



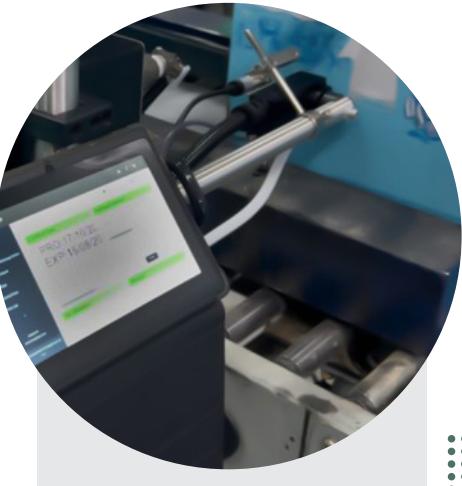
Hx Evo Industrial Inkjet Printer

Delivers high-adhesion, durable coding for pipes, extrusions, cables, cartons, pouches, and other demanding industrial applications.

Up to 18mm

Hx Evo

www.maplejet.com



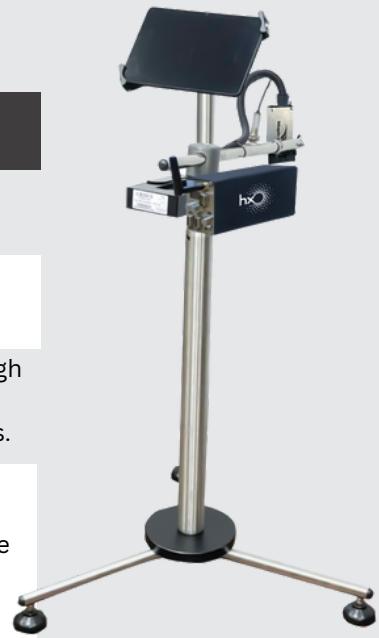
Hx Evo Industrial Inkjet Printer

Hx Evo is MapleJet's industrial-grade coding solution designed for challenging applications such as pipes, extrusions, cables, and other continuous or irregular production lines. Built for durability and consistent performance, Hx Evo delivers high-resolution, non-contact printing at fast line speeds, ensuring crisp, permanent codes even on demanding substrates. Its compact design, robust printhead, and seamless integration capabilities make it ideal for manufacturers looking for a reliable, low-maintenance alternative to traditional CIJ systems.

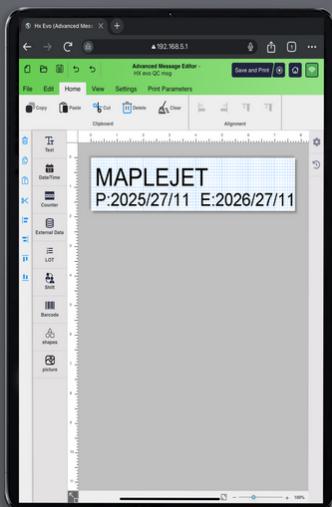


Oil-based Ink

PRINTER MODEL	Hx Evo 18mm (Oil-based Ink)	Hx Evo 18mm (Solvent and UV based Ink)
PRINT HEIGHT	18mm (.7 inches) Permanent Head	18mm (.7 inches) Permanent Head
MATERIAL COMPATIBILITY	Porous substrates	Non-porous substrates
KEY FEATURE	High resolution, fade-proof marks on cartons	High-speed, reliable high adhesion printing for industrial applications.
RECOMMENDED INDUSTRIES	Kraft, cartons, and corrugated boxes used in secondary packaging applications for the food and beverage, and industrial applications	Pipe, cable, extrusion, construction, automotive and industrial manufacturing.



Hx Manager - Easy-to-Use Interface for Message and Individual Printer Control



Web-Based Interface

No app installation required; access via any browser-enabled smart device.

Cross-Platform Compatibility

Works seamlessly on smartphones, tablets, laptops, and PCs.

Real-Time Monitoring

View printer status, ink levels, and production data instantly.

Quick Message Creation & Editing

Design, edit, and manage print messages with ease.

Secure Access

Password-protected user management to ensure safe and controlled operation.



