



## Heat Treating

As a leading manufacturer of precision gearing and gearboxes, Brad Foote Gearing offers unique, world-class, heat treat capabilities.

Brad Foote Gearing possesses a fleet of furnaces, including thirteen deep pit carburizing furnaces and a monster 35,000 gallon oil quench tank. Our **large furnace capacity** is anchored by **world-class process controls and state-of-the-art software**. Our **quality** is measured on site in our fully equipped **in-house metallurgical laboratory** through non-destructive testing and precision measuring including micro-hardness, microstructure and case depth. Brad Foote's complement of equipment, technology and quality provides **AGMA Grade 3 heat treating**, the highest grade possible. Whether it's gearing headed to the North Sea or bearing races destined for the wind turbine farms of California, **Brad Foote Gearing is prepared to meet your heat treat needs with the response time, capacity and delivery you expect.**



**Brad Foote**<sup>®</sup>  
GEARING

A Broadwind Energy Company



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## Extensive Capabilities and Capacity

Several million dollars have been invested in state-of-the-art gear-making equipment. These investments affect all aspects of manufacturing, including Grade 3 carburizing in Pittsburgh and the latest technology for tooth finishing in Chicago. Brad Foote boasts some of the best capabilities in the world for high-quality ground tooth gearing. With more than 500,000 square feet of facilities, Brad Foote is one of the largest precision gear and custom-engineered gear reducer manufacturers in North America. We provide complete gear manufacturing solutions, including the highest quality gearing and gearboxes in the world.

Furnace	Diameter (Capacity)	Depth (Capacity)	Type
2	71	76	Gas
3	60	102	Electric
6	45	74	Gas
7	45	74	Gas
8	54	74	Gas
10	88	150	Gas
11	68	80	Electric
12	60	72	Gas
15	61	72	Gas
16	61	72	Gas
17	61	72	Gas
18	61	72	Gas
19	61	72	Gas

