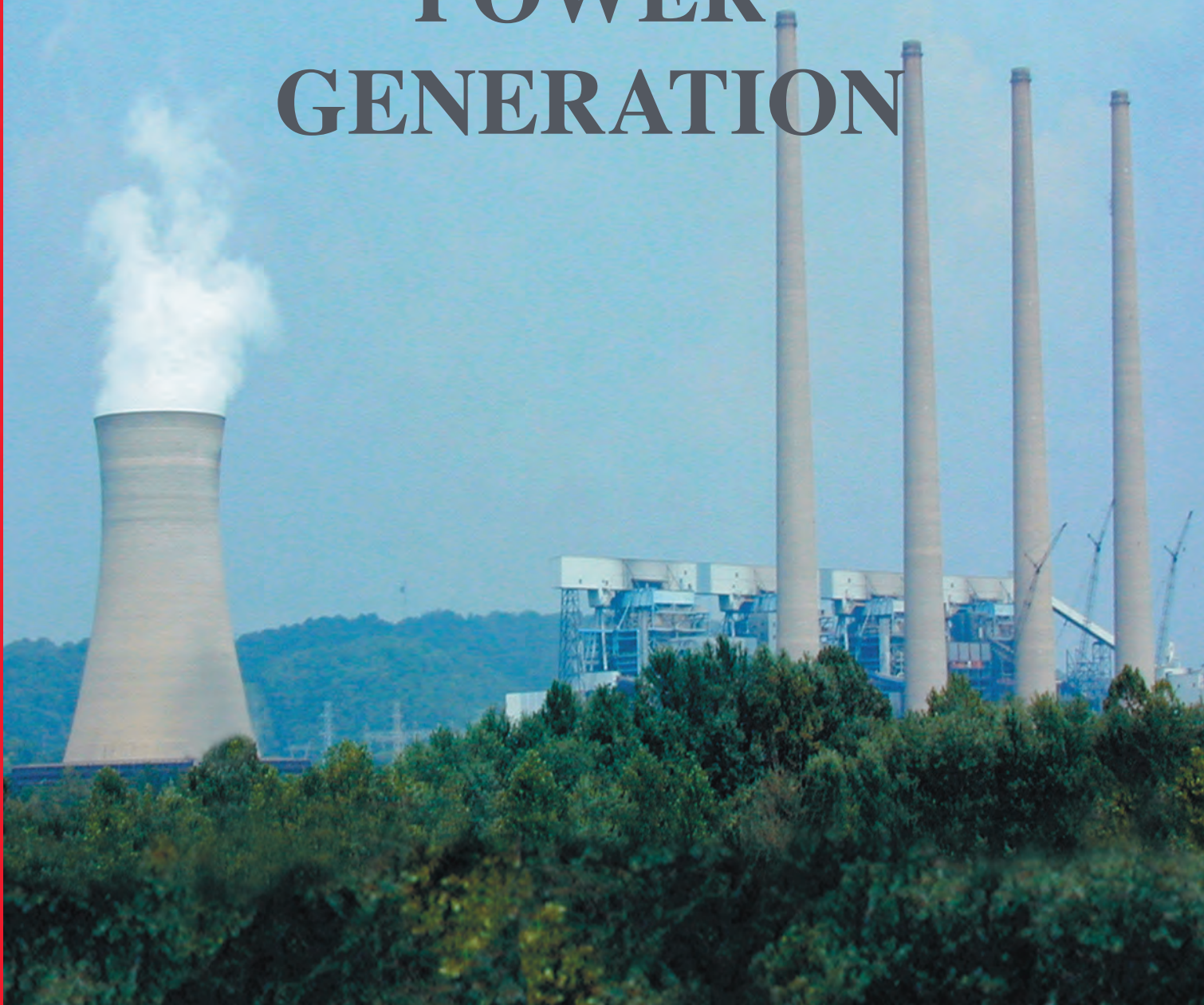




*Building Customer Loyalty
One promise at a time*

POWER GENERATION

POWER GENERATION





BDI has been working with Power Generation facilities for over 30 years! This experience offers customers extended operating life of equipment and components found in Power Plants.

