



Induction heating power supply series
Induction heating automation series



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19 Years focus on
Induction heating automation

Make the world fall in love with LIHUA Manufacturing

ABOUT LIHUA

Guangdong Lihua Induction Equipment Co., Ltd.

- 01** LIHUA is a high-tech enterprise that has been committed to the R&D and production of high-end intelligent induction heating automation equipment for 19 years. The equipment has been applied to many metal heat treating fields, and has won more than 60 patent certificates.
- 02** The company has its own modern garden-style factory building with an area of 10,000m². From 2005 to now, it has experienced 8 times of production process optimization and 5 times of production machinery update iteration. The core engineers of R&D team have more than 15 years of experience. According to the different voltage levels in different countries, induction heating equipment with corresponding input voltage has been developed. We know more about induction heating process, and can efficiently provide intelligent and optimal solutions for your special process requirements.
- 03** We are service model in the industry. At present, there are more than 40 professionals in R&D, design, process, debugging, maintenance and after-sales service. We have special personnel responsible for after-sales service, regular telephone return visits, and 24-hour online customer service. "Quick lightning service" is available in case of equipment failure - clear responsibilities, solve problems and resume production. At the same time, quarterly inspection and annual overhaul system have been established to assist customers in maintaining equipment.
- 04** It is the business philosophy of LIHUA that quality touches China and reputation touches the world. We always pursue professionalism and excellence. With advanced and mature technology, we have equipped a complete set of induction heating equipment for hundreds of well-known enterprises at home and abroad, such as military enterprises, famous domestic universities, auto parts industry, sanitary ware industry, refrigeration industry and small household appliances industry, which has been highly recognized and evaluated by users. We specialize in induction heating automation. Making heat treatment production easier is our mission and responsibility.

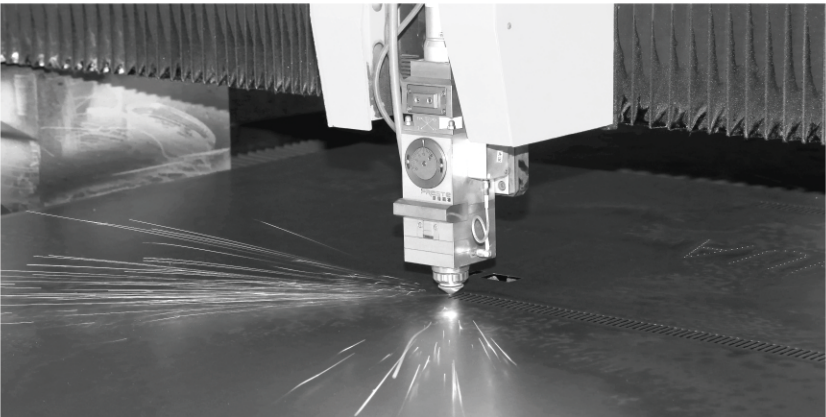
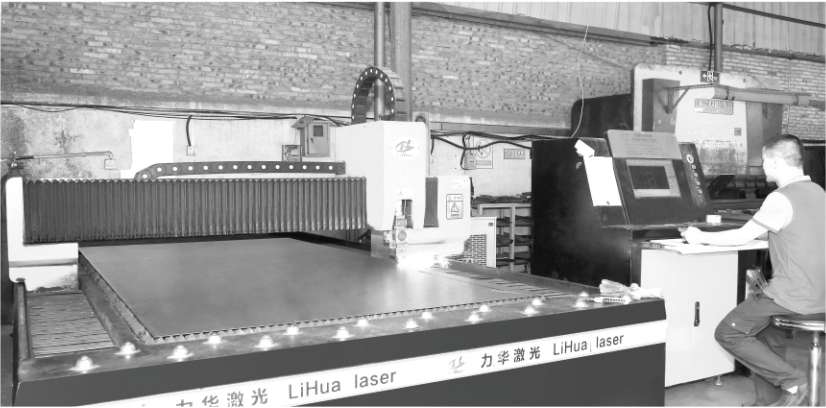
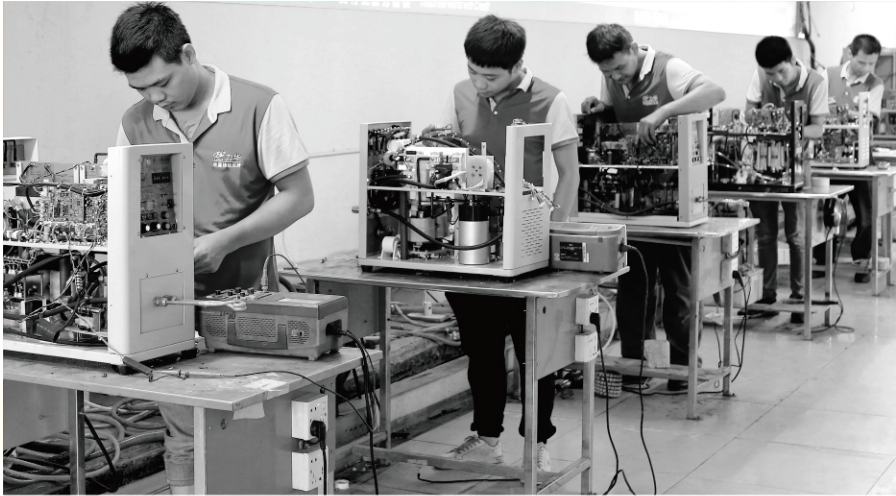
COMPANY CULTURE

