

# induction solutions for shipbuilding industry



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### Advantages

Energy efficiency Localized heat in the area to be heated Short heating times Repetitive and controllable process Clean, fumeless, no contact

## **Business Benefits**

Cost saving Quality Production rate increase Automated, lean process Safe heating

# Typical industrial processes

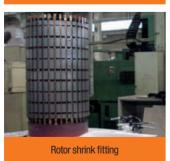
Forging and Forming
Hardening and Tempering
Pipe Welding
Annealing and Normalising
Shrink fitting
Brazing
Polymerisation Bonding
Pre- and Post-Heating

### Application examples in shipbuilding





Parts heat treatment





### Shipbuilding

- · Deck and bulkhead straightening
- · Pipe annealing
- Brazing
- · Pre- and Post-Heating

#### **Repair and Maintenance**

- Localized metal heating: Spot heating, brazing, stress relief, bolt expansion
- Paint removal
- Other applications

#### **Propulsion systems**

- · Engine components heat treating
- Turbine blades brazing
- · Gears hardening
- · Large bearings hardening
- Shafts and gearbox components heat treating
- Other applications