

INDUCTION HEATING UNIT



BUILT TO LAST



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INDUCTION HEATING UNIT



The Induction Heating Unit is designed for the thermal assembly and dismantling of: bearing rings, support rings axle of the wagon, small gears of traction motors and rotors and degaussing of the axle and sleeve after the thermal assembly process (with additional equipment: degaussing system).

BASIC CHARACTERISTICS:

- Short heating times,
- The possibility to charge heating to high temperatures,
- High efficiency of the device – energy transmission to charge directly by inductor, no useless thermal insulations reducing efficiency,
- Energy saving,
- Downsizing of inductor by using device of high-frequency operating.

CHARACTERISTICS	DATA	COMPLETE SET TO BE DELIVERED INCLUDE
Power supply	400/230V +/-10%/50Hz,	
The maximum power consumption	35,0 kW	Coils (inductors)
Heated part diameter Ø:	140 mm to 250 mm	Temperature sensor
The cooling system of the control cabinet	Air ventilators	Induction heater control cabinet
The cooling system of the coils	Compressed air	
Maximum range of temperature control:	200°C	
Temperature sensor	Yes	
Display	Control panel with a keypad	
Time control:	0 – 500 s	
Degaussing module	Optional	
Dimensions	580 x 510 x 840 mm	



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