- ★ Values: Unity, dedication, innovation, struggle and win-win
- ★ Quality concept: No best, only better
- ★ Service concept: Customer satisfaction is the value of our existence
- ★ Company vision: Beautify life with innovative technology
- ★ Company mission: Make production simpler
- ★ Company responsibility: Create value for customers, and realize dreams for LIHUA people



PRODUCTION ENVIRONMENT

In 19 years, the company has experienced 8 production process optimizations and 5 production machinery update iterations. With modern lean production management mode, strict quality requirements and inspection standards, 24-hour continuous operation can be realized to fully meet your delivery needs. The core engineers of R&D team have more than 15 years of rich theoretical and practical experience, and can design independently according to your needs.



TEAM Demeanor



CERTIFICATIONS AND PATENTS



Technological innovation makes production easier



High-tech Enterprise Certificate



Trademark Registration Certificate



Made-in-China.com Audited Supplier



ISO9001



CE



Patent Certificate



Patent Certificate



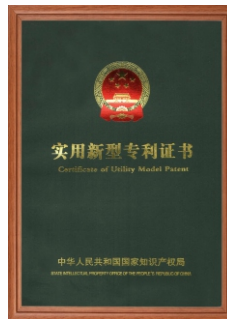
Patent Certificate



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Innovation is the soul of LIHUA and the driving force for LIHUA's sustainable development

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NEW TYPE

Handheld Mobile

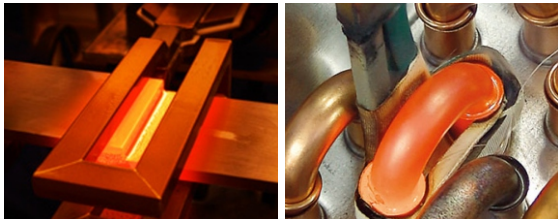
Transformer series
Integrated heating machine series

Scope of application

- ★ Transformer joint welding
- ★ Carbide sawtooth welding
- ★ Surface thermal spraying
- ★ Tube-to-tube welding, tube-to-shell welding
- ★ Copper tube welding in air conditioning, refrigerator, sanitary ware and other industries

Product parameters

Model	Power	Frequency	Cable length	Duty cycle	Efficiency	Pump
LH-SC35	35 kW	10- 100kHz	5- 100 meters	80%	Intermittent work	Optional
LH-SC60	60 kW					
LH-SC80	80 kW					
LH-SC35(J)	35 kW			100%	24-hour continuous work	
LH-SC60(J)	60 kW					
LH-SC80(J)	80 kW					



- One-key**
Adopt PLC interface to display current, voltage, waterway and faults on the screen
- Safe & environmentally friendly**
No open flame, no gas and no thermal radiation
- Mobile**
Small footprint and portability make heating more flexible
- Outdoor work**
Can work at 220V to solve the difficulty of finding three-phase electricity outdoors

Convenient, fast and accurate

LIHUA handheld transformer is small in size and light in weight. It is not afraid of water drenching, weak acid, weak alkali and high temperature.

After starting up, the power can be accurately adjusted through the host panel. The light and stable operating handle and detachable sling increase ease of operation. The flexible output connection cable provides easy and dexterous access to the workpiece, which improves the use efficiency.



