PAK-TEC

LUXjet

UV Curable Print Solutions

MADE IN USA

- Designed for Industrial Printing
- UV Curable printer
- Print speeds up to 1200 fpm
- Print width at 2.13” and 4.26”
- Lower Costs
- Higher Efficiency
- Smaller Size
- Greater Flexibility

PMMI

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Outperforming the Rest

A smaller footprint, higher throughput, lower costs and proven technologies, the LUXjet printers are solid performers in the packaging, graphics and mail markets. The clean design, simple to operate interface and low maintenance process ensure a short learning curve and rapid implementation of any new installation.

High Quality, High Speed

The LUXjet Series supports up to 600 dpi resolution giving you maximum quality at all times—there is little that cannot be printed with incredible sharpness.

For all production applications where throughput is critical, the printers are capable of ultra fast speeds to meet your productivity goals.

- **600 DPI Print Resolution (1280 print nozzles)**
- **Variable Drop Size Capability**
- **Up to 1200 fpm Line Speed**

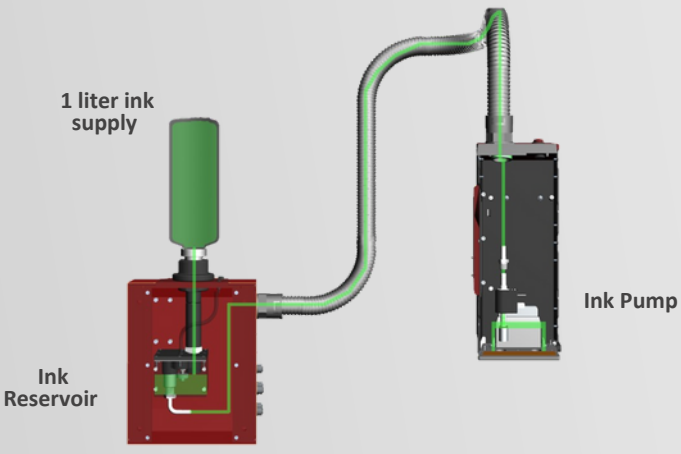
Compact Size

Not only is the Printhead compact, so is the interface enclosure. For the first time, trying to find space on your equipment for bulky ink handling systems and print heads is no longer a concern.

- **Smallest Printhead Available**
- **Compact Printhead, Compact Connectivity Panel**
- **Fits into Existing Installations with Ease**

Patented Ink Delivery System

The ink system used in the LUXjet is sophisticated and highly reliable. The pump measures minute changes in pressure and delivers ink directly from the ink supply to the print head as ink is being consumed. No valves, air sensors or multiple connections to create possible failure points. Just solid performance.



Premium Capabilities at a Lower Cost

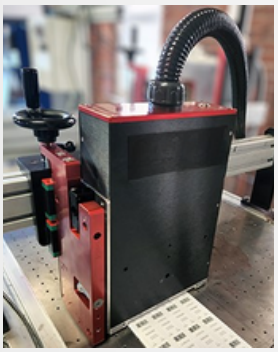
The LUXjet Series initial cost is significantly lower than other solutions, but this goes beyond just hardware costs. Factoring in reduced maintenance, efficient use of inks, and reliability, both models have a incredibly low Total Cost of Ownership.

- **Lowest Cost UV Curable Print Solution**
- **Quickest ROI in the Industry**
- **Reduced Operational Costs**

Simple to Integrate

With compact footprint and flexible mounting options upgrading existing print solutions with the LUXjet is a straightforward process. Using 80/20 as the mounting bar, custom width mounts can be accommodated to meet any installation.

- **Installs Quickly into Existing Machinery**
- **Precision Mounting Gives Exact Control**
- **Small Footprint Allows for Implementing Multiple Head installations**



The LUXjet2 and LUXjet4 share the same mounting system allowing XYZ micro adjustment for alignment and a wheel for maintenance and quickly setting and returning to a preset height.

Two High Performing Print Solutions

Horizontal Resolution	Max Speed *	
	m/min	ft/min
600	137	450
300	274	900
150	356	1,200

** speeds will vary with ink type and drop size*

Characteristic	LUXjet2	LUXjet4
Print Width	2.13”/54.1mm	4.26” /108.2mm
Resolution	600 dpi	600 dpi
No of Drops	1 to 3	1 to 3
Drop Volume	7 pl / 14 pl / 24 pl	7 pl / 14 pl / 24 pl
Frequency	60 kHz	60 kHz
Custom Colors	Yes	Yes

Connectivity

LUXjet 2 and LUXjet 4 share the same connectivity and ink module

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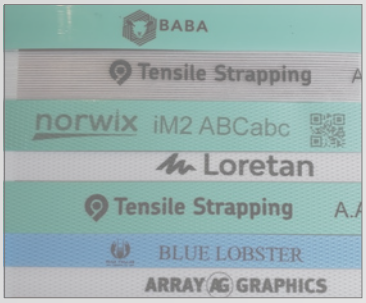
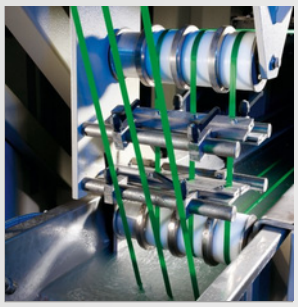
Strapping

Strapping comes in a variety of sizes, colors and materials and the need to print branding or regulatory details is commonplace. The LUXjet2 is a highly effective solution for this need, reducing scrap, decreasing costs and adding much more flexibility.





Medical and Pharmaceutical

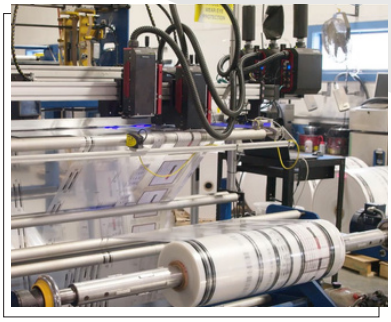
The high resolution LUXjet printer provides a versatile, cost-effective solution to meet the need for variable data printing on a range of materials—from film for contact lenses to coated boxes.

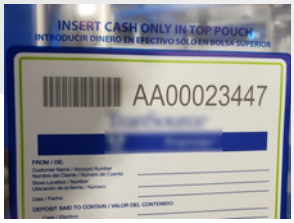
Printing GS1 data including alphanumerics, 2D datamatrix, QR codes, the LUXjet2 has the quality, speed and reliability that the pharma and medical industry requires.

Tamper-Evident Security Packaging

Tamper-evident security bags are designed to make the transportation, processing, and storage processes as simple and safe as possible.

The LUXjet2 integrates seamlessly into bag printing lines, replacing existing print technology, providing provable and very significant saving in terms of maintenance , downtime and consumables, while giving stunning quality and permanence of all prints.





Bottling Lines

Bottled products are moving towards an increasing amount of traceability capabilities, with the need to print sophisticated barcodes on the caps and very high speeds and with perfect clarity From reduction of labels to government mandated individual tax stamps on each product, the LUXjet2 has become the de- facto coding solution for many of the world's leading bottlers.

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