FAG Medium Frequency Heating Device

Medium frequency – simple, versatile and economical

The FAG medium frequency heating device allows fast, simple and efficient heating of large rolling bearings and other ring-shaped steel parts. This reduces the amount of mounting work and cost, and increases productivity.

- Short heating times and high productivity
- Process optimization through time and cost savings
- Energy efficient operation
- Extremely safe operation and high environmental compatibility (no oil)

For All Types of Large Size Bearings
Application Examples

- Heating of bearings for mounting and dismounting
- Batch dismounting of bearing inner rings and labyrinth rings (e.g. of axle box roller bearings in rail vehicles)
- Dismounting of bearing inner rings from rail vehicle traction motors
- Heating of large machine elements such as bearings or bearing seats in a machine carrier (e.g. in wind turbines)
- Heating of rolling rings and couplings (e.g. in steelworks)
- Loosening of shrink fit connections

Operating Benefits:

- Two in one: One single device for mounting and dismounting
  Suitable for both mounting and dismounting bearings, machine carriers and housings
- Fast, safe and economical operation
  The focused heat induction and high energy density allow fast heating and particularly safe, energy efficient and environmentally compatible operation
- Customized solution
  The device comes with flexible or fixed inductors so it can be customized to your requirements and the size(s) of the parts to be heated
- Extremely versatile
  The flexible inductors are attached directly to the part to be heated. If several similar parts have to be heated, the inductors can also be fixed to a frame. This saves time and costs
- Easy transport – for use anywhere
  The FAG medium frequency heating device is much smaller, lighter and consumes much less energy than equipment used with conventional methods
- Bearing heating service
  The Schaeffler Group also offers a bearing induction heating service, including mounting support

Interested?
Please contact

Schaeffler Technologies GmbH & Co. KG
Georg-Schäfer-Straße 30
97421 Schweinfurt (Germany)
Phone: +49 2407 9149-66
Fax: +49 2407 9149-59
E-Mail: info@schaefller-iam.com
Internet: www.schaefller-iam.com

For further information on FAG maintenance products just ask for a copy of our catalogue!