



LightSpeed II

Ink-Jet Drying Systems

The Fannon Products Advantage

Manufacturing quality infrared products since 1954

Fannon Products, LLC has been manufacturing quality infrared lamps and equipment since 1954. Our primary business over the years has been in the automotive industry, drying automotive paints. Over the past few years, we have worked with a few of the larger direct mailing companies on developing an affordable, more efficient infrared drying system.

All Fannon LightSpeed™ ink-jet drying systems utilize our patented, energy efficient infrared lamps. Our infrared lamps incorporate a 24K gold reflector that directs and focuses virtually 100% of the infrared where it is needed, at the paper.

The focused infrared heat and air-flow design provides our customers with some major advantages:

- Faster line speeds
- Reduced electrical consumption
- Lower belt and surrounding equipment temperatures
- Eliminate paper fires
- Safe and comfortable operators
- Prolonged lamp life



1" Print-head LightSpeed™ Series: LSLII-3, LSHII-2 & LSHII-3

Designed to dry up to a 1.5" wide ink pattern

The LightSpeed™ LSLII-3, LSHII-2 & LSHII-3 dryers are designed for the 1" print-heads and will dry up to a 1.5" wide ink pattern. Typical line speeds range from 300-1000 FPM and will dry solvent and water base inks. With cost, speed and efficiency as the primary goal, these LightSpeed™ dryers will economically allow you to increase line speed to the full capacity of your ink-jet printing stations.

- LightSpeed™ LSLII-3, LSHII-2 & LSHII-3 dryers come complete with (1) control system, (1) drying module with blower assembly, Fannon energy efficient lamps, pre-wired with quick disconnect package, ready to mount on most webs or transports.
- Available in 10", 16", 25", and 38" heated lengths
- Voltage: 208, 240, and 480 Volt



Model LSHII-2 (above)
Control Panel (top)

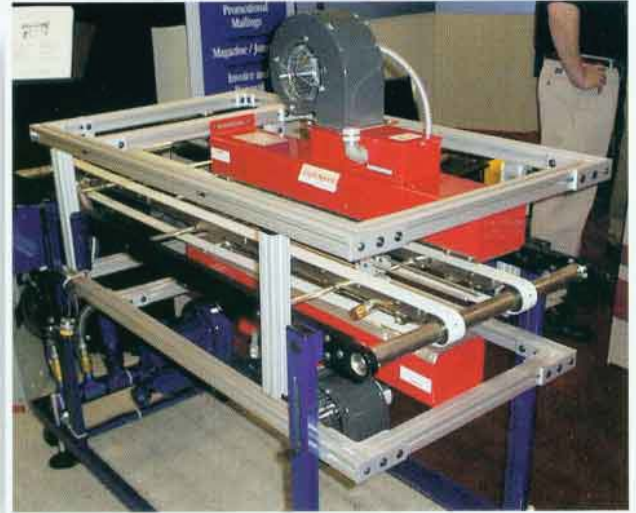
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2.77" Print-head LightSpeed™ Series: LSHII-3W & LSHII-4

Designed to dry up to a 3.25" wide ink pattern

The LightSpeed™ LSHII-3W & LSHII-4 dryers are designed for the 2.77" print-heads and will dry up to a 3.25" wide ink pattern. Typical line speeds range from 300-1000 FPM and will dry solvent and water base inks. Again, with cost, speed and efficiency as the primary goal, these LightSpeed™ dryers will allow you to maximize all the benefits from your ink-jet printing equipment.

- LightSpeed™ LSHII-3W & LSHII-4 dryers come complete with (1) control system, (1) drying module with blower assembly, Fannon energy efficient lamps, pre-wired with quick disconnect package, ready to mount on most webs or transports
- Available in 16", 25", and 38" heated lengths
- Voltage: 240, 480 and 575 Volt



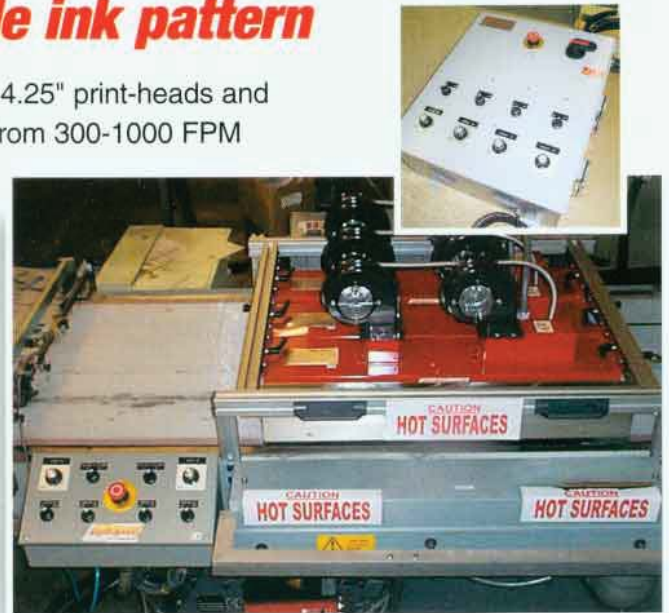
Model LSHII-4

4.25" Print-head LightSpeed™ Series: LSLII-6 & LSHII-6

Designed to dry up to a 5.5" wide ink pattern

The LightSpeed™ LSLII-6 & LSHII-6 dryers are designed for the 4.25" print-heads and will dry up to a 5.5" wide ink pattern. Typical line speeds range from 300-1000 FPM and will dry solvent and water base inks.

