MJRvision

PROBLEM SOLVED

jet.iM2 & jet.iM4





2.13” and 4.25” UV Curable Print Solutions

- 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

Outperforming the Rest

A smaller footprint, higher throughput, lower costs and proven technologies, the iM2 are iM4 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 iM 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)**
- **1 to 3 drop capability**
- **Up to 1200 fpm line speed**

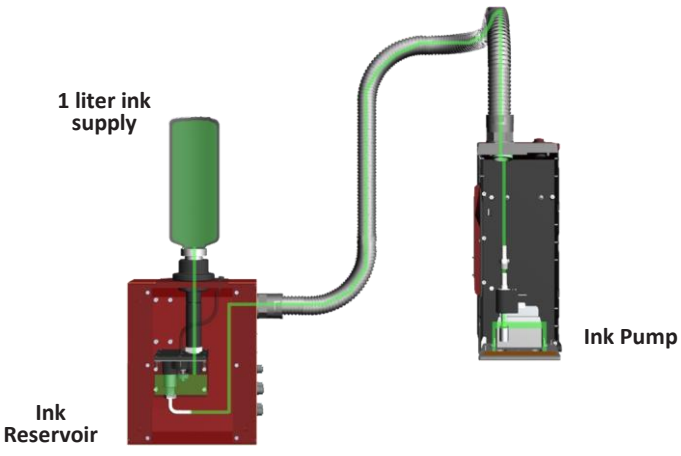
Compact Size

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 in to existing installations with ease**

Patented Ink Delivery System

The ink system used in the iM2 and iM4 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 iM2 and iM4 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 a compact footprint and solid mounting design, upgrading existing print solutions with the iM2 is a straightforward process. Using 80/20 as the mounting bar, custom lengths can be accommodated to meet any installation.

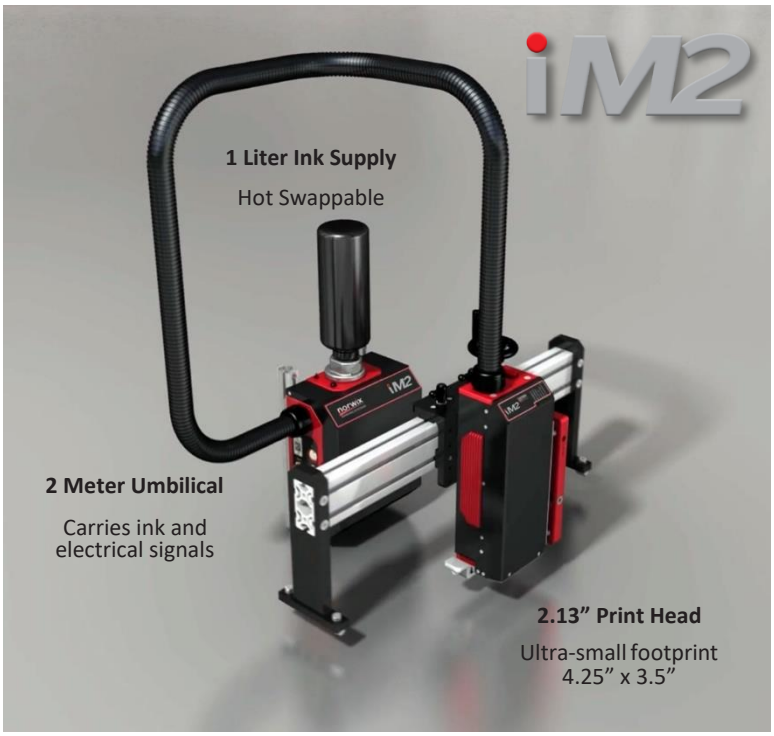
- **Installs quickly into existing machinery**
- **Precision mounting gives exact control**
- **Small footprint allow for implementing multiple head installations**





The iM2 and iM4 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	iM2	iM4
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 Response	60 kHz	60 kHz
Custom Colors	Yes	Yes



Connectivity



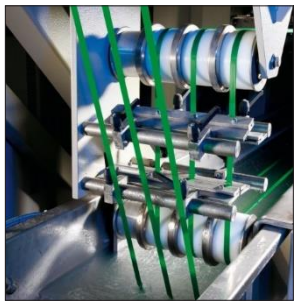
iM2 and iM4 share the same connectivity and ink module

iM2 Examples

Strapping

Strapping comes in a variety of sizes, colors and materials and the need to print branding or regulatory details is commonplace. The iM2 is a highly effective solution for this need, reducing scrap, decreasing costs and adding much more flexibility.

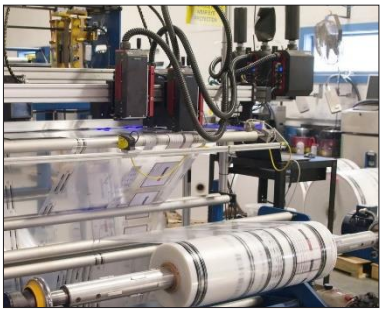




Tamper-Evident Security Packaging

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

The iM2 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.





Medical and Pharmaceutical

The high resolution iM2 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 alphanumeric, 2D datamatrix, QR codes, the iM2 has the quality, speed and reliability that the pharma and medical industry requires.





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 iM2 has become the de- facto coding solution for many of the world's leading bottlers.



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