JET-STREAM™ E

Expandable, Forced-Air, Modular, High-Output Graphic Dryer

Available with Optional Quartz Preheat

ADVANTAGES

- 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 exeptional 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
4321 N. Knox Avenue • Chicago, IL 60641 USA
773.777.7100 • Fax: 773.777.0909
sales@awt-gpi.com • www.awt-gpi.com

JET-STREAM™ E

Modular Forced-Air Dryer

Standard Features

- Remote diagnostics via phone modem interface system
- 6,000 CFM circulation blower
- Solid-state independent temperature controls
- Minimum temperature 140°F (60°C) - Maximum temp 250°F (122°C). Other temperature requirements available upon request
- Variable-speed conveyor drive with solid-state controls
- High-Quality Fiberlon™ conveyor belt guaranteed up to 500°F (260°C)
- Belt speed - minimum: 2' (91.4 cm) per minute - Maximum (9.7 m) per minute
- Conveyor belt safety prevents deterioration
- High-temp adjustable chamber aperture doors conserve heat and allow east access to dryer interior
- East-to-use control panel provides visual display of all operations
- Easily accessible filters and interior for maintenance and cleaning
- Heavy-duty, double-wall insulation. Outside surface stays cool to the touch. The heat is kept inside the dryer for hogh 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 or other operational failures
- Low power consumption
- Variable speed air flow to control stock flutter
- UV ready - Just add A.W.T's optional Accu-Cure UV dryer package
- East belt tracking
- Heat uniformity and stability for air flow throughout

Optional Features

- High-temperature feature up to 350°F (177°C) **JSE-HT**
- High-temperature option up to 450°F (232°C) **JSE-HTO**
- Spare parts package - 6o Hz **JSE-HTO**
- Set of belt racking rollers **BTR2**
- Remote Diagnostic package - After first year of unlimited use **JS-RD**
- 36" (91 cm) Stainless-steel lining insert upgrade **JSE-36HO12-SSU**
- 48" (1.2 m) Stainless-steel lining insert upgrade **JSE-48HO12-SSU**
- 60" (1.5 m) Stainless-steel lining insert upgrade **JSE-60HO12-SSU**
- 72" (1.8 m) Stainless-steel lining insert upgrade **JSE-72HO12-SSU**
- 84" (2.1 m) Stainless-steel lining insert upgrade **JSE-84HO12-SSU**
- Special airflow holddown for thin material 36" (91 cm) **JSE-36HOHD**
- Special airflow holddown for thin material 48" (1.2 m) **JSE-48HOHD**
- Special airflow holddown for thin material 60" (1.5 m) **JSE-60HOHD**
- Special airflow holddown for thin material 72" (1.8 m) **JSE-72HOHD**
- Special airflow holddown for thin material 84" (2.1 m) **JSE-84HOHD**
- **IRDC** Internet Remote Diagnostics connection

Specifications

MODEL NO.	CONVEYOR WIDTH	CONVEYOR INFEED	HEATING CHAMBER	COOLING CHAMBER	CONVEYOR OUTFEED	EXPANSION CHAMBER	ELECTRICAL
JSE-36HO5	36" (91 cm)	5' (1.5 m)	5' (1.5 m)	8' (2.4 m)	2' (91.4 cm)	4' (1.2 m)	230 V, 3 Ph, 60 Hz
JSE-36HO12	36" (91 cm)	5' (1.5 m)	10' (3 m)	8' (2.4 m)	2' (91.4 cm)	4' (1.2 m)	230 V, 3 Ph, 60 Hz
JSE-48HO12	48" (1.2 m)	5' (1.5 m)	10' (3 m)	8' (2.4 m)	2' (91.4 cm)	4' (1.2 m)	230 V, 3 Ph, 60 Hz
JSE-60HO12	60" (1.5 m)	5' (1.5 m)	10' (3 m)	8' (2.4 m)	2' (91.4 cm)	4' (1.2 m)	230 V, 3 Ph, 60 Hz
JSE-72HO12	72" (1.8 m)	5' (1.5 m)	10' (3 m)	8' (2.4 m)	2' (91.4 cm)	4' (1.2 m)	230 V, 3 Ph, 60 Hz
JSE-84HO12	84" (2.1 m)	5' (1.5 m)	10' (3 m)	8' (2.4 m)	2' (91.4 cm)	4' (1.2 m)	230 V, 3 Ph, 60 Hz

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JET-STREAM™ E

Electric Heat For Fast Drying of Coventional inks

Additional Main Electric Heat Sections with Controls Only:

CATALOG NO..	DESCRIPTION
JSE-36HOWC	4' (1.2 m) Heating section with controls - 36" (91 cm) wide
JSE-48HOWC	4' (1.2 m) Heating section with controls - 48" (1.2 m) wide
JSE-60HOWC	4' (1.2 m) Heating section with controls - 60" (1.5 m) wide
JSE-72HOWC	4' (1.2 m) Heating section with controls - 72" (1.8 m) wide
JSE-84HOWC	4' (1.2 m) Heating section with controls - 84" (2.1 m) wide

Extra Expansion Dryer Chamber Sections Only:

CATALOG NO.	DESCRIPTION
JSE-36HOGD	Extra 4' (1.2 m) Dryer chamber section only - 36" (91 cm) wide
JSE-48HOGD	Extra 4' (1.2 m) Dryer chamber section only - 48" (1.2 m) wide
JSE-60HOGD	Extra 4' (1.2 m) Dryer chamber section only - 60" (1.5 m) wide
JSE-72HOGD	Extra 4' (1.2 m) Dryer chamber section only - 72" (1.8 m) wide
JSE-84HOGD	Extra 4' (1.2 m) Dryer chamber section only - 84" (2.1 m) wide

