

iM2 UV Curable Print Solution



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

Outperforming the Rest

A smaller footprint, higher throughput, lower costs and proven technologies, the iM2 is a solid performer in the graphics and mail markets. Its 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 iM2 supports up to a 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 iM2 is 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**



Premium Capabilities at a Lower Cost

The iM2's initial cost is significantly lower than other solutions, but goes beyond just hardware costs. Factoring in reduced maintenance, efficient use of inks, and reliability, the iM2 has an 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 mounting system allows XYZ micro adjustment for alignment and wheel for maintenance and quickly setting and returning to a preset height

Simplicity Equals Reliability, Efficiency, Throughput



iM2

2 Meter Umbilical
Carries ink and electrical signals

1 Liter Ink Supply
Hot Swappable

Connectivity Panel
Encoder, Print Trigger, I/O, Ethernet



2.13" Print Head
Ultra-small footprint 4.25" x 3.5"

Characteristic	
Print Width	2.13"/54.1mm
Resolution	600 dpi
No of Drops	1 to 3
Drop Level (1/2/3)	7 pl / 14 pl / 24 pl
Frequency Response	60 kHz
Custom Colors	Yes
Smallest readable font size	3pt

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

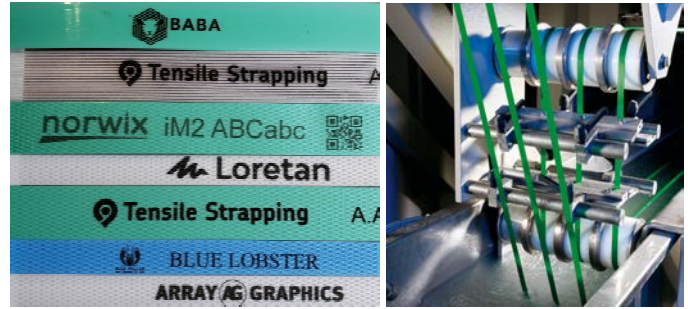
* speeds will vary with ink type and drop size

- Max. Print height 2.13" / 54mm
- Max. Printheads Supported 10 (34" / 866mm max width)

iM2 Markets

Printing on 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.



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 alphanumerics, 2D datamatrix, QR codes and Russian Crypto Code and serialization, the iM2 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 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.