Hx Console – Centralized Multi-Printer Monitoring and Control

Why Hx Evo Printer?



Maintenance-Free Operation



Smart Device Control



Legible & Durable Prints



Low Total Cost of Ownership



Energy Efficient & Sustainable



Small Footprint Printer

Printer Specifications

CONTROLLER

DISPLAY	Optional 7" or 10" HMI with Anti-theft Lock
MESSAGE DESIGN	Advanced Message Editor
MESSAGE CAPACITY	Unlimited (within HMI/Windows PC)
START & STOP TIME	Immediate
PASSWORD PROTECTION	Yes
ALARM	Built in beacon, 128*64 pixel OLED, Buzzer
COMPRESSED AIR REQUIRED	No
NUMBER OF PRINtheads	18mm - 1
SYSTEM LANGUAGE	German, French, Japanese, Portuguese, Spanish, Thai, Turkish, Hindi, Arabic, Mandarin (other languages upon request)
PRODUCT CERTIFICATION	CE
WARRANTY	12-month limited warranty (Terms & conditions apply)

PRINTING FEATURES

RESOLUTION	Vertical 180 dpi, Horizontal 60–180 dpi
MAXIMUM PRINT SPEED	40m/min
LOGO PRINTING OPTION	Yes
BARCODE PRINTING	All types of barcodes including QR Codes
NUMBER OF PRINT LINES	up to 9 (2mm each line for 18mm head)
FONTS	All Windows Fonts
HEIGHT RANGE OF PRINTABLE CHARACTERS	up to 18mm (~.7")
DATE FORMAT	Variety of date format
COUNTERS	Print counter, message counter, and user-defined counter
MESSAGE COMPONENTS	Text Date Time Logo Counter Shift Barcode External Data Lot Number Alphanumeric

CONNECTIONS & INTEGRATION

CONNECTIVITY	Easy connectivity based on customer needs: Wi Fi (Direct and Access Point connections) RS232 USB Cable
POWER SUPPLY	+15VDC, 40Watt AC/DC Desktop Adapter
ENCODER	Optional
TWO OR THREE COLOR EXTERNAL BEACON	Optional
PRINT SENSOR	External Sensor
MOUNTING & STAND	Stainless Steel T-bracket mounting or Tripod Stand

INK SOLUTION

INK TYPE	Standard ink cassette (oil-based, solvent-based and UV-based)
COLOUR	Black, Blue, Red (oil-based); Black, White, Blue, Red, Yellow (UV & Solvent)
INK CASSETTE DIMENSION	163mm x 103.5 mm x 39mm
THROW DISTANCE	up to 8mm
INK RECOGNITION	Automatic

PHYSICAL SPECIFICATIONS

CONTROLLER MATERIALS	Coloured Anodized Aluminum & Stainless Steel
CONTROLLER & INK SYSTEM WEIGHT	2380g
DIMENSION	470 mm x 220 mm x 130 mm
ENVIRONMENTAL CONDITIONS	Temperature 0-50°C, Humidity 0-80%

ADVANCED FEATURES

AUTO NOTIFY	Automatically sends alerts for key events like low ink levels, print job completion, or online data received through selected channels such as USB, RS232, or Wi-Fi (HTTP)—keeping your team informed in real time.
AUTO PILOT	Allows other external device to control and monitor Hx Printer. Any third party device (e.g. PLC), system, or software can send a command to Hx Printer.
DAILY PRODUCTION REPORT	Provides an hourly print report of the printer giving an overview of the complete daily production
ECONOMY MODE	Reduces ink consumption to up to 50 % increasing print quantity
EXTERNAL DATA	Easy integration to external devices e.g. PLC, weighing scale, etc for printing variable data.
INK ESTIMATION CALCULATOR	Provides an estimate number of prints per cartridge based on the message and other parameters
PRINTER HEALTH CHECK	Detects warning/s to avoid future or unwanted downtime
ROLLOVER TIME	Easily customise time and date as to company's required production time or work shift
INTERLOCK SIGNAL CONNECTION	Easily connect the Hx Ultra to your host machine to send real-time output signals—such as Fault, Busy (Printing), and Ready status.



HEADQUARTER



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