

# 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

## Cooling: Air Cooling

## Thermocouple :

K Type

## Output Frequency:

2KHZ ~ 36KHZ

## Machine Size:

800\*560\*1350mm

Quick Specifications

# Easy • Efficient • Economic

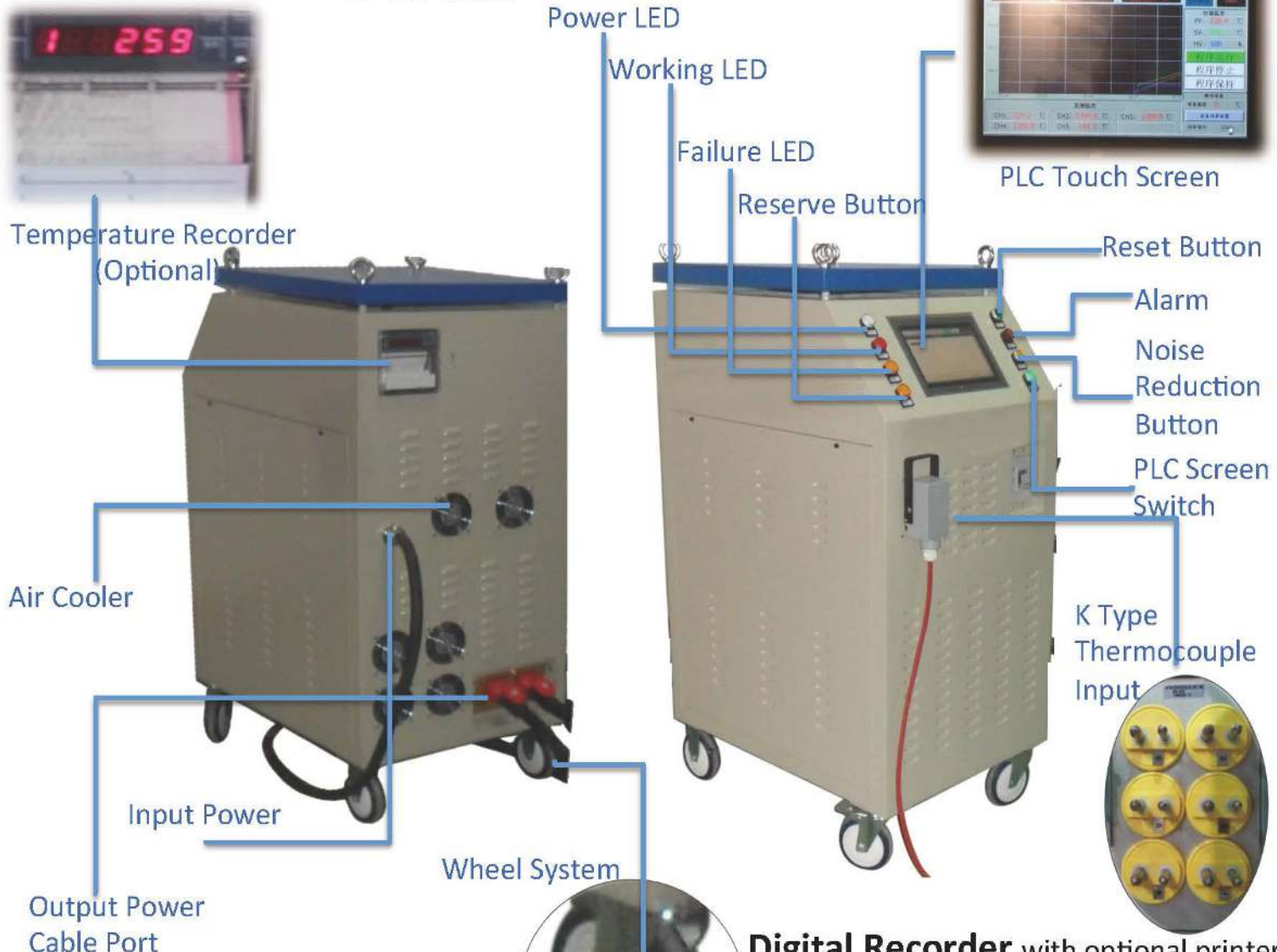
**Easy to install:** Quick-release coupling.

**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.



**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  $\pm 3^{\circ}\text{C}$  tolerance; Evenly heating.

**Air Cool system** allows system work at ultra circumstance:  $-30^{\circ}\text{C} \sim 50^{\circ}\text{C}$ .

**Universal connector:** water-proof; Insulation.



# Accessory Parts

## Pre Weld Heat & Post Weld Heat

**Clamp Type Induction Coils** for quick wrapping the work piece; Max  $\Phi$  4m.



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



**Extendable connect cable** for linking power source and coils



**Insulation Blanket**



**K type thermocouple & 5-45 M long connection cable**

## Project On-Site

