

# INDUCTION ANNEALING

Annealing is a heat treatment in which material is exposed to an elevated temperature and slowly cooled. Annealing of the material changes physical properties of the material such as strength and hardness.

Microtech induction annealing machines are designed to be used for Normalising, Stress relieving and Process Annealing.

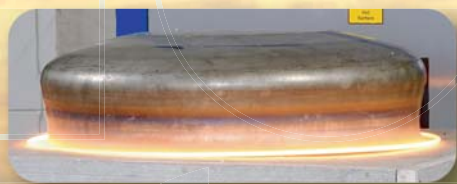
## SALIENT FEATURES

- ✓ Uniform annealing with better quality end product
- ✓ Lesser Annealing cost comparing to conventional methods.
- ✓ Faster Annealing cycle
- ✓ Higher productivity
- ✓ Highest system efficiency
- ✓ Highly adaptable for automation
- ✓ Eco-friendly due to noiseless and flameless operation
- ✓ No statutory approvals required
- ✓ Lesser risk involved compared to conventional methods
- ✓ Application Specific
- ✓ Auto or manual mode operation
- ✓ Improved power factor.
- ✓ Tropicalised design
- ✓ Compact size.



## ANNEALING APPLICATIONS

- ✓ Stainless Steel / Aluminium Utensils
- ✓ All Cold Formed Steel Components
- ✓ Stress Relieving
- ✓ Post weld annealing
- ✓ Annealing of copper tubes
- ✓ Annealing of knife, blade ends



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Some of the application related components

## TECHNICAL SPECIFICATIONS

Power range	05 - 15 kW.	15 - 30 kW.	30 - 50 kW.
Frequency range	01 - 400 kHz.	05 - 30 kHz.	05 - 30 kHz.
Adaptation to change load charecteristics	YES	YES	YES
Load sensed self tuning	YES	YES	YES
Size	W - 620 mm D - 700 mm H - 500 mm	W - 620 mm D - 700 mm H - 500 mm	W - 620 mm D - 750 mm H - 1380 mm
Input Power Range	Single Phase 230 V / 50 Hz.	Three Phase 440 V / 50 Hz.	Three Phase 440 V / 50 Hz.

In our endeavour to make better products, Microtech Induction Pvt. Ltd. reserves the right to change any specifications at any moment and without prior notice, to the models ( including programming ), their accessories and optionals.



## MICROTECH INDUCTIONS PVT. LTD.

AN ISO 9001: 2000 COMPANY

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