

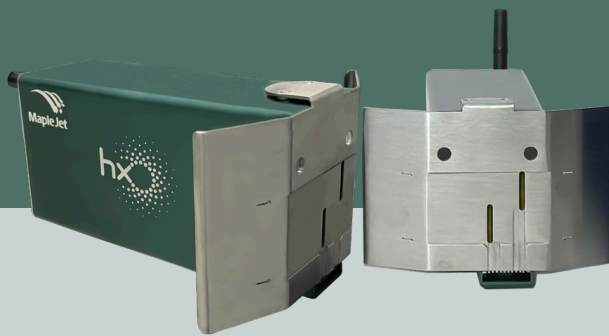
Updated. 07/2025



Industrial Carton Printer

Ideal for marking barcodes, logos, and date codes onto corrugated boxes

Up to 36mm



Hx Cartro

www.maplejet.com



Hx Carto Carton Printer

Hx Carto case coder is a robust light-weight secondary packaging printer that provides efficient, high-quality up to 36 mm print height & zero maintenance printing onto corrugated carton boxes.



Oil-based Ink



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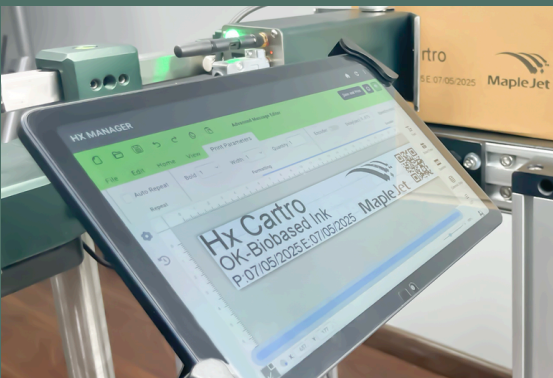


Oil-based Ink



PRINTER MODEL	Hx Carto 18mm (Oil-based Ink)	Hx Carto 36mm (Oil-based Ink)
PRINT HEIGHT	18mm (.7 inches) Permanent Head	36mm (1.4 inches) Permanent Head
MATERIAL COMPATIBILITY	Porous materials	Porous materials
KEY FEATURE	High-resolution printing for absorbent surfaces	Larger character printing for branding & readability
BEST FOR	Clean, detailed prints on cartons/paperboard	Large logos, barcodes, QR Codes and product information
RECOMMENDED INDUSTRIES	FMCG (cartons), Agriculture (sacks), Corrugated packaging	E-commerce, FMCG (cartons/sacks), Warehousing, Distribution Centers
		

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 Cartro Printer for Carton Coding?



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	1) Simple Message Editor 2) Advanced Messaged 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; 36mm - 2
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	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) up to 18 (2mm each line for 36mm head)
FONTS	All Windows Fonts
HEIGHT RANGE OF PRINTABLE CHARACTERS	up to 18mm (~.7") up to 36mm (~1.4")
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) Isolated RS232 USB Cable
POWER SUPPLY	110 to 220 VAC
ENCODER	Optional
TWO OR THREE COLOR EXTERNAL BEACON	Optional
PRINT SENSOR	Two built-in sensors (Left & Right) External Sensor (optional)
MOUNTING & STAND	Stainless Steel T-bracket mounting or Tripod Stand

INK SOLUTION

INK TYPE	Standard ink cassette
COLOUR	Black, Blue, Red (oil-based)
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 Ultro to your host machine to send real-time output signals—such as Fault, Busy (Printing), and Ready status.



Updated 05/2025

OUR DISTRIBUTION NETWORK



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