

EICKHOFF Holding

Gebr. Eickhoff Maschinenfabrik und Eisengießerei GmbH

EICKHOFF
Bergbautechnik
GmbH
[Mining Division]



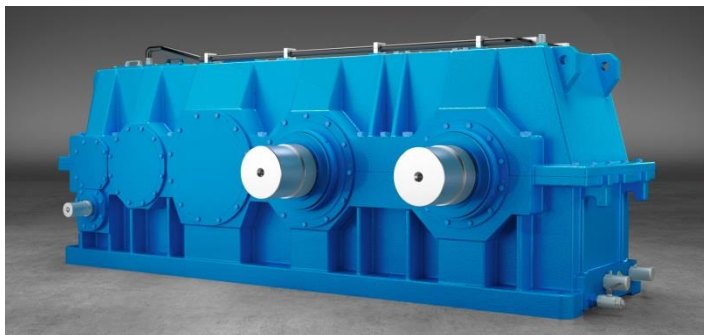
EICKHOFF
Maschinenfabrik
GmbH
*[Precision
Manufacturing]*



EICKHOFF
Antriebstechnik
GmbH
*[Industrial and Wind
Turbine Gearboxes]*

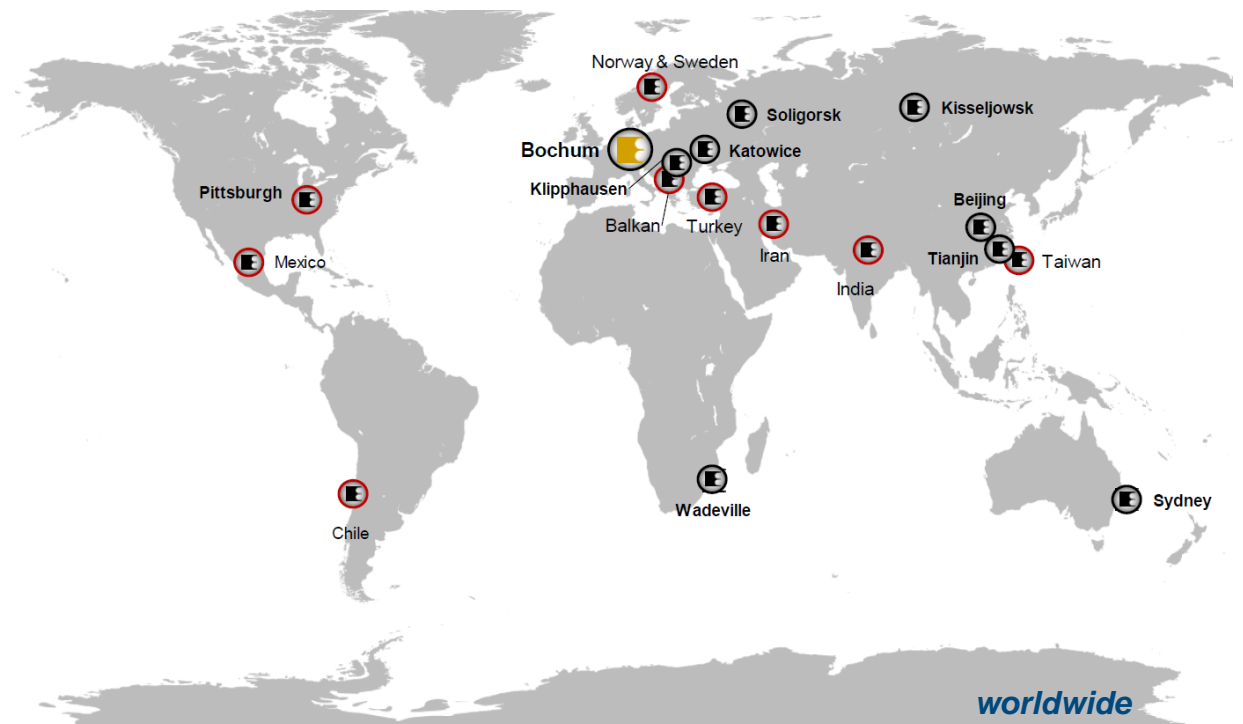


EICKHOFF
Gießerei GmbH
[Foundry]



