



Strip Annealing Overview

1525



STRIP ANNEALING OVERVIEW



RAD-CON: Bell Annealing Specialists Since 1966

Capital equipment, services, consulting, and optimization for bell-type batch annealing furnace (BAF) shops worldwide.

- Specialists in 100% hydrogen bell-type batch anneal
- Facility sizes ranging from 10,000 t/y to 1,000,000 t/y
- Leader in process optimization software
- Turn key plants—design, manufacture, installation
- Global company, headquartered in Cleveland, Ohio, USA

Super-High Convection™

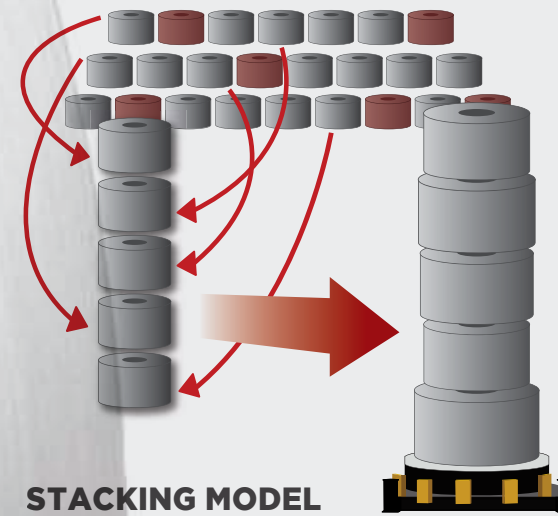
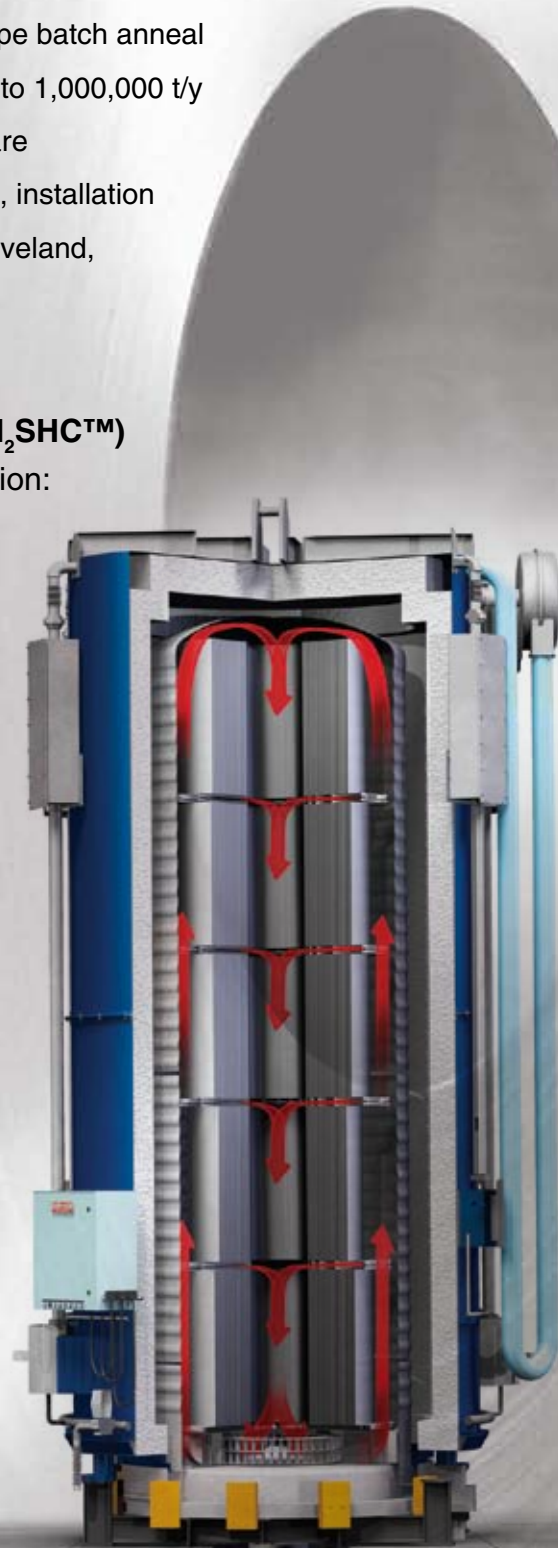
High-pressure, high-performance (H₂SHC™) convection system for superior circulation:

