

Induction Heating Titanium Blade

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>

Heating Titanium Blade Objective Heat a titanium blade to 500°F (200°C) to melt and drain the wax from inside the blade.

Material 4" length (101.6mm) titanium blades with 1.5" x 0.25" (38.1mm x 6.4mm) metering area

Temperature 500°F (200°C)

Frequency 186 kHz

Equipment • Power of 10kW induction heating system equipped with a remote workhead.

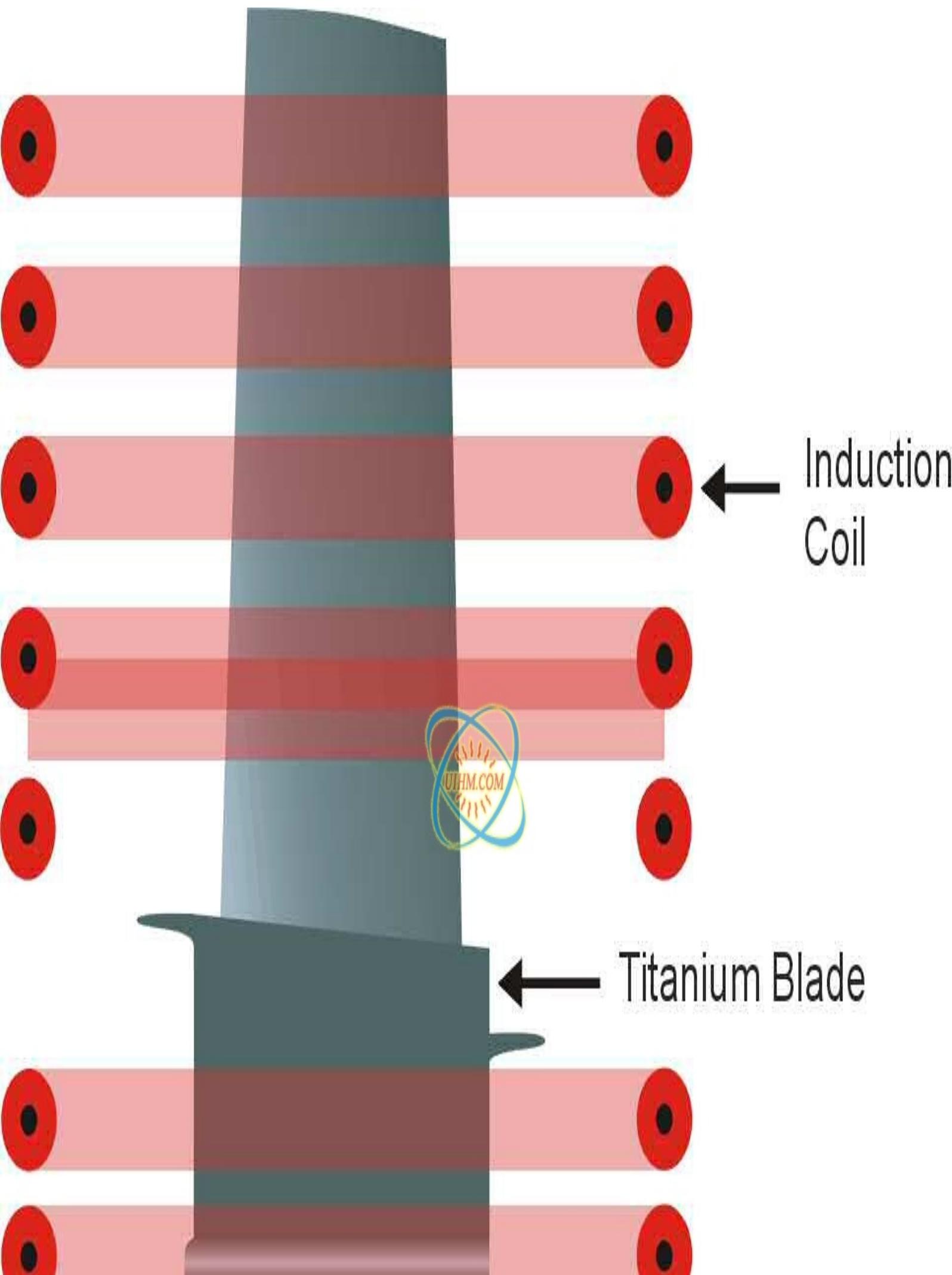
- An induction heating coil designed and developed specifically for this application. Process A specially designed eight-turn helical coil is used to heat to the blades. Power is applied for 3.5 minutes. The wax melts and drips out of the blade.

Results/Benefits Induction heating provides:

- Uniform and repeatable performance
- Faster application time
- Non-contact heating

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Induction
Coil

Titanium Blade

