



JETRION INDUSTRIAL INKJET SYSTEMS

EFI Jetrion 4900

The Leanest Way to Produce Labels



Digital Printing and Digital Finishing in a Single System

Until now, the production of labels – flexo or digital – meant the need for multiple production steps. While digital printing systems made print more efficient by eliminating plates, make ready labor and substrate waste, they still required converters to finish offline, adding steps to the process and creating waste. The EFI™ Jetrion® 4900 changes the game. Now go from a print file directly to a finished roll without interruption. Now that is efficient!

As run lengths shorten and your margins shrink, maximizing your resources is vital to your business success. The EFI™ Jetrion® 4900 digital label production system, an end-to-end digital label solution, applies the power and flexibility of digital across the entire label production process – increasing your efficiency and giving you the lowest cost per label. Best yet, you can pay the system off by using it on just a handful of jobs a day!

The Jetrion 4900 improves your efficiency, productivity and profitability by doing digital printing and finishing in a single process pass on demand. This integrated workflow saves you money and increases your profits by:

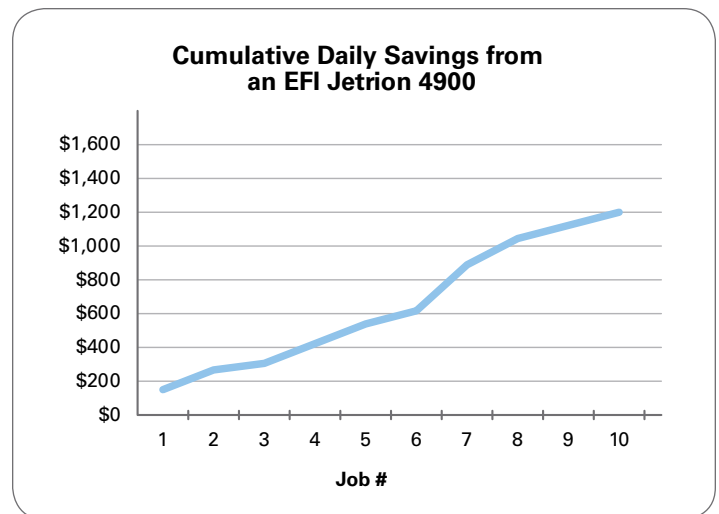
- Reducing overproduction because you don't need lead time to produce jobs.
- Eliminating unnecessary transportation because there is no need to move substrates rolls or finished labels in your facility.
- Decreasing inventory because you don't need to produce more labels than the job requires.
- Cuts your costs by eliminating plates, dies, changeovers, make-ready labor and substrate waste, for both printing and finishing.

Improving Your Bottom Line From Business You Already Have

The Jetrion 4900 allows you to increase your profits without the need to sell new work. It removes substantial amounts of cost from your current short run jobs – and drops the savings right to your bottom line.

- Capital purchase decisions are easier when they don't require you to sell new business.
- How much do you spend each year on plates, dies, setup labor and substrate waste?
- The Jetrion 4900 can typically generate savings of more than \$1,000 per day – imagine the potential savings per year!

Example:



This is an example. Detailed cost analysis available on request. Actual results depend on job specific factors.



Pay for your New Jetrion System by Using it for 6 Existing Jobs a Day!

New business is a wonderful thing – and the Jetrion 4900 is the tool to generate it. However justifying a capital equipment purchase using jobs that you haven't acquired yet can prove to be a challenge. With the Jetrion 4900, you see savings on every job that you move over from your analog Flexo equipment. Whether or not you have to make plates or buy a die, the savings from labor and substrate waste are typically over \$100 per job.

Now imagine that this job has a change – your plates or dies have worn out, or you have new business. In your current situation, you either pay for new plates and dies yourself or pass on the cost to the customer. With the Jetrion 4900, you can simply quote the customer the finished roll price and decide whether or not you keep the savings yourself or pass it onto the client.

Imagine you move over six jobs a day with average savings of \$150 per job. Do the math and figure how these savings add up over the weeks, months and years! And if you do get new jobs, the numbers look even more compelling. The more jobs you load onto the Jetrion 4900, the higher the profits. The Jetrion 4900 justifies itself based solely on the real numbers – savings from plates, dies, labor and substrate waste.

