

IRON AND STEEL PROCESS HEATING

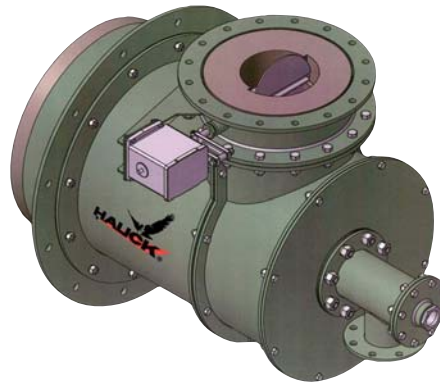
Products and Expertise



Reheating

- TriOx
 - Ultra low NOx burner
- Ecomax
 - Self-recuperative burner
- BBC
 - Combination fuel burner

Reheating



TriOx

- Ultra low NOx emissions of 20 ppm or less
- Low CO emissions even on cold start
- Invisiflame® mode offers visible flame throughout entire operating range
- Designed for low excess air operation (5%)
- Cold or preheated air up to 1500°F (815°C)

Ecomax

- Low NOx self-recuperative design
- Efficiencies up to 70% for maximum fuel savings
- Eductor capable of 100% exhaust gas removal
- Air preheat up to 1490°F (810°C)
- Heat resistant silicon carbide combustor and cast alloy recuperator



Continuous Annealing

- Ecomax
 - Self-recuperative burner
- RTG/Radimax
 - Radiant tuber burner and recuperator

BBC

- Combination fuel burner designed for use with natural gas, coke gas, mixed gases, #2 oil and heavy oil
- Low pressure air operation
- Highly reliable, durable design
- Available in complete packaged versions with air and fuel manifolds
- Preheated air versions to 900°F (480°C)



**HAUCK MANUFACTURING
COMPANY**

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Combustion Excellence Since 1888



Continuous Annealing



RTG Burners

- Preheated air operation to 700°F (370°C)
- Flame length control
- Air/Fuel premix adjustment
- Uniform tube heating
- Pair with Hauck's Radimax recuperator for maximum fuel efficiency.

Radimax Recuperators

- Finned, cast stainless steel recuperator assembly for maximum heat transfer
- Multiple independent orientation of preheated air and exhaust gas outlets
- Increased efficiency and fuel savings
- Low air and exhaust pressure drop
- Preheated air temperatures up to 950°F (510°C)

