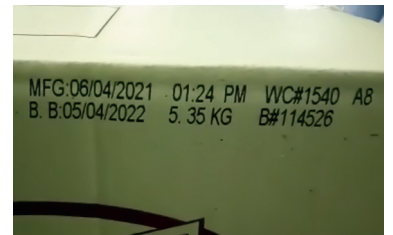
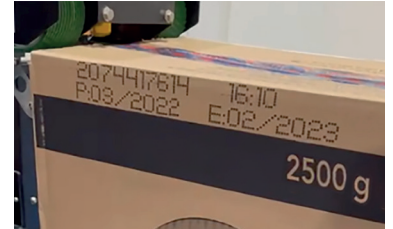


# Hx Cartro Carton Printer



Ideal for marking barcodes logos and dates onto corrugated boxes with a maximum print height of 36mm



**Ideal for marking fade-proof and long lasting** barcodes and date codes for secondary packaging

Call for demo:  
**+971 55 899 0439**



## MAINTENANCE-FREE

Operating the printer is simple and there is no factory maintenance (with Technical Engineer visit) needed to keep the printer's performance.



## LEGIBLE & DURABLE PRINTS

Uses pigment-based ink that produces clear, legible, and long lasting print that are more durable and resistant to fading, water, and UV lights.



## USER FRIENDLY PRINTER

Control and design message using any smart device and there is no need to use SD card to transfer any messages. Cartridge replacement is extremely easy to perform.



## SMALL FOOTPRINT

The printer does not have any bulky parts as it is designed to offer flexibility and compatibility in integration to any secondary packaging lines.

# SPECIFICATIONS

## CONTROLLER

|                         |  |
|-------------------------|--|
| DISPLAY                 | Optional Tablet 10" with Anti-theft Lock   |
| MESSAGE DESIGN          | 1) Web-based Message Editor<br>2) Vanguard Create: Windows-based Message Design Software     |
| MESSAGE CAPACITY        | Unlimited<br>(within Tablet/Windows PC)  |
| START & STOP TIME       | Immediate  |
| PASSWORD PROTECTION     | Yes  |
| ALARM                   | Built in beacon,<br>128*64 pixel OLED, Buzzer  |
| COMPRESSED AIR REQUIRED | No   |
| NUMBER OF PRINTHEADS    | 1  |
| SYSTEM LANGUAGE         | German, Japanese, Chinese, Portuguese, Spanish, Thai, Turkish (other languages upon request) |
| PRODUCT CERTIFICATION   | CE   |
| WARRANTY                | 12-month limited warranty (Terms & conditions apply)   |

## CONNECTIONS & INTEGRATION

|                                    |   |
|------------------------------------|---|
| CONNECTIVITY                       | Easy connectivity based on customer needs:<br>Wi Fi<br>(Direct and Access Point connections)<br>Isolated RS232<br>(optional)<br>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)<br>External Sensor (optional)   |
| MOUNTING & STAND                   | T-bracket mounting or<br>Stand-alone Tripod Stand   |

## INK SOLUTION

|                        |  |
|------------------------|--|
| INK TYPE               | Pigment-based ink; Standard ink cassette |
| COLOUR                 | Black (oil-based)                        |
| INK CASSETTE DIMENSION | 163mm x 103.5 mm x 39mm                  |
| THROW DISTANCE         | up to 8mm                                |
| INK RECOGNITION        | Automatic                                |

## PRINTING FEATURES

|                                      |   |
|--------------------------------------|---|
| RESOLUTION                           | 180 dpi   |
| MAXIMUM PRINT SPEED                  | 40m/min   |
| LOGO PRINTING OPTION                 | Yes   |
| HEIGHT RANGE OF PRINTABLE CHARACTERS | up to 36mm (~1.4")  |
| NUMBER OF PRINT LINES                | up to 18 (2mm each line)  |
| PRINT LANGUAGES                      | All available Windows languages and fonts   |
| FONTS                                | Allows users to load fonts they need  |
| BARCODE PRINTING                     | All types of barcodes   |
| DATE FORMAT                          | Variety of date format  |
| COUNTERS                             | Print, message, and user-defined counter available  |
| MESSAGE COMPONENTS                   | Text   Date   Time   Logo   Counter   Shift   Barcode   External Data   Lot Number   Alphanumeric |

## PHYSICAL SPECIFICATIONS

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

## ADVANCED FEATURES

|                           |  |
|---------------------------|--|
| AUTO NOTIFY               | Events such as 'low ink level', 'printing completed', and 'online data received' can be automatically communicated by choosing selected channels e.g. USB, RS232, and Wi Fi (HTTP) |
| 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. Auto calculation and printing of the product weight                                 |
| FIELD UPGRADE             | Allows the printer's software to be upgraded remotely  |
| 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  |

For more information,  
please visit our website:

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about Hx Cartro