

- Wheel Nut Production Bolt forgingNut ForgingWrought Iron Manufacturing

- Rot Rotil Forging Shrink **Applications**
- Heat Shrink Fit
- Bore-Bush-Axle and Suspension Copper Welding

Aluminum Joining

- Rotor Welding

  - Valve Head Hardening
- Pipe Welding Exhaust Pipe Welding Ring Manufacturing
- Radiator Panel Welding
- Under Vacuum Welding
- Volant Gear Irrigation Gear Hardening
- Shaft Hardening
- Palier Manufacturing
- Centrifugal Bronze
- Casting 1650 Degree Steel Melting
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**End of** Induction Heating **Systems** 





To ensure a healthy operation of the system, it must be connected to a balanced mains voltage with a cable cross that can supply current according to the label value. To cool the system, it needs 3 to 6 bar of cooling water without calcining. The water temperature may be 5 to 10 degrees below or above the ambient temperature. Network If the voltage is overloaded, the 380V volt standard voltage is out of the maximum 15% tolerance range, the device is overloaded, the water pressure drops or the water temperature reaches 60 degrees. Celsius, the device will protect itself and will not start until the fault is cleared. It is not possible for the employee to be exposed to electric current, in contact with the work coil because there is no high voltage to damage human health. Since there is a high frequency magnetic field around the device, no energy should be supplied without grounding. Devices such as radio, TV, mobile phone should not be too close to the induction heating device otherwise, the operation performance can be reduced. Operating Frequency from 1.7 kHz to 12 kHz is depending on the resonance frequency of the material to be heated. The unit should not be forced to operate on Amperes in the label value, otherwise the unit will stop and an alarm will be displayed. IGBT short circuit, over current, low voltage, overheating, low water pressure and emergency stop protection are available on the device will turn itself off if any of these error inputs occur.

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