

# High Quality Steel Strip and Sheet | with Praxair Furnace and Pot Roll Coatings

## The Solution

Praxair Surface Technologies provides superior quality, high-value solutions for a wide range of applications in the steel processing industry.

Our industry-leading coatings prolong high quality production while, reducing costs associated with oxide pickup, dross adhesion, corrosion, abrasive wear, profile loss, slippage, and other wear-related challenges inherent in steel processing. Praxair's wear- and corrosion-resistant coatings create and maintain the optimum surface and surface roughness to extend the service life of critical rolls and prevent unplanned outages.

## Coatings for Hot Dip Line Pot Hardware

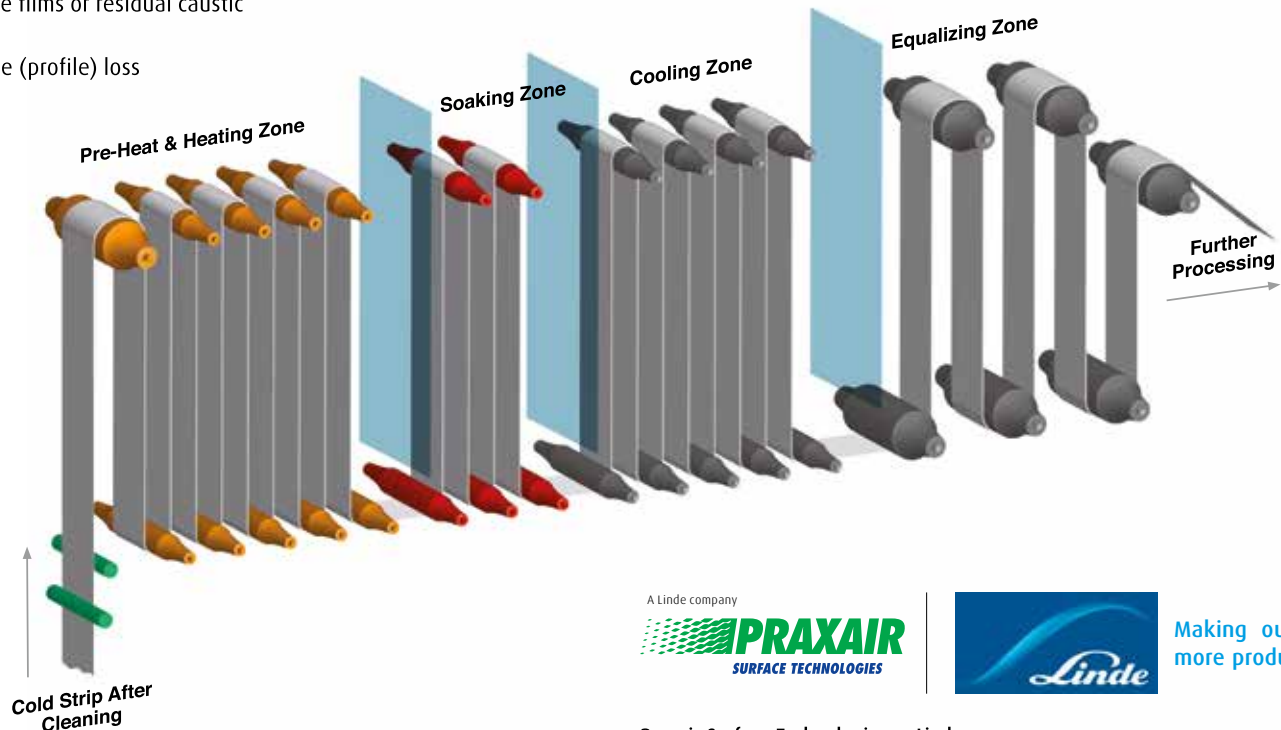
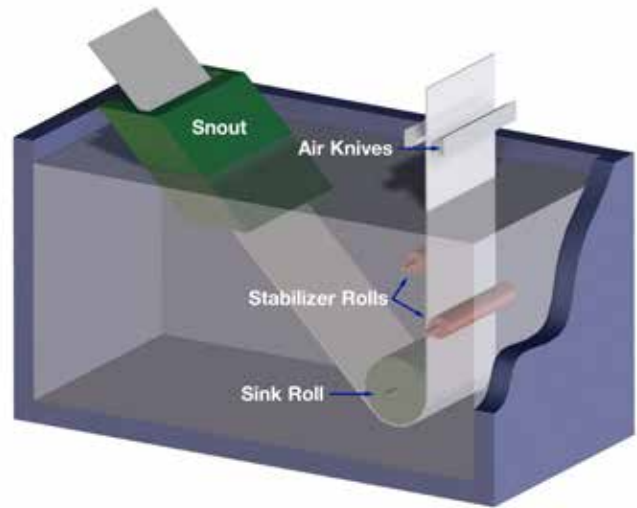
**Sink, Stabilizer, and Correcting Rolls** – Carbide- and ceramic-based thermal spray coatings prevent molten metal attack and dross buildup on roll faces.

**Laser Clad Sleeves** – Carbide-based laser weld overlays on journal sleeves form a metallurgical bond that provides resistance to wear and corrosion.

## Coatings for Annealing Line Furnace Rolls

Our coatings reduce pickup and scratches from:

- Excessive iron fines
- Thin oxide films or residual caustic
- Slippage
- Roll shape (profile) loss



Making our world  
more productive

Praxair Surface Technologies, a Linde company  
1500 Polco Street, Indianapolis, IN 46222  
Phone +1 317 240 2500, Fax +1 317 240 2255  
www.praxairsurfacetechologies.com, psti-info@praxair.com  
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