



INDUCTION BAR END HEATER

Power rating 50 KW – 1500 KW
Frequency 500 Hz – 30 KHz
Bar size Round 16mm to 120 mm



INTERNATIONAL NETWORK



NATIONAL NETWORK



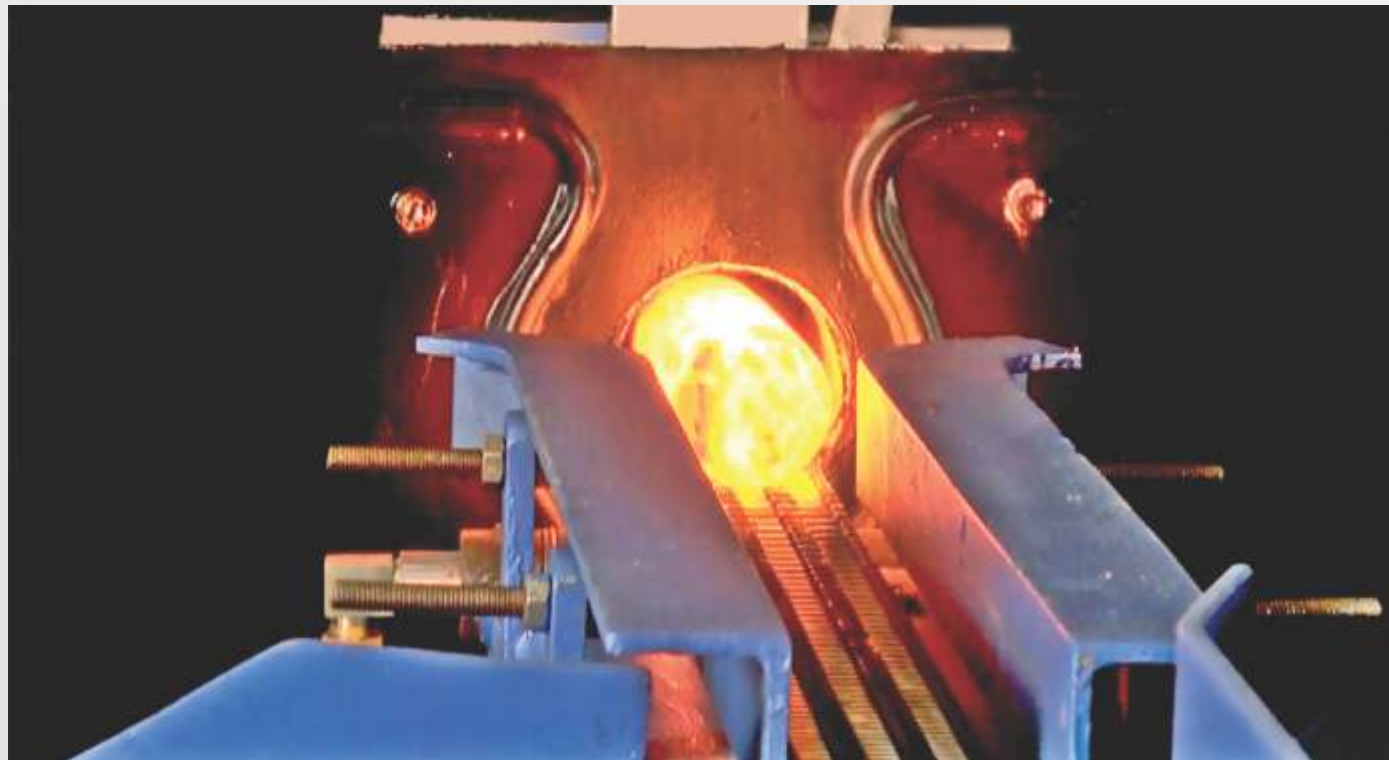
ELECTROTHERM[®]
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ELECTROTHERM[®]
The Final Word in Induction Heating and Hardening Technology



SALIENT FEATURES :

- Energy Efficient Digitally Controlled IGBT based power supply unit with built in reliability and guaranteed performance
- Input Power factor 0.98 and above at any power
- Fully tested Single Master digital control board for easy maintenance and direct replacement
- Short circuit proof power circuit to work at any load condition.
- FPGA based fully digital control with LCD screen.
- Constant output within specified range on input voltage variation.
- Exceptionally stable electronic control circuit.
- Standard design with 6 pulse or 12 pulse converter
- Suitable for Ferrous and Non-Ferrous metal
- Suitable for single as well as both end heating application (Optional)
- True temperature uniformity control
- No Special Foundation required
- Refractory casted rugged Induction Coil design with S.S. Guide rails
- Epoxy Insulated Coil winding
- Multi-Tap Coil design as per required heating length
- Quick disconnect Water & Electrical Connection
- Temperature Feedback Control (Optional)
- Multi-Function Energy Meter



ROBUST & HEAVY DUTY MECHANICAL HANDLING SYSTEM :

- Automatic / Semi automatic Systems (Walking Beam, Chain Conveyor, Pneumatic / Hydraulic Pusher)
- Pneumatic bar lifting arrangement
- Coil moving mechanism (Single point loading and single point unloading)
- Bar moving mechanism
- Accept – reject Mechanism
- Automatic lubrication system (Optional)
- Endless / Indexing conveyer With C type coil

CONTROLS :

- PLC control with color touch screen display
- Temperature measurement through infrared Pyrometer with jumbo display
- SCADA System (Optional)
- Interface suitable for remote control monitoring, data logging, control and management reports



CUSTOMER BENEFITS :

- High energy efficiency
- Enhanced Productivity
- Optimum forging temperature
- Rapid start-up
- Reduced power consumption
- Higher quality output
- Increased die life
- Negligible Scale loss
- Environment Friendly
- Low running cost



APPLICATION

- Using with Upset Forging Machines
- Axles & Shafts
- U-Bolts
- Valves
- Couplings
- Gas Cylinders
- Files
- Hand Tools