EFI Jetrion 4950LX

Higher Image Quality for More Opportunity
Higher Resolution, Higher Speed and LED Increase Your Capabilities

The EFI™ Jetrion® 4950lx LED printer represents a new level of digital label production systems—with improved 4-colour, 720 x 720 resolution in addition to higher speeds of up to 48 metres per minute and advanced LED curing. The Jetrion 4950lx printer’s higher image quality, finer text and wider colour gamut expand your capabilities to take on more primary label applications as well as pharmaceutical and nutraceutical labels. Its LED technology gives you a competitive edge by letting you print on heat-sensitive and speciality substrates. Best of all, the Jetrion 4950lx does all of this while delivering the lowest cost per label.

Jetron revolutionised the label industry with the introduction of the digital label production system. Gone are plates, make-ready labour and substrate waste along with all of the steps associated with offline converters. Instead, digital printing and finishing are now in a single system, enabling you to go from print file directly to a finished roll without interruption.

The Jetrion 4950lx LED digital label production system applies the power and flexibility of digital across the entire label production process—increasing your efficiency and giving you the lowest cost per label. With the added advantages of higher image quality, higher speed and LED curing, you can pay the system off by using it on just a handful of jobs per day!

The Jetrion 4950lx improves your productivity and profitably by digitally printing and finishing in a single process pass on demand. Its print quality, speed and integrated workflow save you money and increase your bottom line as follows:

- Adding unmatched capabilities—720 X 720 dpi resolution; crisp, two-point text; increased Pantone matching; ink flexibility and substrate versatility provide more market opportunities and a competitive edge.
- Eliminating overproduction—You don’t need lead time to produce jobs.
- Reducing unnecessary transportation—There’s no need to move substrate rolls or finished labels in your facility.
- Decreasing inventory—You don’t need to produce more labels than the job requires.
- Cutting costs—Plates, dies, changeovers, make-ready labour and substrate waste are eliminated for both printing and finishing.

This is an example. Detailed cost analysis available on request. Actual results depend on job specific factors.
Seven Jobs Per Day Is All That it Takes to Pay for Your New Jetrion 4950Lx.

The Jetrion 4950Lx can improve your business—with the business you already have. That’s because it 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, dropping the savings to your bottom line. You’ll see more money on every job that you move over from your analogue flexo equipment.

With the Jetrion 4950Lx, the savings from labour and substrate waste are typically up to 150 Euro per job. And that’s not including the usual flexo costs associated with changes, new dies and replacement plates.

If you move over just seven jobs per day, with an average savings of up to 150 Euro per job, the savings over weeks, months and years really add up. And when you get new clients and more jobs because of your high-quality printing and LED curing capabilities, the numbers look even better.

Here’s the bottom line: The more jobs you feed the Jetrion 4950Lx, the more you feed your profits. It justifies itself based solely on the real numbers—savings from plates, dies, labour and substrate waste. But if you prefer to finish the labels on your existing equipment, you can start with a 4950Lx print unit and add digital finishing when you need it!

See How the Jetrion 4950Lx Makes You More Competitive

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<tr>
<th>JETRION 4950Lx FEATURE</th>
<th>ADVANTAGE FOR YOUR BUSINESS</th>
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<tbody>
<tr>
<td>720 x 720 resolution</td>
<td>• Ability to take on more primary label applications as well as pharmaceutical and nutraceutical labels.</td>
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<tr>
<td>LED curing</td>
<td>• Flexibility to work with more heat-sensitive and speciality substrates for more market opportunities.</td>
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<td>Speeds of up to 48 m/min</td>
<td>• Increased throughput for great productivity and ROI.</td>
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<td>Continuous job queue</td>
<td>• Maximum productivity, printing stacked jobs in the queue without wasted material or manpower between jobs; or on finished rolls.</td>
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<td>Inline finishing</td>
<td>• Get the lowest cost per label and eliminate additional equipment and outsourcing with full-feature finishing, such as laser die-cutting, slitting and backscoring to enable industry-standard finished rolls at output end.</td>
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<td>Ink-only pricing</td>
<td>• Lower-cost model versus click-charge models. Pay only for the inks used.</td>
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<td>True short-run printing and variation capabilities</td>
<td>• Allows production proofing and test marketing without having to artificially “fill the frame.”</td>
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<td>EFI-manufactured UV ink</td>
<td>• Guarantees lowest cost, highest quality and easy access to the largest UV digital ink manufacturer worldwide.</td>
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<td>Optimised workflow</td>
<td>• Works with award-winning EFI Fiery® XF RIP for outstanding colour reproduction and ease of use 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.</td>
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<td>LED UV ink-substrate compatibility</td>
<td>• Eliminates the need and cost for pre-priming most substrates.</td>
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<td>• Enables shrink and unsupported film production.</td>
<td>• Provides exceptional durability and flexibility, with no over varnish needed.</td>
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<td>Finishing capabilities</td>
<td>• One of the only fully digital end-to-end label production solutions.</td>
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<td>Production flexibility</td>
<td>• Inline mode: Print and finish in one step.</td>
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<td>• Offline mode: Print or finish independently.</td>
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<td>Worldwide installations and support</td>
<td>• Proven product performance with global support infrastructure for rapid response time.</td>
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<td>Modular design</td>
<td>• Flexibility to add modules such as sheeting or lamination as your business needs expand.</td>
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<tr>
<td>Designed for longevity</td>
<td>• Robust design, built on a platform allowing for growth and future upgradeability.</td>
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Meet Your New LED Digital Label Production System

The Jetrion 4950 lx is built on EFI’s market-leading UV inkjet and LED curing technology and is powered by the renowned EFI Fiery XF digital front end. This allows you to create high-resolution, versatile and durable labels and to benefit from a simplified UL compliance certification. The Jetrion 4950 lx is an entire system delivered by one partner, so you realise the benefits of hardware, software and consumables that are all optimised to provide performance and reliability. EFI is the largest provider of UV inkjet ink in the world, which means as a Jetrion 4950 lx owner, you can be assured of a pricing advantage over even your most aggressive competitors.

