Hx Megalo 70mm Large Character Carton Printer

Ideal for carton branding and printing barcodes logos and dates onto corrugated boxes with a maximum print height of 70mm

ECONOMICAL CARTON PRINTING
Perfect for printing large character prints onto corrugated boxes replacing costly print and apply label machines.

CODE IN ONE FOR BOX PRINTING
Print all information including company details, logos, ingredients, production date, barcodes, etc., in one shot.

USER FRIENDLY PRINTER
Control and design messge using any smart device and there is no need to use SD card to transfer any messages. Cartridge replacement is extemely 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 2) Vanguard Create: Windows-based Message Design Software
MESSAGE CAPACITY	Unlimited (within Tablet/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	1
SYSTEM LANGUAGE	German, French, Japanese, Portuguese, Spanish, Thai, Turkish, Hindi, Arabic, Chinese (other languages upon request)
PRODUCT CERTIFICATION	CE
WARRANTY	12-month limited warranty (Terms & conditions apply)

CONNECTIONS & INTEGRATION

CONNECTIVITY	Easy connectivity based on customer needs: Wi Fi (Direct and Access Point connections) Isolated RS232 (optional) 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	T-bracket mounting or Tripod Stand

INK SOLUTION

INK TYPE	Standard ink cassette
COLOUR	Black, Red, Blue (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 70mm (~2.8")
NUMBER OF PRINT LINES	up to 36 (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
MESSSAGE 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% (special casing for humid environment)

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.