

Induction Heating Service



New Flexibility in Bearing Heating

Medium-frequency heating device - simple, versatile and economical

With medium-frequency heating device technology, the Schaeffler Group is entering a new era of bearing heating. The new service concept allows:

- Uniform and controlled heating of large bearings and other circular steel parts, including difficult to access locations
- Short heating times and high productivity
- Fast, energy-efficient operation
- High standards of safety, cleanliness and environmental compatibility (no use of oil)

**For All Types of
Large Size Bearings**



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catalogue!*



Areas of application with flexible inductors

- Large components such as bearings and machine carriers
- Heating zones that are difficult to access
- Mounting operations carried out at irregular intervals

Application examples

- Heating of bearings for mounting/ dismantling
- Heating of bearing housings (e.g. on pipelay vessels)
- Heating of converter bearings in steelworks
- Heating of bearing seats in a machine carrier (for example in wind energy)
- Preheating of welds in pipeline construction
- Loosening of bearing inner rings and other shrink fit connections

Operating Benefits

- **Easy transport and mounting**
The medium-frequency heating device has flexible inductors and can thus be uniquely adapted to the workpiece
- **Rapid, safe and economical operation**
The focused heat induction and high energy density allow a short heat-up time and operation with low risk levels, good energy efficiency and high environmental compatibility
- **Professional field mounting support**
The service technicians of the Schaeffler Group have many years of experience in the mounting of rolling bearings across a wide range of market sectors

Additional services from a single source

- Access to further maintenance services and products in the fields of mounting, lubrication, condition monitoring and rolling bearing reconditioning
- Access to bearing solutions from the Schaeffler Group

Interested?

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