The Jetrion 4950 lx printer’s modular design makes it completely flexible. It will literally get in line with your growing business needs and demands. You’ll be able to add accessories and features as they are released, increasing job types, substrates, and most of all, capabilities.

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

2. Printer Controls
   Conveniently located at the end of the press, access controls for both printer/LED curing and laser are found at this user-friendly station.

3. Print Zone
   Utilises Jetrion 4-colour high-quality inks and proven digital print engine for lowest cost per label output.

Configuration shown above includes optional equipment.
4 Buffer
Minimises substrate waste between jobs via unique reverse function.

5 Optional Varnish/Lamination Station

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

7 Rewind Options
Semi-automated turret for quick changeover of finished, ready-to-ship rolls of labels. Master roll rewinder on lower tier.
Get the Extra EFI Edge

When you invest in the Jetrion 4950lx, you open the door to the entire EFI portfolio of integrated, end-to-end digital inkjet workflow solutions, services and technical support. EFI becomes your partner for sustained profitable growth by helping you work smarter, faster and more productively on every job now and in the future.

Access to the World’s Largest Digital UV Inks Manufacturer

With EFI, you gain access to one of the widest ranges of UV ink choices in the print industry today. In addition, our inks are optimised for Jetrion systems, so they deliver consistent, repeatable colour output and enhance 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 element that is 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 maximise your capacity utilisation—all of which boost your profit potential.

EFI Digital StoreFront

**Improve Customer Satisfaction to Increase Your Profits**

EFI Digital StoreFront® gives you a 24/7, customisable 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

**Meet Your Unique Packaging Business Requirements**

The EFI Radius ERP solution offers packaging companies the comprehensive capabilities of a world-class ERP system tailored to the unique business processes of packaging operations that produce 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 multisite, multicurrency, multilanguage and multiproduct environments.

EFI Fiery XF RIP

**Speed Up Your Production While Producing Consistent, Accurate Colours**

EFI Fiery® XF dramatically speeds up your production and yields superior image and colour quality on your Jetrion printer. It also unifies the handling of all your printing devices to decrease your production times while delivering consistent, accurate colours across your printers and sites.

Services and Technical Support

**Get 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 on-site, while the support plans include phone and online help as well as on-site technicians to keep your systems running 24/7.
Summary of the Jetrion 4950Lx

Standard Equipment

- World-class servo-driven transport system capable of supporting a wide variety of substrates
- Unwind, rewind, splice table and automatic web guide
- Touch screen control station for ease of operation
- Single bulk rewind spindle for master roll production
- Continuous queue label production workflow
  - Enables zero-waste changeovers
- World class EFI colour management with award-winning EFI Fiery XF server software
- Jetrion four-colour writing engine, including
  - Change-on-the-fly ink systems; never stop to reload ink print electronics
  - Latest powerful LED curing technology
- CE compliant

Optional Equipment

- Powerful 1,000 watt laser auto die cutting system
- White station
- Matrix stripping with heated waste removal and compactor
- Configurable slitting station (up to 16 blades) with back scoring and separator rail
- Varnish/Lamination station
- Efficient two-spindle semi-automatic turret rewind for finished rolls
- Integrated corona treater for filmic substrates
- Buffer
JETRION INDUSTRIAL INKJET SYSTEMS

System Requirements

Productivity
- Max Print Speed: 34 m/min full resolution
- Max Print Speed: 48 m/min in 720 x 360 mode
- Print Resolution: 720 x 720
- Ink Type: Jetrion 4950 LED Inks
- Number of Colours: 4 (CMYK)
- Optional white channel
- Upgrade Options: Laser die cutting, varnish/lamination, full featured finishing

Environmental Considerations (in base configuration)
- Footprint (L x W): 4801 mm x 1397 mm
- Weight: 4309 kg
- Operating System: Microsoft Windows
- RIP: EFI Fiery XF for Jetrion
- Control Panel: Ergonomic flat, touch screen with keyboard and mouse
- System Power Requirements: 400VAC, 3 Ph, 50/60Hz, Wye configuration (with neutral), 63 Amps
- Compressed Air: 240 lpm@14m³/hr @ 6 bar

Media/Handling
- Maximum Web Widths: 350 mm
- Imaging Width: Up to 330 mm
- Substrate Options: Paper, Films, Foil, Tag, Speciality, Shrink and Heat Sensitive Films

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!
- Phone: 0-808-101-3484 (UK toll free) or 44 1246 298000
- E-mail: efi.solutions.be@efi.com
- Web: www.efi.com/how-to-buy/

Why EFI?
EFI™ (www.efi.com) helps businesses worldwide bring their visions and goals to life with a scalable, digital product portfolio. Our powerful servers, controllers, RIPs, inkjet printers and precise colour and imaging solutions help companies increase their brand recognition and market reach on signs, buildings, bus wraps, graphic displays and more. Our business automation software helps companies work faster and more cost effectively. Our office, enterprise and mobile cloud solutions help companies create, access, and communicate impactful information that can win them more business.