See How the Jetrion 4900 Stacks up Against the Competition

JETRION 4900 FEATURE	ADVANTAGE OVER OTHER DIGITAL SYSTEMS
Ink-only pricing	<ul style="list-style-type: none"> • Lower cost model versus click-charge models. Pay only for the inks used.
True short-run printing and variation capabilities	<ul style="list-style-type: none"> • Allows production proofing and test marketing without having to artificially "fill the frame."
EFI manufactured UV ink	<ul style="list-style-type: none"> • Guarantees lowest cost, highest quality and easy access to one of the largest UV inks manufacturers worldwide.
Optimized workflow	<ul style="list-style-type: none"> • Works with award-winning EFI Fiery® XF RIP for outstanding color reproduction and ease of use and with other EFI solutions, such as Digital StoreFront® and Radius to make your business more profitable, productive and efficient by connecting the pieces of your business.
Direct UV ink-substrate compatibility	<ul style="list-style-type: none"> • Eliminates the need and cost for pre-priming most substrates. • Provides exceptional durability with no over varnish needed.
Re-registration printing	<ul style="list-style-type: none"> • Allows for 5-color dual-sided printing (CMYK+W) and printing on pre-printed or pre-die-cut rolls.
Finishing capabilities	<ul style="list-style-type: none"> • Is one of the only fully digital end-to-end label production solutions.
Production Flexibility	<ul style="list-style-type: none"> • In-Line Mode: Print and finish in one step • Off-Line Mode: Print or finish independently
Worldwide installations and support	<ul style="list-style-type: none"> • Proven product performance with global support infrastructure for rapid response time.

The Technology of the EFI Jetrion 4900

EFI's Jetrion 4900 is built upon EFI's market leading UV inkjet technology, and powered by the renowned EFI Fiery XF front end. Our durable UV inkjet technology allows converters to create some of the most durable labels in the world and to benefit from a simplified UL compliance certification.

With the Jetrion 4900, EFI delivers an entire system – from one partner, you get to take advantage of hardware, software and consumables that are all optimized to provide both performance and reliability. With EFI being the largest provider of UV inkjet ink in the world, Jetrion 4900 customers can be assured they will have a pricing advantage even against their most aggressive competitors.



- 2 Printer Controls**
Conveniently located at both ends of the press, access controls for both printer and laser at these user friendly stations.

- 3 Print Zone**
Utilizes Jetrion's 5 colour (CMYK + W), high quality inks and proven digital print engine for lowest cost per label output.

- 1 Corona Station**
Inline corona treatment allows greater substrate compatibility.



Jetrion 4900 Advantages

The Jetrion 4900 comes with several unique features:

- It offers a powerful combination of digital technology; the proven design of the Jetrion 4000 series, and a robust flexo-style web with an industrial grade transport and platform.
- The press comes with continuous job queue for printing stacked jobs, so you don't waste materials or manpower between jobs or finished rolls.
- Full feature finishing, such as die cutting, slitting, backsoring, enable standard industry finished rolls at output end, so you can work faster, avoid outsourcing or eliminate working on multiple devices.
- An inline mode and offline modes for special jobs that may not be ideally printed and cut in-line due to speed or quality constraints.
- Bright and opaque white printing capabilities that rival flexo presses in one single pass with the process colors.
- UL PGJ12 recognition and pre-certification on on a variety of substrates, saving you money and time.
- The powerful and integrated EFI Fiery® XF RIP, which accelerates your production, unifies the handling of your printing devices, and delivers the high-quality output and color that your customers expect.

4 Lasers
Dual head lasers, for efficient cutting without dies.

5 Festoon
Festoon minimizes substrate waste between jobs via unique reverse function.

6 Rewind Options
Semi automated turret for quick change over of finished, ready to ship rolls of labels. Master roll rewinder on lower tier.



The Extra EFI Edge

When you invest in a Jetrion press, you open the door to the entire EFI portfolio of integrated, end-to-end digital inkjet workflow solutions, services and technical support. This door helps you sustain profitable growth by helping you work smarter, faster and more productively on every job now and in the future.

Access to World's Largest UV Inks Manufacturer

When investing in a Jetrion press, you get access to one of the world's largest UV inks manufacturer – EFI. This access gives you one of the widest ranges of UV ink choices in the print industry today – including spot and specialty colors. In addition, our inks are optimized for Jetrion systems, so they deliver consistent, repeatable color output and enhance the press' performance and productivity. The inks also work directly on most substrates and produce extremely durable labels that are heat, cold and chemical resistant, so they last even in the harshest environments.

