



GLOBAL
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SOLUTIONS

Liquid2powder

Painting System and Handling

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www.liquid2powder.com

BATCH POWDER OVEN

Precision engineered for small- to medium-sized batch powder coating applications, the Batch Powder Oven from Global Finishing Solutions® (GFS) delivers consistent, high-quality finishes. Excellent heat distribution in the GFS Batch Powder Oven enables it to get up to temperature quickly, resulting in shorter cycle times and increased throughput. Available in a range of pre-engineered sizes and options, the GFS Batch Powder Oven is designed to meet your budget and lead time expectations, without compromising on quality.



EXCEPTIONAL TEMPERATURE UNIFORMITY

With exceptional temperature uniformity and lower air change rates, the Batch Powder Oven from GFS is specifically designed for batch powder coating applications – ensuring high-quality powder finishes, while preventing powder from blowing off parts.

QUICK HEAT-UP & RECOVERY RATES

The air delivery system in GFS Batch Powder Ovens provides excellent heat distribution, enabling the oven to get up to temperature quickly. Quick heat-up and recovery rates allow for shorter cycle times, resulting in increased throughput.

PRE-ENGINEERED SOLUTIONS

Designed to meet your budget and quality expectations, GFS Batch Powder Ovens are available in a number of pre-engineered sizes, features and options. By eliminating the need to custom engineer every oven, we can provide you with the flexibility and quality you need, fast.

DESIGNED & BUILT TO LAST

Precision engineered and manufactured of heavy-duty materials, GFS Batch Powder Ovens are designed to last many years of heavy use. A vertical manufacturer, the majority of the components of our Batch Powder Oven are built or assembled in our facility, ensuring all components meet our quality standards and integrate seamlessly into the product.

CODE COMPLIANCE

GFS Batch Powder Ovens are engineered to meet the safety requirements of NFPA 86, Standard for Ovens and Furnaces, so you can more easily achieve any necessary equipment permits and stamped drawings, while ensuring employee safety.



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STANDARD FEATURES

- Steel support structure with trouble-free, bolt-together assembly
- Four-inch insulated panels made from 20-gauge aluminized steel with four-pound, heavy-duty mineral wool batt
- Built-in, adjustable uni-flow air distribution tabs for temperature uniformity
- Converge control panel
- Direct gas-fired burner, operating on natural gas or propane
- Roof-mounted heater box
- Standard temperature range: 300-500 degrees Fahrenheit

OPTIONS

- Drive-thru
- Rear-mounted heater box
- Control panel upgrade (INSIGHT or Proven)
- Electric heating
- Six-inch insulated panels

CONTROL PANEL COMPARISON

	Converge	INSIGHT	Proven
UL 508A Listed	Yes	Yes	Yes
Type 12 Rated Enclosure ¹	Standard	Standard	Standard
Remote Operator Interface Terminal ²	Standard	Standard	Standard
Controller Manufacturer	Future Design	Siemens	Allen-Bradley
Human Machine Interface (HMI)	4.3-inch color touch screen ³	7-inch color touch screen	7-inch color touch screen (10-inch optional)
Displays Oven Status, Process Temp & Set Point	Standard	Standard	Standard
Customization	No	Yes	Limited
Recipes/Programs	Standard	Optional	Optional
Intuitive Troubleshooting	No	Alarm Code Readout	Alarm Code Readout

1. Factory modified. Derated to Type 1.
2. Type 1 remote operator interface for Converge and INSIGHT, Type 12 for Proven.
3. Temperature control only