SimpleHeat® Series

Pre Weld Heat & Post Weld Heat

Applications:
- **Pre-heating**: for coating, bending, fitting unfitting, welding.
- **Post-welding heat treatment**: tank, boiler or other metal jobs
- **Heating**: mold heating, shipboard, zinc bath, large & irregular metal parts
- **Pipeline heating**: pipeline oil, pipeline gas, pipeline water, pipeline petrochemical and other pipeline material

Process:
- Induction Heating

Heating Temp Range:
- 0°C ~ 1100°C

Input Power:
- 380V, 3 phase, 50/60HZ

Heating Speed:
- 5°C ~ 400°C per minute

Output Power
- **SimpleHeat40**: 2KW ~ 40KW
- **SimpleHeat60**: 2KW ~ 60KW
- **SimpleHeat80**: 4KW ~ 80KW
- **SimpleHeat100**: 4KW ~ 100KW

Output Frequency:
- 2KHZ ~ 36KHZ

Machine Size:
- 800*560*1350mm

Quick Specifications

Cooling: Air Cooling

Thermocouple: K Type
Easy to install: Quick-release coupling.

Easy To Move: Through Lifting Eye or Wheel System.
Safe: Automatical Protect for Power Failure, IP 25 Class

IGBT Module: We adapt advanced IGBT Technology.

Smart control: All operation is micro computed and controlled through PLC touch screen.

Temperature Recorder (Optional)

Power LED
Working LED
Failure LED
Reserve Button

PLC Touch Screen
Reset Button
Alarm
Noise Reduction Button
PLC Screen
Switch
K Type
Thermocouple
Input

Air Cooler

Input Power

Output Power
Cable Port

Wheel System

Digital Display and Adjust for parameters, like output power and temperature setting up.

High Efficiency: Electric Power is converted directly to heat power with low power loss.

Failure Alert: Once operation occurs, a sounding alarm is activated and error box shown on PLC touch screen.

Integrated Module Design: System is more stable and low cost for maintenance.

Digital Recorder with optional printer is able to record the temperature data and create chart trends of the heating progress.

Accurate Measurement for temperature: Multi-points to detecting temperature; 6 channels for temperature control with ±3°C tolerance; Evenly heating.

Air Cool system allows system work at ultra circumstance: -30°C ~ 50°C.

Universal connector: water-proof; Insulation.
Accessory Parts

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Clamp Type Induction Coils for quick wrapping the work piece; Max Φ 4m.

Soft Induction Coils: 10-45 meters long high temperature cable with air cooled

Insulation Blanket

K type thermocouple & 5-45 M long connection cable

Extendable connect cable for linking power source and coils

Project On-Site

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