

# JET-STREAM™ G

## Modular Forced Air Gas Dryer



*Available with Optional Quartz or Gas Preheat*

### ADVANTAGES

- Heating chamber utilizes a preheat system with “bump” high-energy quartz tubes. Large volumes of air, jet air knives and a high efficiency gas train provide the most efficient curing of evaporative inks and coatings
- Solid-state independent temperature controls up to 350°F (177°C). Higher temperatures available
- Air flow system removes solvents or water while creating a negative air force to hold down stock on the conveyor
- Fresh air is delivered to the chamber in a steady, adjustable volume with up to 90% recycling
- Recirculating hoods on front and rear of dryer keep shop environment clean
- Easy access and service
- State-of-the-art safety system including restricted air flow alarm in case of clogged filters
- Clean up easily with permanent stainless-steel air filters
- Adjustable inlet to drying chamber for varied substrate thicknesses and for heat retention
- Even heat distribution
- Belt speed digital readout
- Double wall construction to keep heat in and outside surfaces cool to the touch
- Modular, expandable design
- Meets or exceeds US and international safety requirements
- Ambient temperature cooling chamber.

Designed for fast, efficient and precise curing/drying of evaporative inks, the Jet-Stream™ series of modular dryers was developed for a variety of substrates. Effective on vinyl, plastic, paper or glass, the modular design of the Jet-Stream allows you the flexibility to join two or more heating chambers to customize your drying process, at either the same or different temperatures.

The Jet-Stream dryers deliver just the right amount of heat and airflow, offering exceptional control over drying conditions.

A.W.T.'s success in drying, cooling and debris removal is achieved by offering a number of solutions for delivering air. One particular advantage is an exclusive airknife system which generates controllable streams of air for unmatched drying capability. To promote faster curing in the main heating chamber, quartz preheat “bump” zones quickly raise temperature to begin drying sooner. In turn, belt speed can then be increased for greater production output.

In addition to speed and finish quality, safety and service are never overlooked. If airflow becomes impeded, the heater elements automatically shut down to avoid substrate and belt damage, protecting your investment and your customer's order at the same time.

High output with a broad range of controls and options, the Jet-Streams are standout performers among forced-air dryers.



Manufactured by  
**A.W.T. World Trade Inc.**  
Division of The A.W.T. World Trade Group

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# JET-STREAM™ G

## Gas Heat For Fast Drying of Conventional Inks

### Specifications

Model No.	Conveyor Width	Conveyor Infeed	Heat Chamber	Cooling Chamber	Conveyor Outfeed	Expansion Chamber	Electrical *	BTU (Gas)
JSG-48HO	48" (122 cm)	5' (1.5 m)	10' (3.0 m)	8' (2.4 m)	2' (91.4 cm)	4' (1.2 m)	240 V, 3 Ph, 60 Hz	800,000
JSG-60HOGB	60" (152 cm)	5' (1.5 m)	10' (3.0 m)	8' (2.4 m)	2' (91.4 cm)	4' (1.2 m)	240 V, 3 Ph, 60 Hz	800,000
JSG-72HOGB	72" (183 cm)	5' (1.5 m)	10' (3.0 m)	8' (2.4 m)	2' (91.4 cm)	4' (1.2 m)	240 V, 3 Ph, 60 Hz	800,000
JSG-84HOGB	84" (213 cm)	5' (1.5 m)	10' (3.0 m)	8' (2.4 m)	2' (91.4 cm)	4' (1.2 m)	240 V, 3 Ph, 60 Hz	800,000

#### Main Burner Sections:

Catalog No.	Description
JSG-48HOGB	48" (1.2 m) 800,000 BTU Burner Section With Gas Controls, 2 Exhaust Caps, And 4' (1.2 m) Conveyor
JSG-60HOGB	60" (1.5 m) 800,000 BTU Burner Section With Gas Controls, 2 Exhaust Caps, And 4' (1.5 m) Conveyor
JSG-72HOGB	72" (1.8 m) 800,000 BTU Burner Section With Gas Controls, 2 Exhaust Caps, And 4' (1.8 m) Conveyor
JSG-84HOGB	84" (2.1 m) 400,000 BTU Burner Section With Gas Controls, 2 Exhaust Caps, And 4' (2.1 m) Conveyor

