

## Introduction:

The 30KW high frequency induction heating machine uses a series resonant circuit , the resonant output low voltage , high current frequency power by high-frequency transformer ; This device is our first generation products, using MOSFET power devices and our first generation variable flow control technology, equipment a very simple structure , high reliability , low maintenance, customer self-maintenance convenience , is currently one of the most widely used devices

## Features:

1. Under the same conditions, saving a double electric energy than traditional ones.
- 2.Design with a 100% load, continuously 24 hours a day, can be equipped with infrared temperature measurement, automatic temperature control, improve the heating quality and simplify the manual operation.
- 3.With over-current, over-voltage, under-water, phase failure, load discomfort state, the provision of higher reliability and durability.
4. Applied to the workplace with poor environment, you can put the main host machine in clean space, reducing the host's repair rate, increase the reliability of the device.
- 5.Can be used in pipeline operations, the small ext machine occupies a small counter top space, easy to move.

## Specifications:

The followings are the normal specifications of our 30KW high frequency induction welding machine:

Parameters	Numerical
Input voltage	Three-phase 380V
Power	30 KW
Out current	400-1500 A
Work frequency	30-80 KHZ
Rated duty cycle	100%
Power factor	≥95
Temperature of cooling water	≤ 40°C
Cooling water Pressure	0.06Mpa-0.12Mpa
Cooling watering flow	7.5 L/min
Main host size and weight	600 × 255 × 540mm 35Kg
Ext dimensions and weight	450 × 255 × 390mm 30KG

The above specifications are for reference, other or special specifications can be ordered by customers.

We also have [25KW high frequency induction welding machine](#) and [20KW high frequency induction welding machine](#)

