



## Industrial Gearing

### Brad Foote is your total solution provider for high quality industrial gearing

Oil and gas. Mining and steel. These and other critical industries provide a powerful, longstanding foundation to meet energy and infrastructure needs around the world. Which is why at Brad Foote Gearing, we're working harder to offer gearing solutions that are smarter, more precise and larger in scale than ever before. From our range of custom solutions for bevel and engineered drive gearing, gearbox services and remanufacturing, to heavy weldment capabilities, everything we do is designed to give critical industries the competitive edge they need — today and tomorrow.



## Custom Gearing

### Capabilities

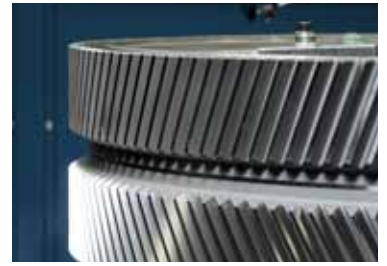
- Spur/helical gears
  - Maximum outside diameter: 140" - 157"
  - Maximum internal diameter: 60"
  - Maximum pitch: 0.75 D.P.
  - Maximum face width: 42"

### Applications

- Enclosed drives, pumps, mill pinions, moveable structures, off-highway vehicle planetarys, test stands

### Industries

- Oil and natural gas, mining, steel, power generation, industrial processing, material handling



## Bevel Gearing

### Capabilities

- Gleason Spiral Bevel
  - Maximum outside diameter: 100"
  - Maximum pitch: 0.60 D.P.
- Straight and Skew Bevel
  - Maximum outside diameter: 100"
  - Maximum pitch: 0.60 D.P.
  - Maximum face width: 12"
- Ability to induction harden all gearing

### Applications

- Rotary tables, right angle gear drives, crushers, cooling towers, hydropulpers

### Industries

- Pulp and paper, mining, power generation, oil and natural gas, water treatment



## Enclosed Drives

Brad Foote has the ability to full-load test gearboxes up to 4,025 hp (~3 MWs)

- Catalog series
  - A complete offering of catalog gear drives – our Keystone Units are designed to maximize output, while at the same time minimizing space constraints. The result is some of the highest power density ratings in the industry
- Drop-in replacements
  - Recreate an existing gear drive for an exact match, or we can design a new gear drive to fit in the same envelope
- Custom units
  - Engineer new gear drives to customer specifications



**Brad Foote**<sup>™</sup>  
GEARING

A Broadwind Energy Company