Copper pipe welding

Product parameters

Model	Power	Frequency	Cable length	Duty cycle	Efficiency	Pump
LH-SCY35-Z3P	35 kW	30-80kHz	5meters	100%	24-hour continuous work	Optional
LH-SCY60-Z5P	60 kW	30-80kHz	5meters	100%		
LH-SCY80-Z5P	80 kW	30-80kHz	5meters	100%		



LH HIGH FREQUENCY SERIES

Product description

Main applications: welding quenching melting forging shrink fitting hot forming hot straightening pipe heating
The higher the frequency, the shallower the heating depth; The lower the frequency, the better the diathermy
Power: 15- 100 kW Frequency: 30- 100 kHz
Other power and frequency can be customized



Specification

Model	LH-15A	LH-15AB	LH-25A	LH-25AB	LH-30AB
Power supply	220 V, single-phase - 50/60 Hz	220 V, single-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz
Operating voltage	180- 250 V	180- 250 V	340- 430 V	340- 430 V	340- 430 V
Output power	15 kW	15 kW	25 kW	25 kW	30 kW
Frequency	30- 100 kHz	30- 100 kHz	30- 80 kHz	30- 80 kHz	30- 80 kHz
Output current	200- 600 A	200- 600 A	200- 1200 A	200- 1200 A	400- 1500 A
Timing	1- 99 s	1- 99 s	1- 99 s	1- 99 s	1- 99 s
Cooling water	0.06- 0.12 MPa, 7.5 L/min	0.06- 0.12 MPa, 7.5 L/min	0.06- 0.12 MPa, 7.5 L/min	0.08- 0.12 MPa, 7.5 L/min	0.08- 0.16 MPa, 7.5 L/min
Water Temp alarm	40 °C	40 °C	40 °C	40 °C	40 °C
Weight	25 kg	G: 10 kg, T: 15 kg	30 kg	G: 18.5 kg, T: 15 kg	G: 35 kg, T: 10 kg
Dimension (mm)	535 x 245 x 550	G: 505 x 235 x 520 T: 340 x 235 x 405	535 x 245 x 550	G: 560 x 235 x 520 T: 425 x 235 x 420	G: 595 x 275 x 580 T: 485 x 275 x 440



Specification

Model	LH-35AB	LH-40AB	LH-60AB	LH-80AB
Power supply	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz
Operating voltage	340- 430 V	340- 430 V	340- 430 V	340- 430 V
Output power	35 kW	40 kW	60 kW	80 kW
Frequency	30- 80 kHz	30- 80 kHz	30- 80 kHz	30- 80 kHz
Output current	400- 1600 A	400- 1800 A	400- 2400 A	400- 3200 A
Timing	1- 99 s	1- 99 s	1- 99 s	1- 99 s
Cooling water	0.08- 0.16 MPa, 7.6 L/min	0.08- 0.16 MPa, 7.6 L/min	0.08- 0.16 MPa, 7.6 L/min	0.08- 0.16 MPa, 9 L/min
Water Temp alarm	40 °C	40 °C	40 °C	40 °C
Weight	G: 35 kg, T: 10 kg	G: 35 kg, T: 10 kg	G: 37 kg, T: 36 kg	G: 54 kg, T: 47 kg
Dimension (mm)	G: 595 x 275 x 580 T: 485 x 275 x 450	G: 595 x 275 x 580 T: 485 x 275 x 450	G: 650 x 320 x 590 T: 485 x 275 x 450	G: 745 x 345 x 600 T: 790 x 425 x 580

