



TAILOR-MADE
INDUCTION HEATING EQUIPMENT



fitting solutions for **BEARING PRODUCTION.**

Customer Request

Heating several kinds of bearing outer rings (\varnothing 100 to 300 mm) in 60 seconds to 120°C for assembly. After heating the roller elements are easily installed by the operator.

Our Solution

TM developed a low-frequency induction heater which can easily be placed in a production line. The heater can process different diameters from 100 to 300 mm. The employee slides the ring on the adapter plate, heat is applied to the ring for 1 minute and then the slide moves the ring back; ready to be assembled. This heater is suitable for full continuous production.

Advantage

Small dimension, easy to integrate in existing production process. Possibility to heat different size rings for "just in time heating". Low power consumption. Suitable for continuous production.



TM has also developed a smaller version, mid frequency, for ball bearings max. \varnothing 100 mm. It is operated entirely manually.



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