

RADIANT ENERGY SYSTEMS, INC.

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Tel: 973-423-5220 ~ Fax: 973-423-5228

EXCELLENCE IN PROCESS HEATING™

Application Solutions for the Paint Finishing Industry

Providing Heat Processing Solutions



for Manufacturers



and OEM's



For Drying and
Curing Paints and
Powder Coating



WWW.RADIANTENERGY.COM

**SHORT WAVE LENGTH
INFRARED HEATER SYSTEM**



- Curing Powder Coatings on Various Products

**CONVEYORIZED INFRARED POWDER
COAT GEL OVEN**



- SF Infrared Oven with a Flat Wire Belt Conveyor System

**GAS FIRED CATALYTIC HEATERS FOR
PRE-HEATING / PRE-DRYING**



- Closed Loop Temperature Control
- Heater Spacing Easily Adjustable
- Excellent for Pre-heating / Pre-drying

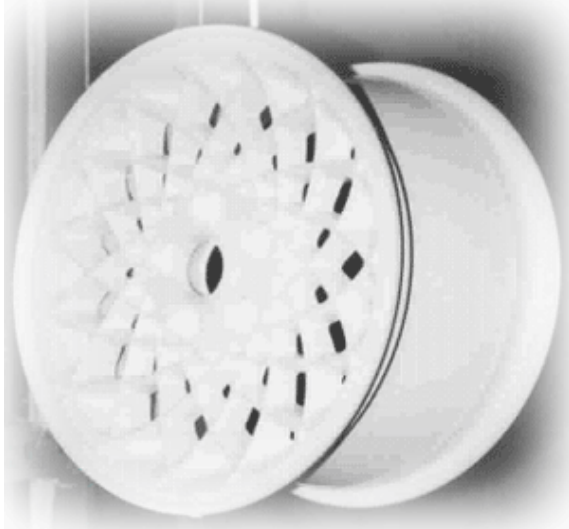
**OVERHEAD CONVEYOR INFRARED
POWDER COAT PREHEAT/BOOST OVEN**



- Large parts for construction machinery
- Improved finish on the coating
- Increased line speed

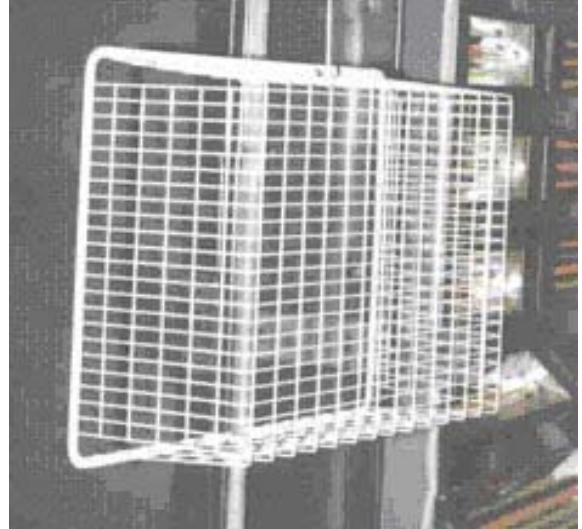
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**CURE POWDER COATINGS ON AN
AUTOMOBILE WHEEL**



- Heater Setting – Top 80%, Center 90%, Bottom 90%
- Cure Time – 9 minutes
- Part Temperature - 340° F Average

**CURE POWDER COATING ON WIRE
BASKETS**



- Heater Setting – Top 70%, Center 80%, Bottom 90%
- Cure Time – 4 minutes

CURE POWDER COATING ON A LARGE SHEET METAL BOX



- Cure Time – 3 1/2 minutes
- Part Temperature - 350° F Average

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**GAS FIRED INFRARED HEATERS FOR
CURING POWDER COATING ON A
HORIZONTAL WEB**



- Line Speed – 50 fpm Max.
- Cure Temperature - 400° F
- Heated Length – 6 Ft. (spread over 30 Ft.)

**CURING POWDER COATINGS
ON FABRICATED STEEL & ALUMINUM
PARTS**



- Line Speed – 4 fpm
- Cure Temperature - 400° F
- 3 Zone
- 16 ft. long Electric Infrared Oven

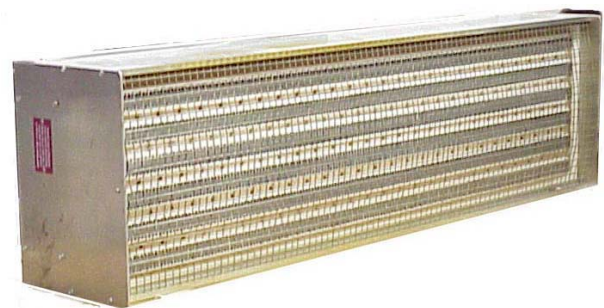
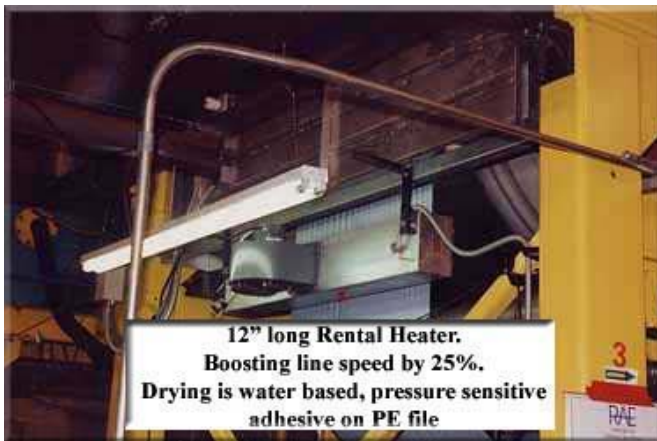
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FEATURED HIGHLIGHTS

Radiant Energy Systems, Inc. offers a Heater Rental Program which includes a Heater, Control Panel, and Blower.

▶ Visit us at: www.radiantenergy.com/serv.htm for more information.

We offer Infrared-Air Line Speed Boosters for higher-line speeds. Rental systems can serve an immediate customer need or enable customers to evaluate system operation with their production processes, at their facility, prior to making a purchase commitment.



- Single Panel SFA Heater



- High Intensity Bulb Heater
- Short Wave Length
- T-3 Lamp Heater Panel



- SFA Heater
- Fast heat up & cool down
- Medium Wave Length
- IR & Air Improves Drying