

TURBO ANNEALING SYSTEM

Now there is a compact and automatic PLC controlled system to replace conventional belt furnaces for annealing brass components.

This system offered by **NORAX INDUCTION**, replaces conventional low efficiency belt furnaces with a dynamic rotary helical tube heated by induction.

Due to continuous movement and mixing of the parts, a very homogeneous and uniform result is achieved.

- **CONSISTANT HARDNESS & GRAIN SIZE**
- **ROTATING INDUCTION HELICAL PROCESS**
- **ANNUAL ENERGY COST SAVINGS \$50,000 TO \$100,000**
- **FLEXIBLE for CASE & BULLET CUPS**
- **1ST, 2ND DRAW & BODY ANNEALLING**
- **COMPACT FOOT PRINT**

- Parts in continuous movement during annealing – No stacking or bunching.
- Power consumption only when in operation – Automatic power reduction when off line.
- Can easily program speed of rotation and temperature to adjust for different component hardness/grain sizes requirements.
- Can handle a large variety of caliber size cups and components.
- Increased heat transfer through combined conduction, convection and radiation.

TECHNICAL SPECIFICATIONS

- Production rate up to 1,000 – 2,000 Lb/Hr
- 100 / 200 kW induction power supply
- Programmable annealing temperature and feeding rate through touch screen PLC
- Closed loop cooling water system
- Small foot print: L \approx 15', W \approx 4', H \approx 5'

The Turbo Annealing System can be used for rapid and homogeneous recrystallization and annealing of wide range of brass cups and semi-finished cartridges components.

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NORAX INDUCTION

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100 kW Induction Power Supply with PLC



Components Feeder



Induction Coil & Cooling Zone



Water Cooling System