- Specialized convection design for tall stacks
- Uniform circulation around coils
- Consistent quality results coil-to-coil
- Short cycle times, low operating costs

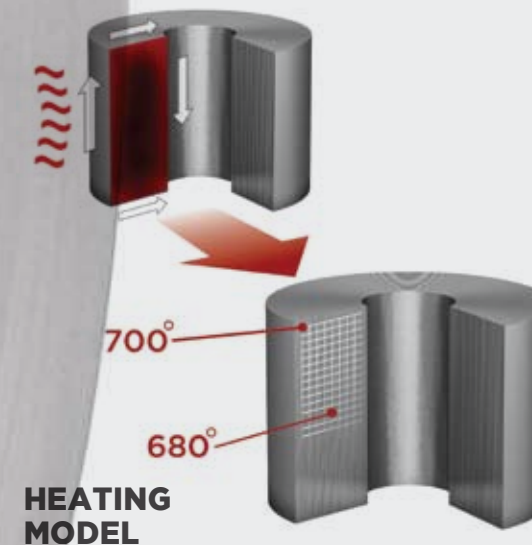
Structural Base Design

Tough and durable heavy-duty base frame—**because an anneal base should be forever.**

- Low foundation costs
- High impact load tolerance
- More stacking height in crane space
- Ideal for greenfield or brownfield sites



CAPS™



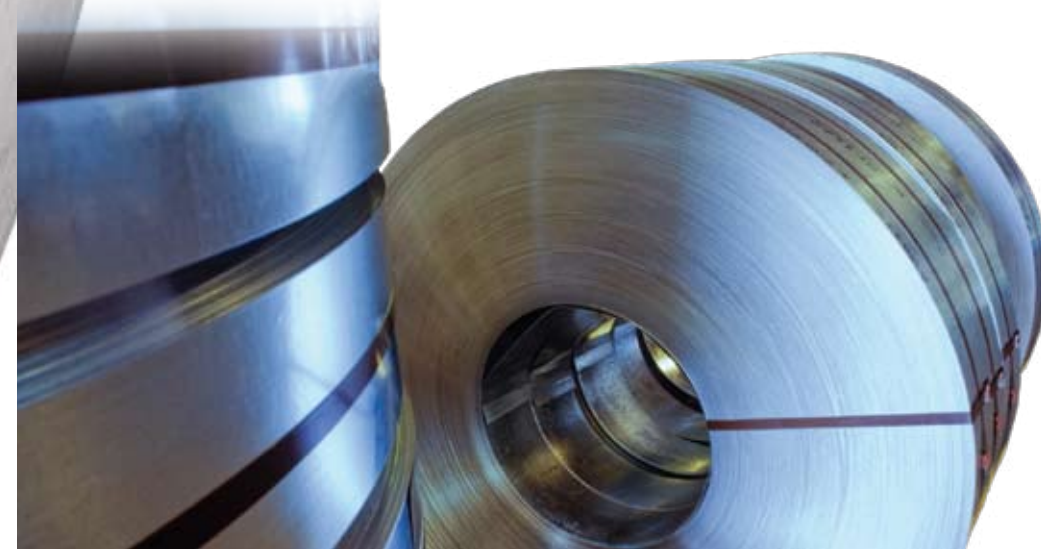
Modeling Software

For intelligent shop operation...
Get more with less.

- Increase throughput without adding furnaces
- Improve mechanical properties, cleanliness, and reduce sticker breaks
- Minimize energy consumption and carbon emissions
- Any atmosphere, configuration, or brand of bell furnace

Annealed Products

- Low & high carbon steels
- High strength steel
- Interstitial free
- Bake hardenable steel
- Steels for tin plating
- Motor lamination steel
- Stainless steel
- Copper, brasses, bronzes, other copper-based alloys



SUPPORT

Complete support to establish and grow your annealing facilities, with you through all phases of the project:

- Plant Concept & Design
- Facility & Equipment Engineering
- Facility & Equipment Construction
- Installation & Commissioning
- Plant Operation & Maintenance

PRESIDENTIAL E-AWARD

RAD-CON's worldwide references and global reach were recognized by the U.S. Commerce Department in 2010 with the Presidential E-Award.



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