TM
INDUCTION HEATING

TAILOR-MADE
INDUCTION HEATING EQUIPMENT

fitting solutions for WIND POWER.

M&R EQUIPMENT

TAILOR-MADE
INDUCTION HEATING EQUIPMENT

ISO 9001:2008
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Production Wind Power

Customer Request

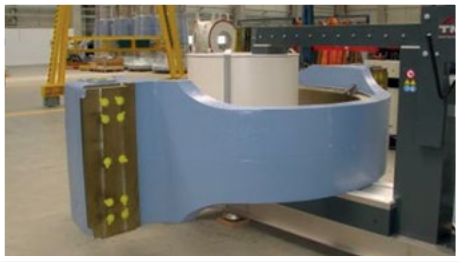
Induction heaters were needed to heat the main bearing, bearing housing and gearbox parts for a tension assembly. Because the geometry of the large parts requires press fitting, they had no other options. By induction heating they are able to expand the bore and provide tension-free assembly.

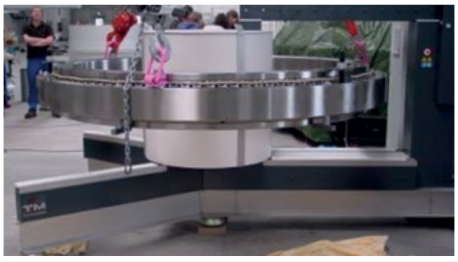
Our Solution

TM developed low and mid-frequency solutions to provide the optimal heating process with a special heating program where temperatures is measured at multiple points to guarantee a tension free heating process.

Advantage

All the heaters have small dimensions; easy to fit in the existing production process. Tension free, 100% controlled heating process which guarantees a long life of the end product. Suitable for continuous use. Low investment with respect to common heating methods. Low power consumption.





Service Wind Power

Customer Request

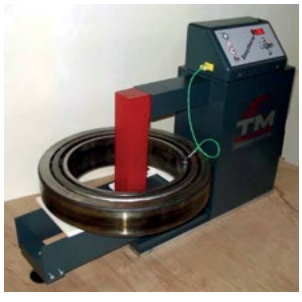
Up on the tower during the life time of a wind mill, engineers need to service the generator and drives. To exchange bearings, couplings, and gearwheels they needed a robust, small induction heater easy to hoist into the tower.

Our Solution

TM has developed sturdy induction heaters for the customer demands. One with a stainless steel case, another in a sturdy plastic box.

Advantage

Small, robust and powerful tailored. Fits in the manholes and cranes of the wind mill manufacturer. Rugged and protected from the elements.



M&R EQUIPMENT

Maintenance & Reliability Equipment *maintenance made - easier + faster + safer*

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