

ALUMINUM PROCESS HEATING



Products and Expertise

Melting

- TriOx Burners
 - Provides low NOx with best available fuel savings
- HM Burners
 - Improved BTU/# Melt efficiency using cold or preheated combustion air
- RKG Burners
 - Roof firing of dry hearth

Holding

- SVG/SVC and EJC Burners
 - High velocity holding efficiency
- WHG Burners
 - Stable at low excess air
- WHI Burners
 - Flat flame AND low NOx

Solution Heat Treating

- NEW Jet Air Gas (JAG) Burner
 - Flame protection tube with furnace atmosphere recirculation
- RTG Burners
 - Radiant tube burners with Radimax plug-in recuperators for indirect firing

**HAUCK MANUFACTURING
COMPANY**

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TriOx

- Ultra low NOx emissions of 20 ppm or less
- 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)

HM Burners



- Low pressure air for oil atomization
- Preheated air to 800°F (425°C) or 1200°F (650°C)
- Modular design permits quick furnace access



- Burns most gaseous fuels and No. 2 oil

- High convective heat transfer
- Designed for long life with minimum maintenance



RKG

- Compact ball-shaped flame produces even heating
- Stable operation at ratio in cold furnace
- Roof or sidewall mounting
- Preheated air up to 800°F (425°C)
- Immediate ramping to high fire reduces furnace heat-up time
- Minimum distance requirement from burner to load

Combustion Excellence Since 1888

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PRODUCTS AND EXPERTISE



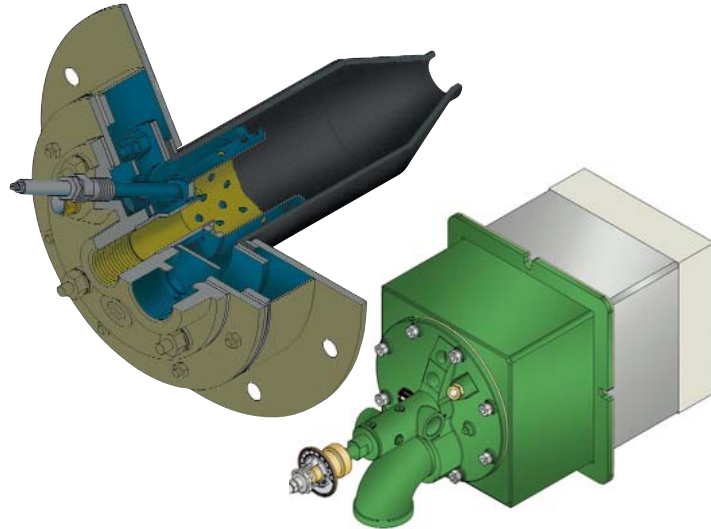
SVG/SVC

SVG

- Widest range of performance capabilities available in the industry
- High and medium velocity models
- Refractory, ceramic, and alloy tile options
- Exit velocities up to 570 ft/sec (170 m/sec),
- Low emissions (NO_x, VOCs, aldehydes)

SVC

- Combination gas/oil flexibility
- Excellent stability firing gas or oil



EJC

- Operates on gas, oil or a combination of fuels
- Simple design for low maintenance operation
- Wide turndown
- High velocity recirculation of furnace gases for maximum heat transfer and temperature uniformity



WHG

- Flat flame profile throughout firing range
- Direct spark or gas pilot ignition
- Stable operation at ratio in cold furnace
- UV or flame rod flame supervision
- Preheated air up to 800°F (425°C)
- Even heat distribution with no flame impingement