#### Additional Main Burner Sections with Controls Only:

Catalog No.	Description
JSG-48HOWC	48" (1.2 m) 800,000 BTU Burner Section With Controls
JSG-60HOWC	60" (1.5 m) 800,000 BTU Burner Section With Controls
JSG-72HOWC	72" (1.8 m) 800,000 BTU Burner Section With Controls
JSG-84HOWC	84" (2.1 m) 400,000 BTU Burner Section With Controls

#### Extra Dryer Chamber Sections Only

Catalog No.	Description
JSG-48HOGD	Extra 4' (1.2 m) Dryer Chamber Section Only - 48" (1.2 m) wide
JSG-60HOGD	Extra 4' (1.2 m) Dryer Chamber Section Only - 60" (1.5 m) wide
JSG-72HOGD	Extra 4' (1.2 m) Dryer Chamber Section Only - 72" (1.8 m) wide
JSG-84HOGD	Extra 4' (1.2 m) Dryer Chamber Section Only - 84" (2.1 m) wide

#### 8' (2.4 m) Cooling Sections

Catalog No.	Description
JSG-48HOC	8' (2.1 m) Cooling Section (Ambient Air) 48" (1.2 m) wide
JSG-60HOC	8' (2.1 m) Cooling Section (Ambient Air) 60" (1.5 m) wide
JSG-72HOC	8' (2.1 m) Cooling Section (Ambient Air) 72" (1.8 m) wide
JSG-84HOC	8' (2.1 m) Cooling Section (Ambient Air) 84" (2.1 m) wide

#### Preheat Sections

Catalog No.	Description
JSG-48HOGPH	High-Efficiency, High Energy Quartz Tube With Digital Readout, Pre-Heat 3 Lamp Section - 48" (1.2 m) wide
JSG-60HOGPH	High-Efficiency, High Energy Quartz Tube With Digital Readout, Pre-Heat 3 Lamp Section - 60" (1.5 m) wide
JSG-72HOGPH	High-Efficiency, High Energy Quartz Tube With Digital Readout, Pre-Heat 3 Lamp Section - 72" (1.8 m) wide
JSG-84HOGPH	High-Efficiency, High Energy Quartz Tube With Digital Readout, Pre-Heat 3 Lamp Section - 84" (2.1 m) wide

### Standard Features

- 800,000 BTU burner section for 48" (122 cm) to 72" (183 cm) units
- 400,000 BTU burner section for 84" (213 cm) unit only
- Solid-state independent temperature controls
- Minimum temperature 180°F (82°C) - Maximum temp. 250°F (122 °C) Other temp requirements available upon request
- Variable-speed conveyor drive with solid-state controls
- Quality Fiberlon™ conveyor belt guaranteed up to 500°F (260°C)
- Belt speed - minimum 2' (91.4 cm) per minute - maximum 32' (9.7 m) per minute
- Conveyor belt safety prevents deterioration
- High-temp adjustable chamber aperture doors conserve heat and allow easy access to dryer interior

- Easy-to-use control panel provides visual display of all operations
- Easily accessible gas burner system for maintenance and cleaning
- Heavy-duty - double-wall insulation. Outside surface stays cool to the touch. The heat is kept inside the dryer for high operational and cost efficiency
- Changeable air flow recirculation to fit your venting requirements with up to 90% recirculation
- Full safety alarms indicate constricted air flow from clogged filters, gas leaks or other operational failures
- Low gas, power consumption
- Variable speed air flow to control stock flutter
- Remote diagnostics via phone modem interface system
- UV ready - Just add A.W.T.'s optional Accu-Cure™UV dryer package

