

HIX GRAPHICS

HIX Premier

HG Gas Graphics Dryers



HIX Premier® HG Series

HIX® Corporation first began designing, engineering, and manufacturing high quality conveyor dryers for the graphics industry over 60 years ago. Our name is synonymous with quality, and we're the benchmark that all other dryer manufacturers have tried to match.

We continue to evaluate the graphics industry and the needs of our customers to make sure we provide the most durable, energy efficient, and modern products available.

Through the years our dryers have been used in literally thousands of screen-printing shops around the world and even today we get calls from customers that are still using our dryers that are 20, 25, even 30 years old. That in itself is the ultimate testimony to the quality of the products we manufacture.

If high production and cost efficiency are requirements for your business, the HIX® Premier® HG gas conveyor dryers are the solution. Each dryer has been engineered with a highly efficient gas burner and recirculating air system that



Features:

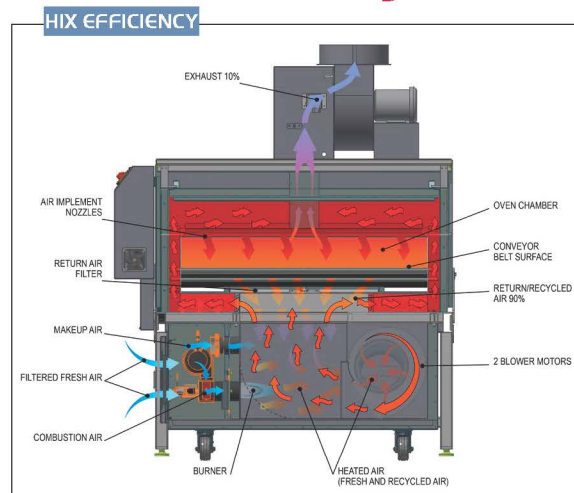
- HIX factory-designed and manufactured to UL-795 safety standards.
- Airflow-optimized heat chamber creates an evenly distributed, continuous, high-velocity air impingement for rapid drying and curing.
- High-resolution gas modulating valve is capable of achieving a very accurate temperature range of +/- 5F.
- Fresh air combustion minimizes the NO and CO-emissions and provides a more efficient combustion.
- Safety controls include a high-temperature limit switch, combustion air proving switch, exhaust air flow proving switch, and recirculating air flow proving switch.
- Side-mounted control panel includes a digital temperature controller, digital belt speed controller, emergency power switch, and diagnostic indicator lights for the combustion air, exhaust air, and high-temperature circuit proving switches.
- Interior heat chambers are manufactured with corrosion-resistant galvanized steel, safe from moisture, chemicals and corrosive volatile vapors and inks.
- Easy access to filters for cleaning and removable top panels for easy maintenance.

Gas Graphics Dryers

recycles up to 90% of the heated air to maintain a precise, consistent oven temperature while consuming less energy.

The HG series of gas dryers are designed for all types of screen print and DTG inks and virtually any substrate. The variable air speed controller, digital temperature controller, and belt speed controller provide total control over the dryer's process settings.

With belt widths from 36" to 72" and dryer lengths up to 20 feet, production rates of up to 800 garments per hour are achievable making the HIX Premier HG gas dryer the perfect companion to manual, automated, and DTG printers.



Premier® HG-4820 Graphic Dryer
with 2' In/Out Feed

*Shown with optional
Wheel Kit*

Specifications:

PREMIER® HG GAS DRYERS	PREMIER® HG-3612	PREMIER® HG-4818	PREMIER® HG-6020	PREMIER® HG-7220
Belt width (inch)	36"	48"	60"	72"
Total length (feet)	12'	18'	20'	20'
Oven length (inch)	72"	96"	132"	132"
Voltage/phase	120V/220V/1PH	220V/3PH	220V/3PH	220V/3PH
Amp	5-8A	10A	10A	10A
BTU	39,000-85,000	100,000-250,000	100,000-250,000	100,000-275,000
Recirculating airflow (cfm)	1,000	3,500	3,500	3,500
Exhaust airflow (cfm)	450	1,000	1,000	1,000
Gas Line Inlet Diameter (Inch)	3/4"	1/2"	1/2"	1/2"
Gas Pressure Requirement	7" WC	Min - 8" WC/Max - 2 PSI	Min - 8" WC/Max - 2 PSI	Min - 8" WC/Max - 2 PSI
Production estimate (#/hr) ¹	(1 wide)	(2 wide)	(2 wide)	(3 wide)
Textiles (60 - 90 s)	210 - 140	550 - 370	760 - 500	1,130 - 750
DTG (pretreat / white / dark)	210 / 110 / 55	550 / 275 / 140	760 / 380 / 190	1,130 / 570 / 285

¹ Estimates based on 15" x 15" print occupying a belt space of about 20" x 20". For Textile applications of 60 or 90 seconds curing time for waterbase & plastisol inks. For DTG applications of 60 seconds (pretreat), 2 minutes (white), or 4 minutes (dark).

Note: Actual output will depend on substrate retention time in the oven, print size, and efficiency of operator. These are production estimates only.



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Pricing & specifications subject to change without notice.

All items will be subject to a minimum 25% restocking fee. Claims for return or allowance must be made within 30 days of invoice date. All equipment must be unused with original packaging in new condition and is subject to inspection upon return. Purchaser is responsible for return shipment. Contact sales with questions regarding return of new items.

HIX® Corporation recommends all equipment is installed with surge protection and in a climate controlled environment for best results.



100% Made in the USA – HIX® has its own 110,000 sq ft manufacturing facility with its very own fully integrated aluminum foundry, metal laser cutter, CNC mill operations, welding, brake/ metal forming, wiring, fabrication, assembly, and packaging departments.