

Gear shaft induction hardening

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
<http://www.uihm.com>

Gear shaft quenching equipment is on the gears, sprockets, etc. Some of shaft workpiece surface hardening or quenching of a comprehensive processing equipment. In order to enhance the toughness of the gear so that there will be gear hardening processes. Gear quenching equipment IGBT as the main device, the power circuit in series is the basic characteristic oscillation control circuit with automatic frequency tracking.

Each device is equipped with the appropriate sensors. Gear surface after quenching a larger surface compression stress, fatigue workpiece higher breaking capacity, high hardness, easy to wear and deformation. Gear quenching equipment typically used for a variety of gears, sprockets, shaft hardening, a variety of axle, leaf springs, fork, valve, rocker arm, ball pins and other auto parts quenching.

Gear shaft quenching equipment is widely used in the following areas:

A sensor using profiling sensors, side scan while water quenching, hardness, hardening depth can meet the requirements.

(2) meet the requirements of 150mm diameter shaft surface hardening.

3 can meet the tip diameter of about 250 hardened gear requirements.

4 using LSI digital automatic control, with manual, automatic, semi-automatic, cold and heat insulation missing time control points.

5 automatic frequency tracking, power stepless adjustment, easy to use, 10 minutes to learn to use.

Gear shaft quenching equipment features:

1 This product mature technology, quality assurance, please rest assured that use.

2 sensor using profiling sensors, quick heating, no noise.

3 can meet the 150mm diameter shaft surface hardening requirements.

4 can satisfy tip diameter about 250 hardened gear requirements.

5 cam quenching quenching machine can be equipped with numerical control, automatic segmentation quenching improve production efficiency.

6, light load, heavy frequent and reliable starter

7, power, frequency tunable

8, two coordinates, coordinate CNC control

9, quenching keyboard data entry process can achieve quenching process automation control.

