

Cogent Technologies is an industry leader in the design and development and manufacture of UV curing and IR drying solutions. Our products are designed to meet a wide variety of process requirements in the printing and mailing industry.

The company's headquarters and manufacturing facility is located in Brooklyn Park, Minnesota. Initially established to develop infrared-based heating systems for the aerospace industry, our product offering has evolved into a wide variety of individual dryers, heaters and integrated heating systems and UV curing systems.

Whether it's one of our IR instantaneous infrared systems or our UV shutter-less system especially designed for mail bases, Cogent Technologies is committed to providing solutions to meet our customer's most demanding ink drying needs.

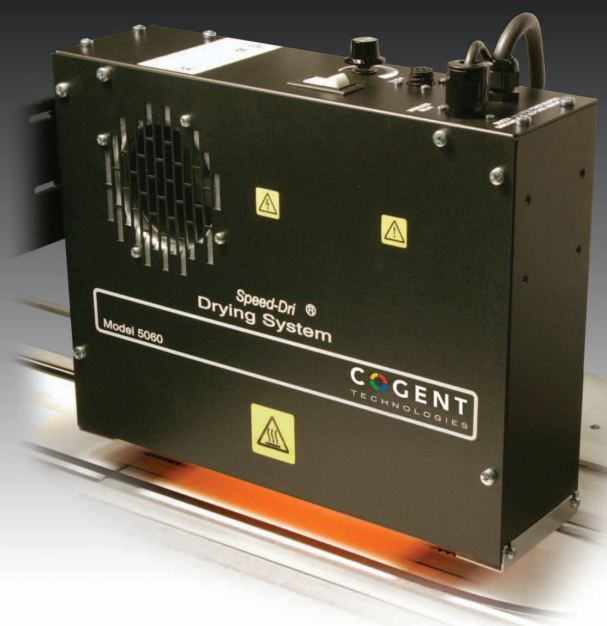
**Call Today To Discuss Your  
Application And Receive  
Additional Product Information:**

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**COGENT**  
TECHNOLOGIES

**7041 Boone Avenue  
Brooklyn Park, MN 55428**

# Increase Line Speeds With Infrared Dryers



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# Infrared Drying Faster Line Speeds



## Do you experience ink drying problems with ink jet printing?

Cogent Technologies has the solution with our Speed-Dri and Web-Dri infrared ink drying systems. They provide a combination of instantaneous infrared and convection technologies to dry ink printed on catalogs, direct mail pieces, foils, gloss stocks and packaging materials. Convection drying and either short-wave or medium-wave quartz lamps collectively break down the ink's boundary layer and evaporate all remaining liquids. Working with Cogent Technologies, you can choose from a wide range of drying capability so you get exactly what you need to maximize your productivity.

The Speed-Dri and Web-Dri systems will, on average, increase line speeds by a factor of four. That's why the following industry leaders have standardized with Speed-Dri for all their printing applications:



Designed for easy installation, low operation cost, and minimal maintenance, the systems are an economical solution for improving throughput resulting in increased profitability. It's easy to see why both the Speed-Dri and Web-Dri systems are the industry standard for faster ink drying! After all, exceptional companies use exceptional products.

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HP, Kodak Versamark, Inc., Buskro, Secap, Domino, Sure-Feed Engineering and Videojet are registered trademarks.

# Infrared Drying. Faster Line Speeds.

## **Speed-Dri** INFRARED DRYERS **MODEL 3620**



The Speed-Dri Model 3620 is an entry level dryer designed to dry ink printed on target areas up to 1" (25 mm) wide.

- Model 3620 has a lighted length of 10" (254 mm) and provides up to 2.0 kW of power
- Automatic heat adjustment is available using the optional Tachometer Input circuitry
- Heat adjustment is also available by using the optional potentiometer
- Transport interlock automatically cuts power to the system when the line stops

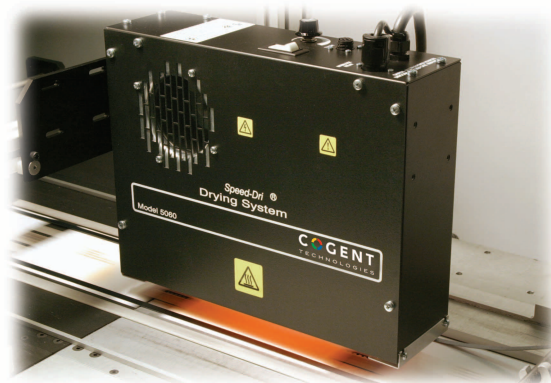
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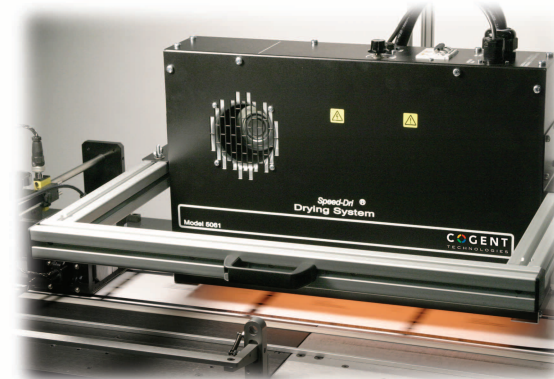
## **Speed-Dri** INFRARED DRYERS **MODEL 5060**

The Speed-Dri Model 5060, the most popular dryer on the market, is designed to dry ink printed on target areas up to 4" (102 mm) wide. Web speeds of up to 350 feet/min. can be achieved, depending on the application.

- Model 5060 has a lighted length of 10" (254 mm) and provides 4.0 kW of power
- Mounting hardware attaches easily to most mail bases and conveying systems
- For wider print areas, additional Model 5060 dryers can be placed side-by-side
- Automatic heat adjustment is available using the Tachometer Input circuitry
- Heat adjustment is also available by use of the manual potentiometer
- Transport interlock automatically cuts power to the system when the mail base stops
- The 5060 has CE, UL, and C-UL agency approvals



## **Speed-Dri** INFRARED DRYERS **MODEL 5061**



The Speed-Dri Model 5061 provides instantaneous infrared and convection technologies to dry ink printed on target areas up to 4" (102 mm) wide. Depending on the application, web speeds of up to 500 feet/min. can be achieved.

- Model 5061 has a lighted length of 16" (406 mm) and provides up to 9.4 kW of power
- Mounting hardware attaches easily to most mail bases and conveying systems
- For wider print areas, additional Model 5061 dryers can be placed side-by-side
- Automatic heat adjustment is available using the Tachometer Input circuitry
- Heat adjustment is also available by use of the manual potentiometer
- Transport interlock automatically cuts power to the system when the line stops
- The 5061 has CE, UL, and C-UL agency approvals

## **Web-Dri** INFRARED DRYERS

The Web-Dri system combines infrared and convection technologies to dry ink as the paper travels through the Web-Dri chamber. It has the capability to dry at speeds up to 1000 feet/min.

- The Web-Dri is available for webs up to 41" (1041 mm) wide
- Drying lengths up to 25" (635 mm) are available
- Automatic heat adjustment is available using the Tachometer Input circuitry
- Transport interlock automatically cuts power to the system when the line stops
- The system's drying chamber is zoned into 6" wide regions that give operators complete control over heat output. Heat regions can be turned on/off to match paper width

