

# Induction Heat braided cable

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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Heat braided cable Objective Prior to cutting, heat a short section of a hardened steel cable coated with a polyethylene sheathing.

Material Multi-strand braided stainless steel cable 0.5 in. (1.27 cm) OD enclosed within a polyethylene sheathing

Temperature 1800 °F (982) °C

Frequency 40 kHz

Equipment • Power of 60kW induction heating system, equipped with a remote workhead containing four (4) 1.0 µF capacitors (for a total of 1.0 µF).

• An induction heating coil designed and developed specifically for this application.

Process A three-turn helical coil is used to heat the cable in approximately 2 seconds.

After the power is turned off, the heat is then transferred to the sheathing.

Results/Benefits Induction heating provides a quick, precise repeatable method to reach the high temperature required. It is a very efficient heating method. Heat a braided cable

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