

## Ink News

### New and Improved Poreon Ink for Hx Cartro & Hx Megalo



MapleJet is introducing an improved Poreon ink solution for the Hx Cartro and Hx Megalo printers, designed to deliver consistent, fade-resistant codes with excellent durability on porous packaging materials. Poreon remains OK Biobased certified, offering manufacturers a reliable and sustainable coding option.

As part of this improvement, Poreon inks are now supplied in a new clear high-collapse bag. Unlike the old aluminum design, the clear bag allows a full 190 mL fill with minimal residue, reducing ink waste and extending runtime between changes. Its gusset-free collapse mode ensures complete evacuation, while transparency makes ink level checks fast and accurate.

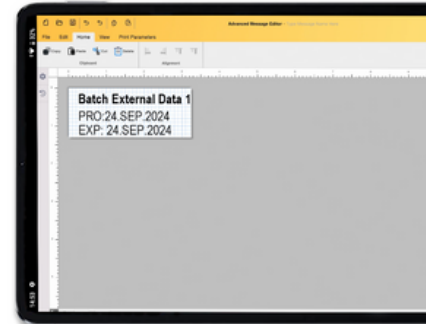
For end users, this means fewer interruptions, lower operating costs, and better sustainability—with no need for printer recalibration or changes. The new packaging is fully compatible with all Hx Cartro and Hx Megalo cartridges, making the transition seamless.

For more information about availability in your region, please contact your closest MapleJet representative or distributor.

## Product News

### Farewell Vanguard Create, Welcome Advanced Message Editor (AME)

MapleJet is retiring Vanguard Create and introducing the Advanced Message Editor (AME) as the new standard for message design. Built as a web-based, Industry 4.0-ready platform, AME offers a faster, more intuitive interface that simplifies creating and managing even complex codes such as 2D barcodes and GS1 formats.



Unlike traditional software, AME is browser-based, eliminating the need for local installations or manual updates. It enables cross-platform access, real-time previews, and ensures uniform coding across multiple lines or facilities—reducing errors, maintaining compliance, and strengthening brand consistency. With its cloud capability, AME also supports smarter data management, making it easier to standardize and control coding workflows across sites.

This transition reflects MapleJet's commitment to providing future-ready coding solutions. By moving to AME, manufacturers gain an intuitive, secure, and connected tool that reduces operator training, integrates seamlessly into modern production ecosystems, and transforms coding into a true advantage for efficiency and compliance.

## Product Update

### Introducing the New Angle Mount for Hx Nitro

MapleJet is releasing a new angle mounting system for the Hx Nitro, designed for faster and more precise positioning. With a simple twist of the adjustment knob, operators can easily align the printer at any required angle without the need for complex tools or time-consuming adjustments.



The new mount makes it easier to handle challenging line setups while maintaining accurate, high-quality coding. By combining precision with ease of use, this upgrade improves both installation efficiency and day-to-day operation for packaging lines of all sizes.

## Software Update

### Dynamic Max Line Speed: Consistent Print Quality at Any Speed

The latest Hx Nitro software release introduces **Dynamic Max Line Speed**, a feature that automatically adjusts printer performance when production line speed changes. This ensures:

- Sharper, high-resolution output at slower speeds
- Consistent print quality during sudden speed fluctuations

For manufacturers, this means stable code quality across variable-speed lines, reducing errors and ensuring compliance even in challenging, fast-moving environments.

Check if your Nitro version supports this—contact [MapleJet expert](#).

## TechTrends

### Fast-Line Breakthroughs: TIJ Challenges CIJ's Dominance

Thermal Inkjet (TIJ) is no longer just an alternative to CIJ—it's outpacing it. With innovations in ink delivery and printhead design, **TIJ now codes at up to 240 m/min with four lines of text** and produces high-quality 2D barcodes at fast speeds without compromising scannability.

As the industry moves toward GS1 Digital Link compliance with Sunrise 2027, TIJ—especially MapleJet's Hx series—offers manufacturers a future-ready solution that combines speed, accuracy, and sustainability in high-performance coding.

Product Update

How easily can Hx printers integrate into your production line?

Easier than you think.

Designed with flexibility in mind, Hx printers connect seamlessly to external devices such as encoders and sensors. With just a few wiring specifications to follow, manufacturers can integrate coding into their line quickly and reliably—without added complexity.

To ensure reliable performance, it's important to follow the recommended wiring guidelines and electrical specifications for each pin group. For detailed instructions, MapleJet has prepared a dedicated Application Note covering voltage ranges, current limits, grounding, and wiring practices. 📄

➡➡➡ [Application Note Link](#)

On the Calendar



September 29 - October 1, 2025  
Las Vegas, Nevada USA



Oct 21, 2025 TO Oct 23, 2025  
Toronto Congress Centre  
Toronto, Ontario, Canada



4-6 NOVEMBER 2025  
DUBAI WORLD TRADE CENTRE

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**Hx Nitro TIJ Printer | High-Speed Roll-to-Roll Printing on Flexible Packaging**

Blog Story

Why SMEs Rely on the Hx Nitro TIJ Printer for Roll-to-Roll Offline Printing

In offline roll-to-roll (R2R) printing applications, especially common in small to medium-sized enterprises (SMEs), efficiency, flexibility, and simplicity are crucial. These setups typically involve printing variable data—like batch numbers, expiry dates, or product IDs—on pre-printed films, labels, or flexible packaging before they are fed into form-fill-seal or labelling machines. Unlike inline systems, offline roll-to-roll operations don't have the luxury of being tightly integrated with automated packaging lines.

READ MORE ➡

PMU Initiative

We've launched the Product Management Unit (PMU) to streamline product communication, training, and support.

- Application Notes
- Explainer Videos
- Global Distributor Network



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HEADQUARTER



MapleJet Canada  
4 Vata Court Unit 20, Aurora,  
Ontario, L4G 4B6,  
Canada

EUROPEAN OFFICE



MapleJet Europe  
Kopernikusstraße13  
50126 Bergheim  
Germany

MIDDLE EAST, AFRICA & REST OF ASIA OFFICE



MapleJet Middle East  
Warehouse No: T5-066  
SAIF Zone, Sharjah,  
UAE

SOUTH ASIA OFFICE



MapleJet India  
Office No. B-104 & B-106  
NX One, Tower 4, Greater Noida  
West, U.P, India. PIN- 201 301