### Optional Features

- Gas Burner Upgrade Package For Lower Emissions/Cleaner Per Main Heating Section **JSG-GBU**
- High-Temperature Feature Up To 350° F (177° C) **JSG-HT**
- High-Temperature Option Up To 450° F (232° C) **JSG-HTO**

- High Belt Speed For U.V. Curing (Up to 90 Feet Per Minute) **JSG-UVB**
- Jet Stream Remote Diagnostic Service After 1st Year Unlimited Usage **JS-RD**
- Intelli-Guard Option Instant On/Off Of Quick System Complete With Sensor **JSG-IG**
- Spare Parts Package **JSG-SPP**
- Set of Belt Tracking Rollers **BTR2**



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# JET-STREAM™ / ACCU-CURE™ UV

## Modular Forced Air Dryer with UV Retrofit

### Combination Systems Available

To make a combination dryer, add UV to your Jet-Stream or existing dryer with A.W.T.'s Accu-Cure UV dryer retrofit package.

**Note:** Units do not include vacuum hold-down or exhaust system. Call for additional information.

The product of more than two decades of research and development, the Accu-Cure™ UV curing unit is a benchmark of UV technology. No other curing system offers its unique combination of operational controls and safety features and few, if any, perform at its level.



### Accu-Cure UV Retrofit Units

CATALOG NO.	LAMP SYSTEM	CURING WIDTH
AC-12	Single	12" (30 cm)
AC-24	Single	24" (61 cm)
AC-36	Single	36" (91 cm)
AC-48	Single	48" (122 cm)
AC-60	Single	60" (152 cm)
AC-72	Single	72" (183 cm)
AC-80	Single	80" (203 cm)
AC-100	Single	100" (254 cm)
ACD-12	Double	12" (30 cm)
ACD-24	Double	24" (61 cm)
ACD-36	Double	36" (91 cm)
ACD-48	Double	48" (122 cm)
ACD-60	Double	60" (152 cm)
ACD-72	Double	72" (183 cm)
ACD-80	Double	80" (203 cm)
ACD-100	Double	100" (254 cm)

### Accu-Cure Retrofit Features

- Repositionable curing head
- Ergonomic master control console
- Advanced-design light guards
- Removable reflector for easy cleaning
- Interlock safety controls
- Variable UV output of 100-, 200- and 300-watts-per-inch
- Accu-Beam™ UV reflector for consistent exposure values
- Quick-change UV lamps

### Accu-Cure Retrofit Options

- Transparent blue UV light shields
- Quartz polished glass for heat reduction
- UV radiometer/light output meter
- Dual-lamp units
- Choice of regular, iron-oxide or gallium lamps



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# THE A.W.T. WORLD TRADE GROUP

*Combining knowledge, expertise, creativity, outstanding engineering, quality and value to produce the finest equipment, parts, supplies, remanufacturing services and technical support system serving the screen printing industry.*

Building on more than 40 years experience in serving clients in the graphic, textile and industrial markets, the A.W.T. World Trade Group provides screen printers with a complete manufacturing source for screen print machinery, prepress and printing supplies, machine parts, and remanufactured equipment.

Experience shows that when printers use a single manufacturing source, costly incompatibility problems between equipment lines and suppliers are greatly reduced. A.W.T. develops complete systems that work efficiently and economically to avoid printing errors, reduce downtime, and keep you profitable.

Our technical sales staff will make sure you choose the right system for your company's needs, delivering the performance you require at a cost within your budget. Industry experts in both technical support and service will walk you through the installation and setup process for maximum productivity right from the start.

The A.W.T. World Trade Group was formed in 2002 when A.W.T. World Trade Inc. and Graphics Parts International Inc. acquired American Screen Printing Equipment. The group has further expanded its range with the startup of Specialized Safety Products. In 2008, the acquisition of General Cylinder Presses in 2010 and the acquisition of Saturn Racks in 2011.



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