



Catalytic Industrial Systems

World Class OEMs in Every Sector Choose CIS Oven Technology



- Infrared Cure Ovens • Combination Infrared / Convection Ovens
- Dry Off Ovens • Convection Ovens • Catalytic IR Powder Gel / Ramp-up

Infrared Ramp Section for Caterpillar

Caterpillar designs and builds the world’s most powerful, innovative and durable machines and engines. The company has repeatedly chosen Catalytic Industrial oven technology for its liquid and powder coating systems worldwide.

Most recently, CIS engineered and built a 40' infrared ramp section for the powder oven at Caterpillar in Athens, GA. The facility manufactures Cat® mini hydraulic excavators and small track-type tractors. The oven is a “combination” system with both infrared gel and convection sections to achieve a perfect cure.

Pro-Steel Chooses CIS Gas Catalytic IR

Pro-Steel Inc. (Ft. Worth, TX) supplies professionals and home landscapers with the strongest and longest lasting steel edging products available. Its products are sold through landscape supply distributors, garden supply retailers and landscape contractors.

Pro-Steel edging systems are powder coated 1/8" steel, a feature the company views as a competitive advantage. When an IR gel section was needed for an existing convection oven, **Pro-Steel chose CIS gas catalytic infrared technology.** The CIS infrared gel section allows the entire component to be cured at a uniform temperature, producing exceptional consistency in color and gloss.

CIS Convection Oven Chosen by Hol-Mac

Hol-Mac is a specialty steel fabrication company with five facilities and more than 600,000 sq. ft. of dedicated manufacturing space. The company has more than 50 years’ experience in standard and custom product fabrication and value-added services.

Hol-Mac has purchased multiple CIS convection ovens and infrared systems over time for the fast, efficient cure of liquid and powder coatings. Recently, CIS designed and built a 26' convection cure oven for automotive bumpers that were powder coated.

Great Dane Selects CIS Infrared Oven

Great Dane is the world’s most recognized trailer manufacturer. It is the leading manufacturer of high-performance commercial transportation equipment, including dry and refrigerated trailers and truck bodies, and platform trailers.

For its Elysburg, PA manufacturing facility, **Great Dane purchased a 10' CIS infrared batch oven** to cure solvent-based liquid finishes applied to semi-truck trailer frames.

Catalytic has more than 50 years’ experience in building batch and continuous infrared curing ovens for companies who demand a flawless, uniform paint cure.

CIS Powder Cure Chosen by NPS

Northern Plains Steel ("NPS") a division of Owen Industries, is a warehouse and metals processing facility, supplying OEMs with raw steel and manufactured parts. Its fabrication specialties include bending, rolling, plasma and laser cutting, drilling, shearing and powder coating.

NPS purchased two infrared sections engineered and built by Catalytic Industrial as retrofits for combination ovens. The first is a 13' infrared gel section for powder prime coat; the other is a 19' infrared booster section for powder top coat. The ovens cure powders applied to steel parts fabricated for the ag, railcar and automotive industries.

Energy Saving Ovens at Hol-Mac

Hol-Mac is a major supplier of welded steel fabrications, contract machining, and assembly services to major OEMs. One of their five facilities in Bay Springs, MS is dedicated solely to the production of hydraulic and pneumatic cylinders.

Hol-Mac has repeatedly chosen CIS energy saving ovens to cure powder and liquid finishes. Most recently, CIS engineered and built a 50' infrared cure oven for aluminum cylinders that have been paint or powder coated.

Hubbardton Forge Chooses CIS Full Cure Oven

Hubbardton Forge is one of the country's oldest and largest commercial forges. It is also one of the most respected brands in the lighting industry for trend-setting designs, uncompromising quality, and commitment to the environment.

Hubbardton Forge purchased a 17' full cure oven from Catalytic Industrial for powder coated light fixtures. Hubbardton Forge backs its lighting with a warranty that is good for the lifetime of the purchaser, so the ability to achieve a consistently excellent cured film was critical to Hubbardton's selection of CIS technology.

AAON Selects CIS Infrared Oven

AAON Heating and Cooling Products (Tulsa, OK) manufactures air conditioning and heating equipment, including rooftop units, chillers, mechanical rooms, air handling units, energy recovery units, and geothermal heat pumps.

To cure its liquid finishes, AAON chose a 16' Catalytic Infrared full cure oven. Catalytic Industrial Systems has more than a half-century of experience with advanced IR curing technology.

For more project files, visit: bit.ly/2dPPjA4

Our Catalytic Alliance Partners

Bruest Catalytic Heaters
Catalytic Drying Technologies



Certificate number:
BRI 07 ATEX 006
Production mark:
CE 1418 II 2 G
(Propane, Butane, Methane)

Certificate number:
BRI Nr. Ex-07 Y. 007
Production mark:
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(Propane, Butane, Methane)



Catalytic Industrial Systems

713 N. 20th Street, PO Box 827, Independence, KS 67301
www.catalyticirovens.com, (800) 835-0557

DALE HOLROYD
Executive Vice President
Ext. 105
dale@cat-group.com

DON SMITH
Sales/Marketing Specialist
Ext. 108
don@cat-group.com

HEATHER MARTIN
Exec. Asst. Sales/Marketing
Ext. 106
heather@cat-group.com

DWIGHT CODA
Test Lab / Project Manager
Ext. 153
dwright@cat-group.com

BRUCE BROOKS
Manager of Engineering
Ext. 158
bruce@cat-group.com

DANNY HARRIS
Controls Engineer/ Svc. Tech.
Ext. 136
danny@cat-group.com