



Maintenance Programs for the Steel Processing Industry

Proactive gearbox solutions that maximize production and profits.

Brad Foote Gearing specializes in steel processing gearbox diagnostics, repair and maintenance through in-shop and on-site field services to meet the fast-paced demands of the steel manufacturing industry. With a broad range of capabilities and offerings backed by nearly a century of industrial gearing know-how and leadership, Brad Foote Gearing will help to decrease operational risks by assuring that machine down-time is reduced, while your productivity, production and profits soar.

As industrial gearbox specialists, we align ourselves to be an extension of your existing machine maintenance team so you can dedicate your expertise and time to doing what you do best—manufacturing steel products. Our turnkey gearing solutions are designed to meet your needs and can include repairing a gearbox or gearing component, offering replacement components and parts when you need them, to a complete gearbox drop-in replacement.



Brad Foote[®]
GEARING

A Broadwind Energy Company

GearMAX[™]
SOLUTIONS

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From Diagnostics, to Design, to Parts, to Full Remanufacturing Engineering.

Whether you need replacement parts, service, or a diagnosis for a new, used or refurbished steel processing machine gearbox, you can count on Brad Foote Gearing for all of your gearing and service needs. We offer a variety of best in class, turn-key gearing solutions to keep your machinery up and running:

- Equipment diagnostics
- Gearbox rebuild and drop-in replacement of competitive models
- On-site emergency breakdown services
- Proactive scheduled maintenance down-turns and outages
- Rebuild kits for basic rebuilds or complete overhauls
- Spare parts inventory stocking program for on-time delivery

On-Demand Spare Parts Inventory Stocking Program

Our comprehensive kit includes components to repair or completely overhaul your gearbox and contains:

- O-rings
- Springs
- Oil Seal Kit
- Bearings
- Shim Kit
- Gasket Kit
- Snap Rings

Replacing gears with only genuine Brad Foote elements will maximize your equipment performance, durability and warranty compliance. Benefits include:

- Eliminate cross-reference mistakes and get the right gear the first time, every time.
- All elements are genuine Brad Foote gearing components, so you can be sure you are providing the best quality for your customers.
- Pick Brad Foote, and get legendary GearMAX support for more manufacturing up-time, reliability and profits.

Contact Brad Foote Gearing today to find out more about our comprehensive gearbox maintenance, repairs, and reengineering for the dynamic steel processing industry. We are the most trusted source for all of your gearing needs. Our gearing expertise includes the following:

- Bevel
- Internal Splines
- Sprockets
- Gear racks
- Spur
- Worm
- Helical



GEARING

FABRICATIONS

SERVICES



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CASE STUDY

Gear Box Repair for the Steel Industry

Our robust gearbox expertise, along with our ability to handle large components brought this Fortune 500 client and worldwide leader in steel and mining production to Brad Foote Gearing. This gearbox project required us to custom-design and manufacture a single input, double output speed reducer intended to lift and laterally move steel during manufacturing to increase productivity. **Problem:** A reoccurring, failed in-pit pin in the gearbox impacted manufacturing productivity, resulting in down-time as well as unplanned OPEX costs. **Solution:** We custom-designed and manufactured a gearbox configured as a single input, double output speed reducer intended to perform the client's material handling requirements. **Results:** Our custom-designed gearbox not only doubled capacity, it extended service life 2X working within the design's same envelope. Brad Foote successfully reduced operating costs, boosted profits, and delivered superior quality for this steel and mining customer.



Backed by Broadwind Energy

Broadwind Energy (NASDAQ: BWEN) applies decades of deep industrial expertise to innovate integrated solutions for customers in the energy and infrastructure markets. From gears and gearing systems for wind, oil and gas and mining applications to wind towers, to comprehensive remanufacturing of gearboxes and blades, to operations and maintenance services, and industrial weldments, we have solutions for the energy needs of the future. With facilities throughout the U.S., Broadwind Energy's talented team of more than 800 employees is committed to helping customers maximize performance of their investments—quicker, easier and smarter.

