

TITAN CATALYTIC

#1 GAS CATALYTIC IR HEATERS & OVENS

TITAN-Catalytic ovens are expertly designed to save space, reduce energy costs, and exceed industry standards.

- ✓ Heaters & Catalytic Ovens
- ✓ Dry-Off Ovens
- ✓ Pre-Gel/ Booster
- ✓ Pre-Heat Ovens
- ✓ Full Cure Ovens
- ✓ Heater Refurbishment

SAVE MONEY, TIME, AND ENERGY
WITH TITAN-CATALYTIC



TITAN-CATALYTIC.COM



INFO@TITAN-CATALYTIC.COM



(860)845-8179

FLAMELESS HEATING TECHNOLOGY

The TITAN system provides a combination of high heat output and control that generates even heat, extracting the full BTU value *without a flame*. Ideal for curing heat-sensitive substrates.

A SOLUTION FOR YOUR CURING NEEDS

A leading provider of gas infrared catalytic heaters, ovens, and multi-OEM heater repairs & refurbishments.





THE LATEST IN

CATALYTIC HEATING TECHNOLOGY

TITAN's Infrared catalytic technology delivers maximum performance and efficiency while consuming minimal energy. For a broad range of curing needs, TITAN-Catalytic is the perfect solution!

THE MOST EFFICIENT GAS
CATALYTIC IR EQUIPMENT
FOR THE FINISHING INDUSTRY

The utilization of infrared heat offers numerous advantages, including time and space efficiency, energy conservation, and cost reduction. Complimented with a flameless heating technology, TITAN's equipment provides both a high heat output and control, which generates even heat ideal for curing heat-sensitive substrates that extracts the full BTU value *without a flame*.

One of the key highlights of TITAN-Catalytic's infrared technology is its application in IR curing ovens. Unlike traditional convection ovens, these infrared ovens enable rapid heat transfer through IR energy waves directly to the coating or part. This efficient process significantly reduces curing time and enhances overall productivity. By directly heating the coated part surface, TITAN-Catalytic ovens eliminate the need to heat the entire substrate or the surrounding air, resulting in substantial energy savings and improved process efficiency.

50% REDUCTION
IN UTILITY COSTS

66% REDUCTION
IN CURE TIME

45% REDUCTION
IN FOOTPRINT

WHY TITAN?



UL-508A Certified Control Panel Fabricator, with all panels built in-house, UL-Labeled, and serviced by our trained Technicians.



In-house PLC and HMI Touchscreen Programming across multiple platforms.



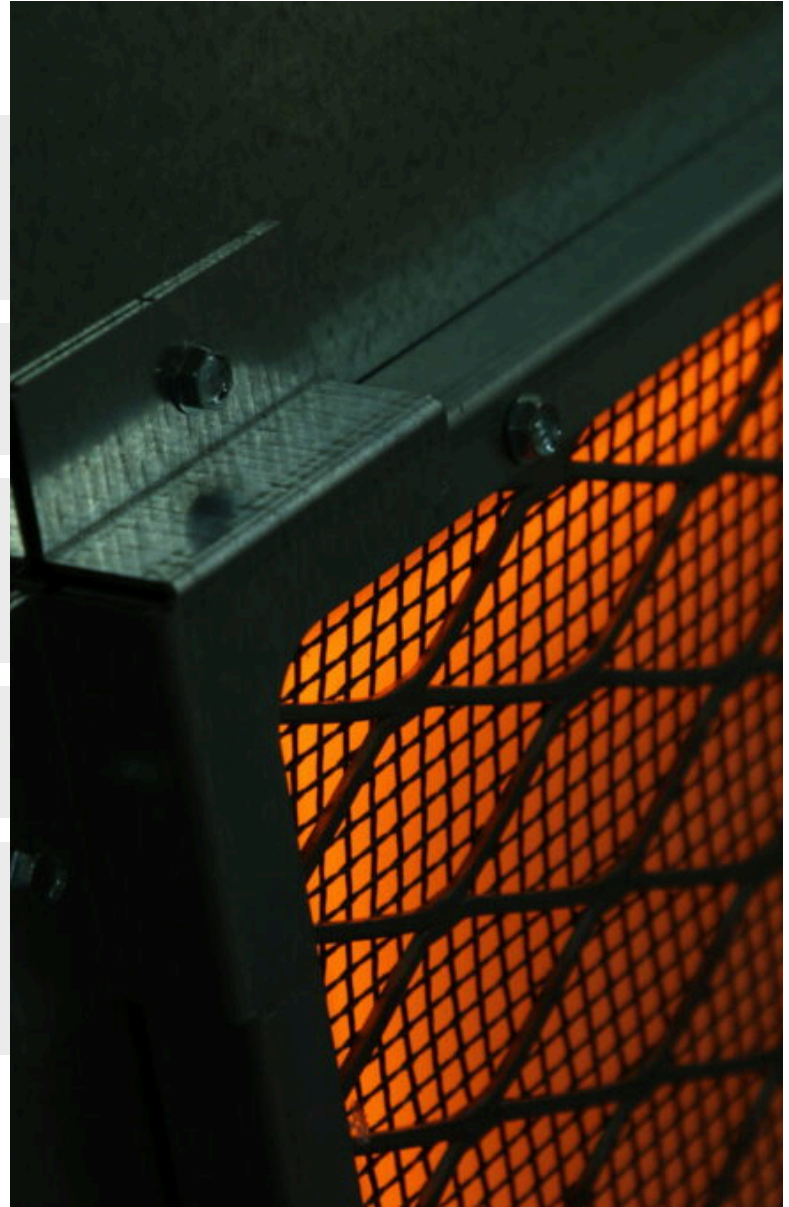
Zone Control Modules from entrance to exit and top to bottom to eliminate part temperature inconsistencies.



25 years of Catalytic applications in the Finishing Industry, with systems installed on 6 continents.



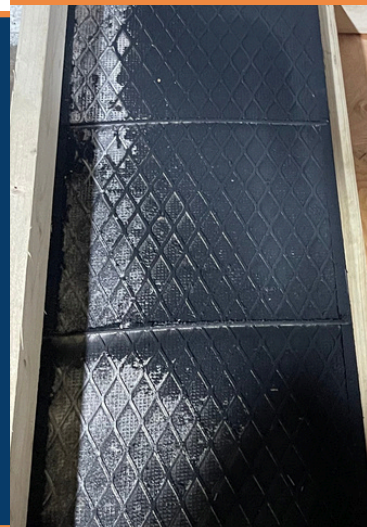
8-man team with over 125 years of combined Gas Fired Catalytic IR application experience with in-house gas management and fabrication of Valve Trains.



REFURBISHMENT SERVICES

At TITAN, we offer a range of refurbishment services, including platinum catalytic pad and preheat element replacement for both TITAN heaters and other manufacturers. By utilizing our repair services, you can restore your heater to its original specifications. We recommend having these repairs done in-house to ensure proper testing and specifications. However, if the customer so chooses, we can send the parts for on-site rebuilding, provided they have the necessary skills. In special cases, one of our technicians can be dispatched to complete the refurbishment in the field upon request.

BEFORE



AFTER



WWW.TITAN-CATALYTIC.COM



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TITAN CATALYTIC



**HEATER AND
COMPONENT
SYSTEM KITS**



**MULTI-OEM
REPAIR AND
REFURBISHMENT**



**PAINT AND
POWDER
FINISHING LINES**



**COMPLETE
CUSTOM
OVENS**

CONTACT

Our System Specialists can apply our spray and cure process to your parts and send them back to you for inspection. Get in touch to learn more about our equipment and complimentary testing facility!



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