

REBUILD, REPAIR & ROTATIONAL PROGRAMS



OVERVIEW

As a leading supplier of quality components for the power generation industry, Riley Power offers one of the industry's most complete and cost-effective rebuild/repair services in the market today.

Riley Power Rebuild/Repair Services include – but not limited to – Alstom (CE) Pulverizers, B&W MPS, Hitachi VS, Foster Wheeler MBF and Raymond Milling Systems.

REBUILD SCOPE

Upon arrival, Riley Power performs component inspections for repair and maintenance, provides a detailed report and recommends replacement of components that cannot be repaired, offering design upgrades where applicable. These offerings can include extended warranties to reduce down time and lower inventory costs due to longer lasting components and unnecessary maintenance.

COMPONENTS RILEY POWER REBUILDS

- Ball Tube Mill Gearbox
- Alstom/GE Gearboxes, Journal Assemblies
- Raymond (Arvos) Roller and Gearbox Assemblies
- Hitachi VS Type Roll Wheel Assemblies
- B&W MPS Series Roller and Gearbox Assemblies
- Foster Wheeler MBF Roller Assemblies



New Journal Assemblies

FEATURES / BENEFITS

- All work performed in a clean and controlled environment using the latest technology to ensure no fit up issues of any kind
- Large part inventory program to support rebuilds of any shape or size
- Performance upgrades available
- Reduction to your inventory
- ALL work backed by Riley Power's 100% satisfaction guarantee
- Shorter lead times
- Improved cycle time reduction
- Emergency rebuild team to expediate and ensure the fastest repair at no sacrifice to quality



Before



After



Duratech™ Roll

OVERVIEW

Weld Overlay for your grinding roll and tire needs. Why throw out your worn roll when you can apply DURATECH™ Tungsten Carbide weld overlay to extend the life of these large castings? All resurfacing work is performed at Riley's Blue Ridge Service Center, which offers the following:

THE PROCESS

- Prior to applying weld, visual and dye penetrant inspections are done to ensure any existing cracks or flaws have been identified
- Riley Power will then restore to OEM diameter or specification
- No filler material is used in any part of the process
- The patented DURATECH™ hard surfacing material provides wear resistance of 4 to 5 times greater than regular high chrome weld
- Riley Power has a variety of competitively priced weld wires available, should our premium wire not be required depending on application

FEATURES / BENEFITS

- Welding on large worn castings reduces replacement cost by more than 50%
- Low risk – with over 1,200 tires/rollers resurfaced, 99.7% success rate against spalling
- Increase milling availability
- Improved wear life

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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