One of our specialties is Gearbox repair / rebuild. Going beyond reconditioning, we bring the gearbox back to standards and offer a 1 year warranty.

Along with BDI's core product line, we carry all the new, innovative products that are specially engineered for this industry.

Supplier Partners

- Ameridrives
- Anderson Greenwood
- Baldor
- Cooper
- Devcon
- Dodge
- EPT
- FAG
- Falk
- Gates
- Goodyear
- JLV Pulleys
- Kingsbury
- Loctite
- Magnadrive
- Martin Sprocket & Gear
- Rexnord/ LinkBelt
- Sumitomo
- Torrington/ SPM
- Timken
- Tyco
- TB Woods

Core Products

BDI stocks the key components necessary to maintain equipment found in Power Generation facilities. This equipment includes:

- | | | |
|---------------------------------------|--------------------------------------|---|
| <input type="checkbox"/> Ash Handling | <input type="checkbox"/> Gearboxes | <input type="checkbox"/> Rail Car Dumpers |
| <input type="checkbox"/> Conveyors | <input type="checkbox"/> Motors | <input type="checkbox"/> Rapper Drives |
| <input type="checkbox"/> Crushers | <input type="checkbox"/> Pulverizers | <input type="checkbox"/> Scrubbers |
| <input type="checkbox"/> Fans | <input type="checkbox"/> Pumps | <input type="checkbox"/> Soot Blowers |

Bearings

- Cylindrical
- Spherical
- Tapered
- Thrust
- Turbine Bearings

Mechanical

- Belts
- Bushings
- Chain
- Sheaves
- Sprockets
- Idlers
- Couplings
- Oil Seals
- Gear Reducers
- Mounted Units
- Pumps
- Crushing Rollers

Electrical

- Motors
- Variable Frequency Drives
- Brakes
- Clutches
- Soft Starts

Fluid Power

- Filters
- Hose/Fittings
- Pumps
- Valves

Industrial

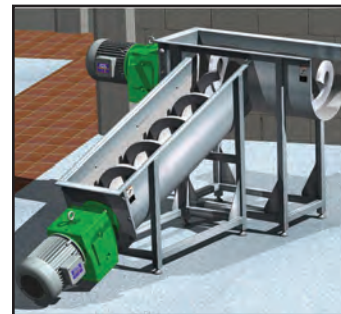
- Adhesives
- Floor Repair
- Hand Tools
- Lubricants
- Metal Repair
- Paints
- Power Tools
- Sealants

Safety

- Fall Protection
- First Aid
- Gloves
- Personal Protection



Baldor Motor



Martin Sprocket Screw Conveyor



U.S. Tsubaki Water Screen Chain



TB Woods Drive



Specialty Inventory

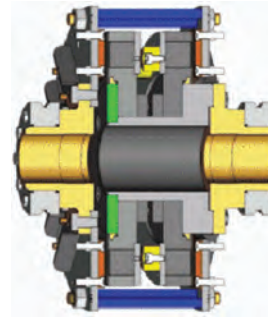
Cooper Split Replacement

BDI has been involved in replacement of Babbitted bearings with the Cooper Split bearing for some time now. The Babbitt bearing tends to have a short life and is usually dependent on an external cooling system and at the same time disperses dust into the atmosphere.



Magnadrive Coupling

Some applications, such as bulk handling conveyors, require a delayed-start capability in order to extend system equipment life. MagnaDrive's advanced cushioned start and stop coupling family has all of the benefits of the standard couplings, plus the ability to delay full torque transfer.



Kingsbury Fluid bearings support

Kingsbury Fluid bearings are ideal for heavy-duty rotating equipment found in hydroelectric plants. The specialty design ensures continued replenishment of the oil to avoid overheating and pad damage.

Parker ProTech bearing Isolators

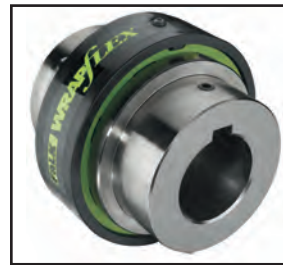
ProTech bearing isolators internal labrynth keep contaminates, like coal dust, from reaching the bearing and the seal does not wear grooves on the gearbox shaft(s).



