



## FAG Medium Frequency Heating Device

*Medium frequency – simple, versatile and economical*

**For All Types of  
Large Size Bearings**

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)



## 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



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



**Interested?**

**Please contact**

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