LHM MEDIUM FREQUENCY SERIES

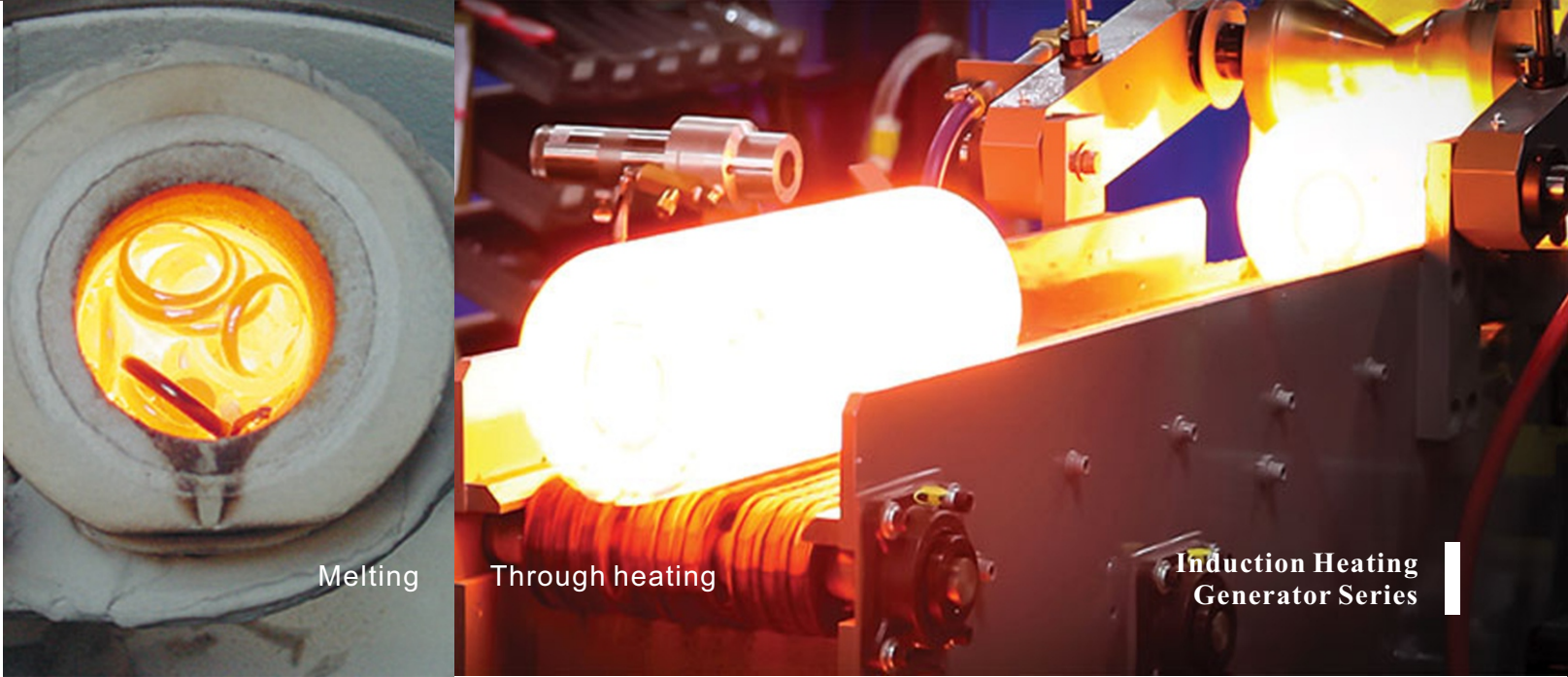
Product description

Main applications: **smelting** **forging** **welding** **quenching** **shrink fitting** **hot forming** **hot straightening** **pipe heating**

When heating non-magnetic materials such as stainless steel, copper, aluminum, industrial silicon, the heating and melting speed is fast, the burning loss of material elements is small, and the energy saving effect is good, thereby reducing casting costs.

Power: 15- 160 kW Frequency: 1- 20 kHz

Other power and frequency can be customized



160 kW



90/110 kW



70kW



35/45kW



15/25kW

Specification

Model	LHM-15AB	LHM-25AB	LHM-35AB	LHM-45AB	LHM-70AB	LHM-90AB	LHM-110AB	LHM-160AB
Power supply	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz
Operating voltage	340- 430 V	340- 430 V	340- 480 V	340- 480 V	340- 480 V	340- 480 V	340- 480 V	340- 480 V
Output power	15 kW	25 kW	35 kW	45 kW	70 kW	90 kW	110 kW	160 kW
Frequency	2- 20 kHz	2- 20 kHz	2- 20 kHz	2- 20 kHz	2- 20 kHz	2- 20 kHz	2- 20 kHz	2- 20 kHz
Output current	1- 35 A	1- 50 A	1- 70 A	1- 100 A	1- 130 A	1- 180 A	1- 220 A	1- 320 A
Timing	0.1- 99.9 s	0.1- 99.9 s	0.1- 99.9 s	0.1- 99.9 s	0.1- 99.9 s	0.1- 99.9 s	0.1- 99.9 s	0.1- 99.9 s
Cooling water	0.08- 0.16 MPa, 9 L/min	0.08- 0.16 MPa, 9 L/min	0.08- 0.16 MPa, 9 L/min	0.08- 0.16 MPa, 10 L/min	0.08- 0.16 MPa, 9 L/min	0.08- 0.16 MPa, 10 L/min	0.08- 0.16 MPa, 12 L/min	0.08- 0.16 MPa, 15 L/min
Water Temp alarm	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C
Weight	G: 37.5 kg, T: 32.5 kg	G: 37.5 kg, T: 32.5 kg	G: 37.5 kg, T: 32.5 kg	G: 54 kg, T: 42.5 kg	G: 80 kg, T: 60 kg	G: 90 kg, T: 65 kg	G: 100 kg, T: 65 kg	G: 120 kg, T: 75 kg
Dimension (mm)	G: 550 x 280 x 540 T: 580 x 240 x 520	G: 550 x 280 x 540 T: 580 x 240 x 520	G: 660 x 330 x 580 T: 580 x 240 x 520	G: 660 x 330 x 580 T: 580 x 240 x 520	G: 730 x 350 x 630 T: 580 x 240 x 520	G: 730 x 350 x 630 T: 580 x 400 x 530	G: 800 x 420 x 880 T: 580 x 400 x 530	G: 820 x 420 x 880 T: 580 x 400 x 530

