MapleJet

Hx Nitro Thermal Inkjet Printer

Wi Fi Connectivity

Ideal for coding on plastic bottles, plastic pouches, laminated sheets, aluminium cans, metals, and other non-porous materials

Lot No   00215782
Mfg. date   21/6/2022
Exp. date   21/6/2024

Convenience & Ease of Use
Extremely easy to use with its Wi-Fi capability that allows quick message design and control of the printer using any smart device. No intensive training required.

Maintenance-free
There is no factory maintenance needed with an Engineer to maintain the performance of the printer. When troubleshooting is required, it can be done remotely or thru quick training guide available online.

Clean Operation
No messy ink drops in the production line. Perfect for hygeinically demanding production environment.

Low-cost of Ownership
Equipped with advanced coding technology that offers low cost of investment to simplify your coding needs.

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)
START & STOP TIME	Immediate
PASSWORD PROTECTION	Yes
ALARM	Built in beacon, 128*64 pixel OLED, Buzzer
NUMBER OF PRINTHEAD	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)

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
EXTERNAL SENSOR	Yes
MOUNTING & STAND	T-bracket mounting or Tripod Stand

INK SOLUTION

TECHNOLOGY	Funai Cartridge Technology
INK TYPE	Wide range of porous & non-porous ink selection
COLOUR	Black (solvent-based) Black, Red, Blue (water-based/semi solvent-based ink)
CARTRIDGE DIMENSION	60mm x 74mm x 25.5mm
THROW DISTANCE	With normal throw distance ink (4mm) and long-throw distance ink up to 10mm
INK RECOGNITION	Automatic

PRINTING FEATURES

RESOLUTION	600 dpi (standard throw distance ink) 300 dpi (high-throw distance ink)
MAXIMUM PRINT SPEED	120 m/min (160 dpi)
LOGO PRINTING OPTION	Yes
BARCODE PRINTING	All types of barcodes
NUMBER OF PRINT LINES	up to 6 (2mm each line)
HEIGHT RANGE OF PRINTABLE CHARACTERS	up to 12.7mm (~0.5")
FONTS	All Windows Fonts
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 | Alphanumerics

PHYSICAL SPECIFICATIONS

CONTROLLER MATERIALS	Coloured Anodized Aluminum & Stainless Steel
CONTROLLER WEIGHT	910gm
DIMENSION	146 mm x 60 mm x 84 mm
ENVIRONMENTAL CONDITIONS	Temperature 0-50°C, Humidity 0-80% (special casing for humid environment0

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:

www.maplejet.com

T | +1 (833) 387 7490
E | sales@maplejet.com
4 Vata Court, Unit 20
Aurora, Ontario L4G 4B6
Canada

Scan to learn more
about Hx Nitro