Key figures

- **Employees: 1400**
- **Turnover: >250 Mio €**
- **Locations:**
 - Bochum (HQ)
 - Klipphausen (production site)
- **Ownership:**
 - private ownership since 1864 (6th generation)
- **8 international subsidiaries and worldwide representatives**



E Niederlassungen / Subsidiaries
 E Vertretungen / Agencies
 E Zentrale / Headquarter



Wind Turbine Gearboxes



- **EICOGEAR** wind turbine gearboxes from 2 – 4,8MW
- **Current track record:** < 21 GW



Industrial Gearboxes



- **Planetary-, (Bevel)-Helical-, Customized gearboxes**
- **Exploration, Conveying & Processing of raw materials and energy**



Service



- **Field- & workshop service for industrial & wind turbine gearboxes**

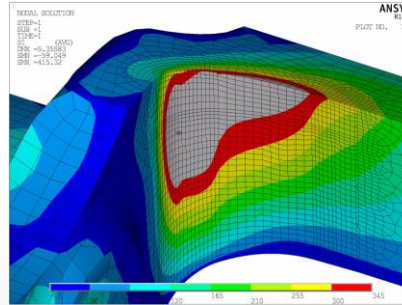


Design

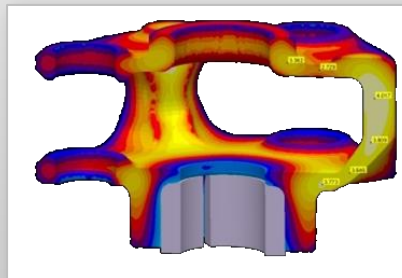


- 2D & 3D drawings
- > 150 years construction expertise

Calculation



- Computer Aided Optimization
- Casting simulation



Validation/Testing



- Several test benches (3-7 MW) in different configurations
- Measurement of vibration, torque, oil quality and temperature

Manufacturing process

Casting



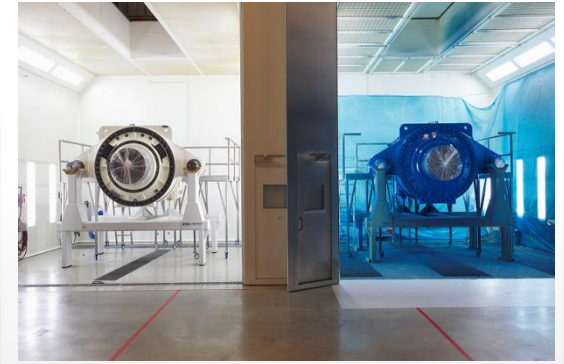
- **Casting in single-pieces and series production**
- **Range of materials covers 60 different alloys**
- **Monthly production: approx. 1.200 t; largest unit weight 8 t**

Processing



- **Manufacturing of mechanical components**
- **Precise and high quality gearing parts and large components**
- **Latest grinding and processing machines**
- **Toothing, Hardening, etc.**

Assembly & Finishing



- **Efficient assembly lines**
- **Painting & Coating work**
- **Customization in every step**

Complete drive units for many industries

Components

- *Motors*
- *Generators*
- *Couplings*
- *Brakes*
- *Oil supply*
- *Backstops*
- *Attachments*



Industries

- *Cement*
- *Minerals*
- *Open Pit Mining*
- *Rail & Transportation*
- *Heavy Industries*
- *Hydro*
- *Wind*
- *Power Generation*
- *Sugar*

Applications



Drive Solutions from A to Z

*Eickhoff is your partner for
Reliability, Customization and Sustainability*



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