

Induction quenching equipment for machine tools

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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Machine Tool quenching machine equipment

First, the Machine Tool quenching equipment use:

Mainly used in the machining industry, for users to solve the track surface do not wear, not durable technical problems. Rail by quenching to improve their hardness, thus ensuring the normal operation of the machine.

Second, the Machine Tool quenching equipment in the course of the advantages

- 1, Machine Tool quenching equipment efficiency, energy saving.
- 2, Machine Tool quenching hardness uniform, consistent, hardened layer is moderate.
- 3, quenching hardness meets the requirements, quenching is not deformed.
- 4, quenching sensors work fine, if the track is too wide, the sensor can be unilateral quenching, if the track is narrow, can be bilateral quenching.

Third, the Machine Tool quenching achieved technical indicators:

A guide rail hardened layer depth is generally 1.5-3mm, hardness HRC45-52;

2 quenching deformation is less than 0.06mm;

3. Heating faster, 200-400mm / min.

Fourth, the Machine Tool quenching equipment recommended models

1, 80 KW and 120KW 160KW facilitate greater cross-sectional Machine Tool and gear

quenching.

2, walking speed: dual-rail with quenching :200-400mm / min (depending on section size set).

Five, Machine Tool quenching machine equipment major component

1, IGBT super audio power;

2, UM-C type self-quenching machine.

System has a longitudinal (along the bed axial) movement, vertical and the machine moves back and forth, rising and falling motion sensor scans the main movement.

3, water chillers.

Six, Machine Tool quenching machine equipment technical service and support

1, product quality for long-term tracking service.

2, the product of the installation and commissioning, technical guidance and training.

3, the product of three policies. Within one year of free maintenance and lifetime maintenance.



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