Solid Foundation for your End-to-End Workflow Needs

EFI provides an important piece missing in most business solutions – the integration of the customer's job information with the management and production systems. With our intelligent, automated workflow, you virtually eliminate touch points, reduce waste, improve your communication, and maximize your capacity utilisation – all of which boost your profit potential.

EFI Digital StoreFront

Improve your Customer Satisfaction to Increase your Profits

EFI Digital StoreFront® gives you a 24/7, customizable shopping platform that enables your customers to easily order and track jobs to boost your top and bottom lines. The solution also serves as an on-ramp to job production to deliver essential information to your internal team.

EFI Radius

Meets the unique requirements of your packaging business

The EFI Radius ERP solution offers packaging companies the comprehensive capabilities of a world class ERP system, while fitting the unique business processes of packaging operations producing labels, flexible packaging, folding cartons and extruded materials. A highly flexible, scalable solution that effectively manages business processes from sales estimating to cash receipt for single or multi-site, multi-currency, multi-language and multi-product environments.

EFI Fiery XF RIP

Speed-up your Production, While Producing Consistent, Accurate Colors

EFI Fiery® XF dramatically speeds up your production and produces superior image and color quality on your Jetrion printer. It also unifies the handling of all your printing devices to decrease your production times, delivers consistent, accurate colors across your printers and sites.

Services and Technical Support

Gives you the Most from your EFI Products and Solutions

As part of our commitment to you, EFI offers services, training and technical support. The training and services can be online or onsite, while the support plans include phone and on-line help as well as on-site technicians to keep your systems running 24/7.



Summary of the Jetrion 4900 Standard Equipment

The Jetrion 4900 is built to last. It was designed with a high duty cycle in mind and is capable of operation anywhere in the world.

- World Class Servo Driven Transport System capable of supporting a wide variety of substrates, regardless of thickness
- Unwind, Rewind, Splice Table and Automatic Web Guide
- Twin Control Stations for Ease of Operation
- Powerful Dual Laser Auto Die Cutting System
- Matrix Stripping with heated waste removal and compactor
- Configurable Slitting Station (up to 9 blades) with Backscoring and Separator Rail
- Efficient Two-Spindle Semi-Automatic Turret Rewind for Finished Rolls
- Single Bulk Rewind Spindle for Master Roll Production
- Integrated Corona Treater for Filmic Substrates
- Continuous Queue Label Production Workflow – enables zero waste changeovers
- World Class EFI Color Suite including Fiery and X-Flow Software Packages
- Jetrion 5 Color writing Engine, including:
 - Change-on-the-Fly Ink Systems, never stop to reload ink
 - print electronics
 - latest powerful LED Curing Technology (white ink)
 - Industry Standard Arc Lamp UV Technology (CMYK inks)
 - UL recognized EFI Jetrion UV Inks including white
- Festoon
- CE Compliant



JETRION DIGITAL LABEL PRODUCTION SYSTEMS

System Requirements

Productivity

- Max Print Speed: – 80fpm full resolution
– 120fpm draft mode
- Print Resolution: Greater than 1000 dpi (apparent)
via grey-scale technology
- Ink Type: Jetrion UV 4000/4830
- Number of Colors: 5 (CMYK + W)

Media/Handling

- Maximum Web Widths: 9" Imaging, 13" Finishing
- Imaging Width: up to 8.3"
- Substrate Options: Paper, Films, Foil, Tag, Specialty

Environmental Considerations

- Footprint (L x W): 278" x 48"
- Weight: 14,330 Lbs.
- Operating System: Microsoft Windows
- Control Panel: Twin, ergonomic flat-screen
with keyboard and mouse
- System Power Requirements:
400V, Three Phase, 50/60Hz, 63Amps
- Compressed Air Consumption: 5scfm, 90psig

Contact an EFI Sales Representative Today!

Don't miss out on an end-to-end digital label solution that can make you more efficient, productive and profitable from start to finish! Call or e-mail us today!

- 1-734-641-3062 (US & International)
- 1-800-875-7117 (U.S. only)
- E-mail: jetrion-info@efi.com
- Web: www.efi.com/how-to-buy/

Print to Win™ – with EFI.

EFI™ (www.efi.com) is a world leader in digital print servers and controllers, and print MIS, Web-to-print, superwide, wide-format and industrial inkjet solutions. EFI is dedicated to giving customers a competitive edge with award-winning, scalable products from creation to print that maximize productivity and increase profits.



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