

## Thyristor Induction Aluminum Melting Furnace System high efficiency

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: Huaxin
- Certification: Patent No. ZL202222790179.8 ; Testing Report ; National AAA Level Credit Enterprise; ISO management system certificate;
- Model Number: 0.5 tons ~60 tons
- Minimum Order Quantity: 1 set
- Price: to be negotiated
- Packaging Details: normal package for water proof
- Delivery Time: 45 days or so according to furnace capacity
- Payment Terms: T/T, Western Union, L/C, MoneyGram
- Supply Ability: 1000000 sets per year



#### Product Specification

- Special Advantage 3: Energy Saving
- Special Advantage 2: High Efficiency
- Special Advantage 1: Reliable Technology
- Safety Performance 1: Hydraulic Lock For Furnace
- Safety Performance 2: Molten Iron Leakage Detecting System
- Safety Performance 3: Interlocked Door Of Power Supply Cabinet
- Safety Performance 4: Grounding Protection
- Safety Performance 5: Emergency Power Supply
- Safety Performance 6: Detecting And Protecting For Water Temperature, Pressure And Leakage Of Furnace
- Safety Performance 7: Drop-roof Hood Of Furnace
- Safety Performance 8: Impedence With Empty Core
- Highlight: **Aluminum Melting Furnace System, Thyristor Aluminum Melting Furnace**



## China thyristor induction aluminum melting furnace system

### Application Advantage:

1. Remote monitoring, you can view the device operating data on your mobile phone or computer.
2. Real-time data, we add sensors to the equipment, and the equipment operating data is transmitted and recorded in real time.
3. Automatic early warning. During the operation of the equipment, the data of the past six months will be compared. Once an abnormality or fluctuation occurs, an alarm will be automatically sent to the computer and mobile phone.
4. View various data, melting time, power, speed, etc. in real time.
5. Fault warning.

### Technical advantages:

Mature technology, no high harmonics, maximum power factor, power factor can be over 95%, power compensation devices and harmonic elimination device are not needed any more.

Type	Rated capacity (T)	Rated Power (KW)	Rated Frequency (HZ)	Supply Power(V)	Input current(A)	Medium frequency voltage(V)	drive type	adapted transformer (KVA)
GW0.5-400-1.5S	0.5	400	1500	380	652.8	2500	one drives one	400
GW0.5-450-1.5S	0.5	450	1500	380	734.4	2500	one drives two	500
GW0.75-500-1.0S	0.75	500	1000	575	500	2800	one drives one	500
GW0.75-600-1.0S	0.75	600	1000	575	600	2800	one drives two	630
GW1.0-700-0.5S	1	700	500	575	700	2800	one drives one	800
GW1.0-750-0.5S	1	750	500	575	750	2800	one drives two	800
GW1.5-1000-0.5S	1.5	1000	500	575	1000	2800	one drives one	1000
GW1.5-1200-0.5S	1.5	1200	500	575	1200	2800	one drives two	1250
GW2.0-1400-0.5S	2	1400	500	575	1400	2800	one drives one	1600
GW2.0-1500-0.5S	2	1500	500	575×2	750×2	2800	one drives two	1600
GW3.0-2000-0.3S	3	2000	300	575×2	1000×2	2800	one drives one	2000
GW3.0-2250-0.3S	3	2250	300	575×2	1125×2	2800	one drives two	2500
GW4.0-2400-0.3S	4	2400	300	575×2	1200×2	2800	one drives one	2500
GW4.0-3000-0.3S	4	3000	300	575×2	1500×2	2800	one drives two	3150
GW5.0-3000-0.3S	5	3000	300	575×2	1500×2	2800	one drives one	3150
GW5.0-3500-0.3S	5	3500	300	575×2	1750×2	2800	one drives two	4000
GW6.0-3500-0.3S	6	3500	300	575×2	1750×2	2800	one drives one	4000
GW6.0-4000-0.3S	6	4000	300	575×2	2000×4	2800	one drives two	5000
GW8.0-4800-0.3S	8	4800	300	575×4	1200×4	2800	one drives one	5000
GW8.0-6000-0.3S	8	6000	300	575×4	1500×4	2800	one drives two	6300
GW10-6000-0.3S	10	6000	300	575×4	1750×4	2800	one drives one	6300
GW10-7500-0.3S	10	7500	300	575×4	1875×4	2800	one drives two	8000
GW15-7500-0.3S	15	7500	300	950×4	1134×4	2800	one drives one	8000
GW15-9000-0.3S	15	9000	300	950×4	1361×4	2800	one drives two	10000
GW20-9000-0.3S	20	9000	300	950×4	1361×4	2800	one drives one	10000
GW20-12000-0.3S	20	12000	300	950×4	1815×4	2800	one drives two	12000

### Technology Features:

#### Reliable ! High Efficiency ! Energy Saving!

1. Select first class electric elements , scientific layout, reasonable structure design, guaranteeing optimum running status of the whole system
2. Thick raw material, reasonable match between induction ring and capacitor, intelligent type digital main control board, constant output and high efficiency power factor are guarantee for quick melting speed.

#### Power Supply:

The utility model has the advantages of obvious energy saving effect and 20% saving compared with common equipment. It can achieve that one power supply cabinet for two furnaces. Transformer utilization rate is high. The two furnaces can cast simultaneously and also can supply continuously molten steel casting. Arbitrary power allocation, starting rate of 100%



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