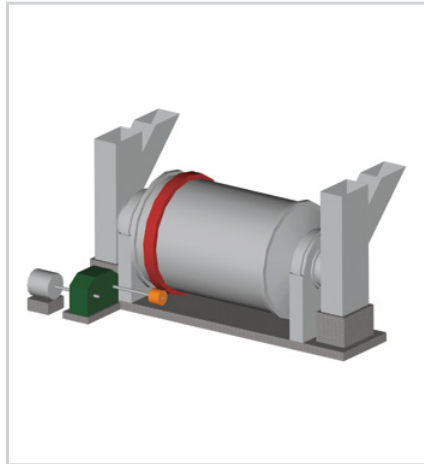
OVERVIEW

Riley Power Inc., a Babcock Power Inc.® company, has been designing and manufacturing steam generators and their associated firing systems for a wide variety of fossil fuels for almost 100 years. Riley Power maintains a highly qualified staff of design engineers and field service engineers to assist you in maintaining your steam generator and fuel burning equipment. Riley has installed more than 200 ball tube mills and has the technology and expertise to help you keep your ball tube mills running at optimal efficiency, insuring that you meet your customer's demand for clean, efficient energy.

Riley ball tube mill gearbox rebuilds are a practical alternative to new gearbox replacement. All rebuilds are performed by fully qualified personnel in accordance with strict process controls in a qualified gear shop environment.



Gearbox Rebuilds



BTM Gearing

CAPABILITIES / BENEFITS

Alternative to new gearbox replacement

- Lower cost
- Less down time
- Rebuild documentation
- Potential upgrades identified

Evaluation of existing gearing, shafts and housing components

- Use qualified gear technicians and engineers
- Provide written detailed evaluation, including rebuild/refurbishment recommendations and options. Factory evaluation will include firm price and firm schedule to rebuild drive

Reverse engineering

- Capability to rebuild gearboxes, regardless of brand or vintage
- We can utilize tooling from existing gear profiles, or reverse engineer to make needed tooling, if necessary, to fabricate new gears
- Replacement gear components
- New Bull gear (ring gear) can be manufactured in two halves to facilitate installation, when necessary
- Latest gear manufacturing and heat treating techniques are used
- Replacement pinion gears can be supplied with or without bearings installed



Rebuild service available for other low speed, high torque gearboxes at your power station

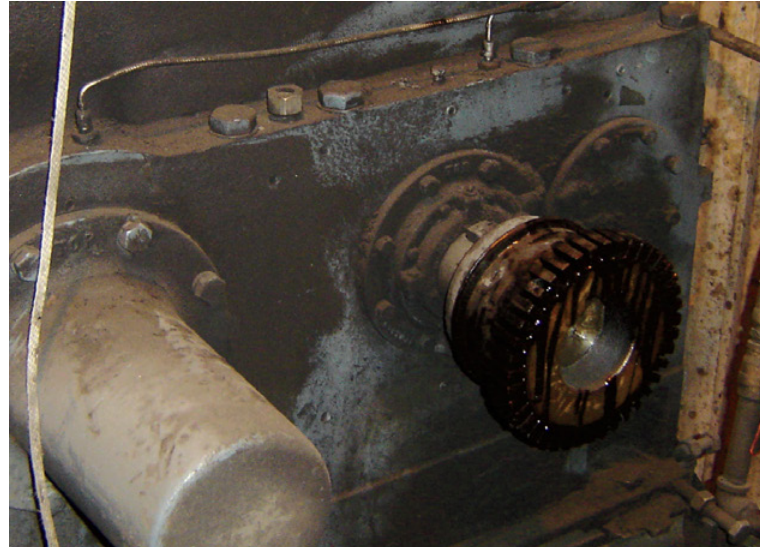
- Rail car positioners
- Rail car dumpers
- Barge unloaders
- Air heater drives
- Vertical spindle mill pulverizers
- Coal conveyer drives
- Cooling tower drives

On-site services

- On-site gear inspection and rebuild services are also available

Warranty

- Rebuilds come with factory warranty



BTM Gearbox

A TYPICAL GEARBOX REBUILD PROJECT WOULD INCLUDE:

- Complete gearbox disassembly in a factory setting
- Full evaluation of your gearbox by qualified gear technicians and engineers
- Generation of a complete, written evaluation report, including recommendations for reuse, repair, or replacement of gearbox components
- Scope of recommendations will also include rebuild options, schedule, and pricing
- Commencement of work begins with customer's full notice-to-proceed
- Component and gearbox assembly by qualified personnel
- Factory spin test performed on all rebuilds

SAFETY³ PEOPLE. POWER. PROJECTS.

We're giving safety the third degree.

Babcock Power Inc. and its subsidiaries place the safety, health and security of our people at the core of our company values. Our team is our most valuable resource, generating solutions everyday to deliver safe, clean, reliable energy globally. With a keen focus on safety, Babcock Power Inc. conducts business in a manner that protects our people, our customers and the environment. From innovation to generation, we are proud of our award-winning safety record and are committed to operating with integrity and excellence.

The data contained herein is solely for your information and is not offered, or to be construed, as a warranty or contractual responsibility.

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