**ProTech
Bearing Isolator**



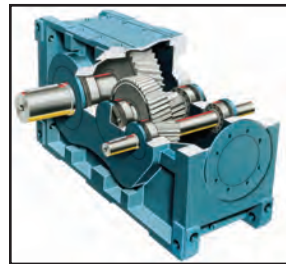
**Rexnord
ZAF**



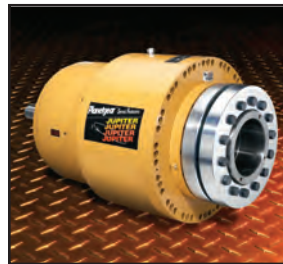
**Falk
Wrapflex**



**Rexnord Omega
Viva Couplings**



**Falk
Parallel**



**Rexnord
Planetgear**

Services Overview

- OEM Interchange
- In-Plant Training
- Critical Inventory Analysis
- Engineering
- Repair
- Inventory Management
- Inventory Reduction
- Plant surveys
- Cost Savings
- Energy Efficiency Study
- Lubrication Survey
- Steam Trap Leak Detection
- Share the Spare
- Standardization





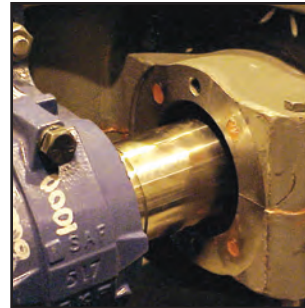
Repair/ Rebuild



Pulverizer Rebuild Kits



Kingsbury Rebabbitting



Clinker Grinders



Marley Gearbox



Air Preheater Rebuild



Updating Babbitt to Cooper Split



Coal Crusher Rebuild

Problem Solving Solutions

Pictured below is a BDI engineered Clinker Grinder drive that eliminates existing fluid coupling drives, provides longer life, less maintenance headaches, and improves equipment uptime.

Solving problems and offering you cost saving solutions, is what we are trained to do. Bearing and/or equipment reconditions, rebuilds, or condition

monitoring offers endless opportunities for cost savings. Working with such partners as: AGE (Akron Gear and Engineering), Prager Machine, Falk Renew, SKF, and the BDI Belt Shop, we can meet all your repair, service, and condition monitoring needs. *This drive is also available with the Viva Coupling.*



Typical Applications

- Coal Mills
- Conveyors
- Cranes
- Dampers
- Forced draft fans
- Gas recirculators
- Generators
- Induced draft fans
- Motors
- Penstocks
- Primary air fans
- Pumps
- Precipitators
- Stacker reclaimers
- Screens

24 HOUR RUSH SERVICE

Local BDI branches provide 24 / 7 / 365 emergency service to keep Power Generation facilities operating



Fast and Reliable Power Generation Fulfillment,
at your service!

BDI's Power Generation Fulfillment Center offers:

- ✓ *6,000 square foot, climate - controlled warehousing of stocked Power Generation products.*
- ✓ *24/7/365 support including product application questions, technical support and emergency after-hours service.*
- ✓ *FGD Critical Spares.*
- ✓ *All Power Generation stock in 1 location.*
- ✓ *Dedicated spares by Power Generation plant.*
- ✓ *\$2 MM Inventory.*
- ✓ *Customer-specific VMI (Vendor Managed Inventory).*

The Fulfillment Center's logistical capabilities include the delivery of critical components to most plants in North America next day or even same day when necessary.



BDI is a full line distributor for Bearings, Mechanical and Electrical Power Transmission, Fluid Power, Sealing/Retaining/Locking devices, Industrial Hose and Fittings, Conveyor Belting, Linear Motion, and related industrial products.

Branches are located throughout the USA, Canada, Mexico, Europe, China, and India.

**For more information on our Power Generation capabilities,
please contact your local BDI account representative
at the phone number listed below,
or visit our web site at www.bdidirect.com**

Branch label here