

Choice of hardware tools used for the induction heat treatment

United Induction Heating Machine Limited

We are experienced in Induction Heating, induction heating machine, Induction Heating equipment. They are widely used in induction heating service, induction heat treatment, induction brazing, induction hardening, induction welding, induction forging, induction quenching, induction soldering induction melting and induction surface treatment applications
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A heated workpiece shape and size

Large workpiece, bar stock, real material should be used in the relative power, low-frequency induction heating equipment; the workpiece small, pipe, sheet metal, gear, etc., the selection of a relatively small power, high frequency induction heating equipment.

Second, the need for heating the depth and area

The heating deep, large area, and the whole was heated, should be used in the high power, low frequency induction heating apparatus; heated shallow depth, area is small, local heating, selection of relatively small power, high-frequency induction heating equipment.

Third, the required heating speed

Required heating speed, should be used in relatively large power, relatively low frequency induction heating equipment.

Four continuous work time

Working continuously for a long time, relative to use power slightly larger than the induction heating equipment, to the contrary, the selection of a relatively small power device.

, Inductive components and equipment connections distance

Long connection, or even need to use water-cooled cable connections, the relative power of induction heating equipment should be used.

Sixth, the technological requirements

General, quenching, welding process, relatively high power selected smaller frequency selected some selected larger; tempering, annealing process, the relative power of the low frequency selected some; red red, hot forging, smelting and other needs diathermy effect of a good process, the power selected larger, lower frequency selected. Hardware Tools seven workpiece material

The relatively high melting point metal material selection of power a large number of low melting point relative selection of power is small; small resistivity optional power, resistivity optional small power.