- The LightSpeed™ LSLII-6 & LSHII-6 dryers come complete with (1) control panel, drying module with (2) blower assemblies, Fannon energy efficient lamps, pre-wired with quick disconnect package, ready to mount to most webs or transports.
- Available in 16", 25", and 38" heated lengths
- Voltage: 240, 480, and 575 Volt



Model LSHII-6 (above)
Control Panel (top right)

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Dual Print-heads LightSpeed™ Series: FPDL-12 & FPDH-12

Designed to dry (2) 5.5" wide ink patterns or (1) 11" wide ink pattern

The LightSpeed™ FPDL-12 & FPDH-12 dual drying systems are designed to dry (2) separate 4.25" print-heads or (1) 11" wide ink pattern. Typical line speeds range from 300-1000 FPM and will dry solvent and water base inks. The control system allows for independent control of each drying module, providing the operator with maximum control over the drying process.

- The LightSpeed™ FPDL-12 & FPDH-12 dual drying systems come complete with (1) control system, (2) drying modules with blower assemblies, Fannon energy efficient lamps, prewired with quick disconnect package, ready to mount to most webs or transports.
- Available in 16", 25", and 38" heated lengths.
- 1" and 2.77" dual drying systems also available
- Voltage: 240, 480, and 575 Volt



Model FPDH-6

Multi-Zone Web Dryers LightSpeed™ Series: FPW

Designed to dry up to a 40" wide ink pattern

LightSpeed™ FPW web drying systems are designed to dry ink-jet printing on web presses. Dryer modules are available in 16", 25", 38", and 58" heated lengths, and 12", 18", 24", 30", 36", and 42" heated widths. Dryer modules are divided into 6" wide heat zones that can be selectively turned ON or OFF across the web. Typical line speeds range from 300 FPM up to 1000+ FPM.

- Custom size web dryers are available upon request
- Voltage: 240, 480 and 575 Volt



Model FPW (above)
Control Panel (left)

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Fannon Products High Efficiency Infrared Lamps

- Fannon Products, LLC manufactures the high efficiency infrared lamps that go into our drying systems.
- Fannon high efficiency lamps are proven to be up to 50% more efficient than a standard infrared lamp. The efficiency gain allows for faster line speeds and reduced electrical consumption.
- The 24K gold reflector on the lamp directs virtually 100% of the infrared emitted from the lamp in one direction — at the paper. By focusing the infrared heat where it is needed, the drying module and surrounding equipment operates cooler.
- The combination of lamp efficiency, focused infrared heat and airflow, cooler equipment temperatures, and the conveyor interlock control, users of Fannon Products, LLC drying systems have eliminated their problems with overheating belts and dangerous paper fires.
- Upgrade your existing dryers with Fannon high efficiency lamps. Replacement lamps are available for any make of drying system. Fannon high efficiency lamps cost less than our competitors' standard infrared lamps.

Replacement Lamps For Web Dryers

- Fannon Products, LLC manufactures replacement lamps for printing press dryers
- Twin tube or single tube lamps with gold reflector
- Medium or short wavelength
- Available in virtually any length, wattage, and voltage
- Typically 50% less than our competitors' prices



LightSpeed II

Ink-Jet Drying Systems

Model	Heated Length	Dryer Dimension	Wattage	Voltage
LSLII-3, LSHII-2, LSHII-3 Series — Dry up to 1.5" wide ink pattern				
LSLII-240-3-10	10"	16.5"L x 4"W	3000	240 1Ø or 3Ø
LSLII-240-3-16	16"	24"L x 4"W	4800	240 1Ø or 3Ø
LSHII-240-2-16	16"	24"L x 4"W	6000	240 1Ø or 3Ø
LSHII-240-3-16	16"	24"L x 5.5"W	9000	240 1Ø or 3Ø
LSHII-240-3-25	25"	33"L x 5.5"W	7500	240, 480 1Ø or 3Ø
LSHII-480-3-38	38"	48"L x 5.5"W	10950	480, 575 1Ø or 3Ø
LSHII-3W, LSHII-4 Series — Dry up to a 3.25" wide ink pattern				
LSHII-240-3W-16	16"	24"L x 5.5"W	9000	240 1Ø or 3Ø
LSHII-240-3W-25	25"	33"L x 5.5"W	7500	240, 480 1Ø or 3Ø
LSHII-480-4-25	25"	33"L x 5.5"W	10000	240, 480 1Ø or 3Ø
LSHII-480-4-38	38"	48"L x 5.5"W	14600	480, 575 1Ø or 3Ø
LSLII-6, LSHII-6 Series — Dry up to a 5.5" wide ink pattern				
LSLII-240-6-16	16"	24"L x 7.5"W	9600	240, 480 1Ø or 3Ø
LSHII-480-6-25	25"	33"L x 7.5"W	15000	480, 575 1Ø or 3Ø
LSHII-480-6-38	38"	48"L x 7.5"W	21900	480, 575 1Ø or 3Ø
FPDL & FPDH Dual Dryer Series — Dry (2) 5.5" wide ink patterns or (1) 11" wide				
FPDL-240-12-16	16"	(2) 24"L x 7.5"W	19200	240, 480 1Ø or 3Ø
FPDH-480-12-25	25"	(2) 33"L x 7.5"W	30000	480, 575 1Ø or 3Ø
FPDH-480-12-38	38"	(2) 48"L x 7.5"W	43800	480, 575 1Ø or 3Ø
FPW Web Drying Systems				
Multi-zone web dryers are available in 12", 18", 24", 30", 36", and 42" heated widths. Custom sizes are available upon request.				



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Industrial Heat Processing Systems

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