8' (2.4 m) Cooling Sections

CATALOG NO.	DESCRIPTION
JSE-36HOC	8' (2.1 m) Cooling section (ambient air) 36" (91 cm) wide
JSE-48HOC	8' (2.1 m) Cooling section (ambient air) 48" (1.2 m) wide
JSE-60HOC	8' (2.1 m) Cooling section (a r) 60" (1.5 m) wide
JSE-72HOC	8' (2.1 m) Cooling section (ambient air) 72" (1.8 m) wide
JSE-84HOC	8' (2.1 m) Cooling section (ambient air) 84" (2.1 m) wide

Extra Conveyor Lengths

CATALOG NO.	DESCRIPTION
JSE-CONV36	Extra conveyor length 36" (91 cm) wide
JSE-CONV48	Extra conveyor length 48" (1.2 m) wide
JSE-CONV60	Extra conveyor length 60" (1.5 m) wide
JSE-CONV72	Extra conveyor length 72" (1.8 m) wide
JSE-CONV84	Extra conveyor length (2.1 m) wide

Pre-heat Sections

CATALOG NO.	DESCRIPTION
JSE-36HOGPH	High-efficiency, High-energy quartz tube with digital readout, pre-heat 3 lamp section - 36" (91 cm)
JSE-48HOGPH	High-efficiency, High-energy quartz tube with digital readout, pre-heat 3 lamp section - 48" (1.2 m)
JSE-60HOGPH	High-efficiency, High-energy quartz tube with digital readout, pre-heat 3 lamp section - 60" (1.5 m)
JSE-72HOGPH	High-efficiency, High-energy quartz tube with digital readout, pre-heat 3 lamp section - 72" (1.8 m)
JSE-84HOGPH	High-efficiency, High-energy quartz tube with digital readout, pre-heat 3 lamp section - 84" (2.1 m)

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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 developement, 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 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 raiometer/light output meter
- Dual-lamp units
- Choice of regular, iron-oxide or gallium lamps

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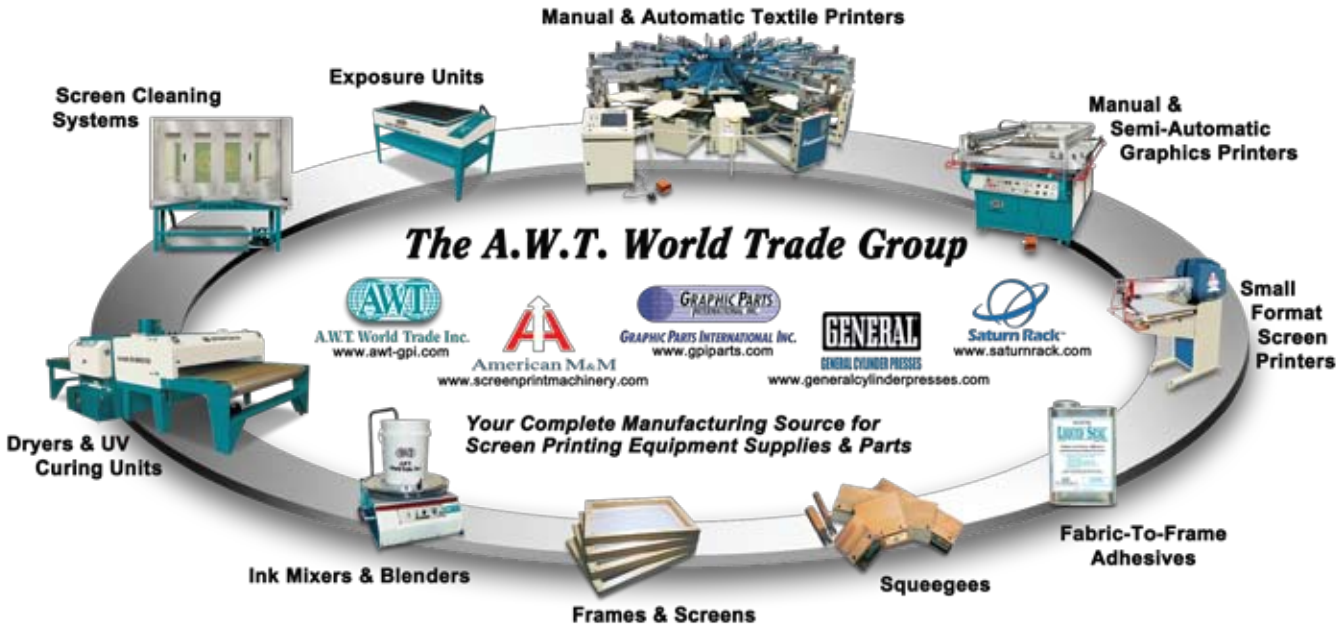
Jet-Stream™ / Accu-Cure™ UV

Modular Forced Air Dryer with UV Retrofit

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)



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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. aquired American Screen Printing Equipment. The group hasfurther expanded its range with the startup of Specialized Safety Products. in 2008, the aquisition of General Cylinder Presses in 2010 and the aquisition of Saturn Racks in 2011.

A.W.T. World Trade Inc.
awt-gpi.com

Graphic Parts International Inc.
gpiparts.com

Saturn Rack™
saturnrack.com

American M&M
screenprintmachinery.com

General Cylinder Presses
generalcylinderpresses.com

Your Complete Manufacturing Source for Screen Printing Equipment, Supplies and Parts

Corporate Headquarters and Manufacturing Facilities

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