LHY ULTRASONIC FREQUENCY SERIES

Product description

- Main applications:
- ★ Heat treatment of gears, shafts and other parts
 - ★ Continuous annealing of steel wire
 - ★ Tableware heating before thermoforming
 - ★ Standard parts heating before forging
- Power: 40- 160 kW
- Frequency: 20- 50 kHz
- Other power and frequency can be customized



Specification

Model	LHY-40AB	LHY-60AB	LHY-80AB	LHY-100AB	LHY-120AB	LHY-160AB
Power supply	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz
Operating voltage	340- 430 V	340- 430 V	340- 430 V	340- 430 V	340- 430 V	340- 430 V
Output power	40 kW	60 kW	80 kW	100 kW	120 kW	160 kW
Frequency	20- 50 kHz	20- 50 kHz	20- 50 kHz	20- 50 kHz	20- 50 kHz	20- 50 kHz
Output current	1- 1600 A	1- 2400 A	1- 3000 A	1- 3800 A	1- 4200 A	1- 5800 A
Timing	1- 99 s	1- 99 s	1- 99 s	1- 99 s	1- 99 s	1- 99 s
Cooling water	0.08- 0.16 MPa, 9 L/min	0.08- 0.16 MPa, 9 L/min	0.08- 0.16 MPa, 9 L/min	0.08- 0.16 MPa, 10 L/min	0.08- 0.16 MPa, 12 L/min	0.08- 0.16 MPa, 15 L/min
Water Temp alarm	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C
Weight	G: 37.5 kg, T: 32.5 kg	G: 54 kg, T: 42.5 kg	G: 80 kg, T: 60 kg	G: 100 kg, T: 65 kg	G: 110 kg, T: 65 kg	G: 120 kg, T: 65 kg
Dimension (mm)	G: 520 x 250 x 462 T: 320 x 220 x 350	G: 660 x 345 x 550 T: 450 x 255 x 390	G: 660 x 345 x 550 T: 500 x 255 x 420	G: 750 x 600 x 900 T: 510 x 255 x 420	G: 750 x 600 x 900 T: 670 x 420 x 500	G: 1000 x 600 x 900 T: 640 x 360 x 550

LHG ULTRA HIGH FREQUENCY SERIES

■ Main Applications

- ★ carbide sawtooth welding
- ★ copper pipe joint welding
- ★ heat treatment of gear, shaft, guide rail
- ★ annealing or quenching of stainless steel or alloy steel wire
- ★ magnetic levitation smelting
- ★ smelting of scrap or powder



■ Specification

Model	LHG-05A	LHG-06A	LHG-10A	LHG-20A
Power supply	220 V, single-phase - 50/60 Hz	220 V, single-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz
Operating voltage	180- 250 V	180- 250 V	340- 430 V	340- 430 V
Output power	5 kW	6 kW	10 kW	20 kW
Frequency	800 kHz- 1.1 MHz	1 MHz	50- 400 kHz	50- 400 kHz
Output current	3- 18 A	5- 20 A	3- 20 A	3- 35 A
Duty cycle	80%	100%	80%	80%
Weight	20 kg	25 kg	30 kg	30 kg
Dimension (mm)	420 x 200 x 355	632 x 260 x 550	630 x 260 x 550	630 x 260 x 550



■ Specification

Model	LHG-20AB	LHG-30AB	LHG-40AB	LHG-60AB
Power supply	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz	380 V, three-phase - 50/60 Hz
Operating voltage	340- 430 V	340- 430 V	340- 430 V	340- 430 V
Output power	20 kW	30 kW	40 kW	60 kW
Frequency	50- 400 kHz	50- 400 kHz	50- 400 kHz	30- 400 kHz
Output current	3- 35 A	10- 45 A	10- 60 A	12- 100 A
Duty cycle	80%	80%	80%	80%
Weight	G: 30 kg, T: 20 kg	G: 35 kg, T: 24 kg	G: 50 kg, T: 27 kg	G: 50 kg, T: 27 kg
Dimension (mm)	G: 600 x 260 x 530 T: 400 x 250 x 380	G: 630 x 280 x 535 T: 500 x 260 x 450	G: 680 x 350 x 600 T: 500 x 300 x 480	G: 750 x 400 x 880 T: 500 x 300 x 480