

NEW!

**One Unit
One Cartridge
One Powerful
Solution**



HSAJET® MCI Printer



Plug & Play Solution

- **All-in-One Design**
Fully integrated stand-alone unit
- **Fast Setup**
Install and start printing in minutes
- **Easy Operation**
Intuitive interface, no training required
- **Low Maintenance**
Smart Ink Cartridges with automatic detection, clean and tool-free cartridge replacement



Intuitive Design Software

- **Easy Creation**
Text, dates, barcodes, and graphics
- **Flexible Layouts**
Full control of design and content
- **Multi-lingual Ready**
Unicode support, any font or language
- **Smart Content**
Quick image upload, linked fields, ready to print in no time



Performance Beyond Its Class

- **Stable Operation**
Raspberry Pi-based platform for fast, consistent performance
- **Robust Build**
Aluminium and steel construction for demanding environments
- **Reliable Results**
Consistent, sharp prints on products and packaging
- **Industry-Ready**
Industrial compliance, ideal for the food & beverage industries, and more

HSAJET® MCI Printer

European High-Quality Printers

The MCI printer is made from robust, durable aluminium and steel parts and manufactured at our locations in the Czech Republic and in Denmark.

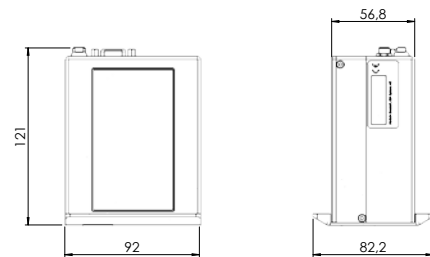
Our printers, software, and accessories are proprietary, in-house developed at our R&D sites in Denmark, to ensure the highest level of quality and control.



Technical Details	
Item Number & Name	22701000 HSAJET® MCI 0.5" Printer
Technology	HP TIJ 2.5 w. Smart Card Technology
Platform	Industrialised Raspberry PI platform with Linux OS
User Interface	4.3" TFT LCD (resistive touch) Screen orientation can be rotated in 90° intervals. Menus for operation of printer and connected hardware, printer maintenance, surveillance of print job, etc
Design Software	UniDraw for Windows (Win 10 & 11) Label design software
Print Height	12.7 mm (0.5") (1-pen)
Print Distance	0.5 - 5.0 mm (from nozzle to surface)
Resolution	Horizontal: from 100 to 2400 dpi (variable dpi) Vertical: 300 or 600 dpi
Max Length	4.0 m @ 200 dpi 2.7 m @ 300 dpi
Print Speed	Up to 182 m/min @ 300x300 dpi Higher speeds can be achieved at lower dpi
Languages	Language packages included: English, Chinese (simplified & traditional), Danish, Dutch, French, German, Italian, Japanese, Portuguese, Russian, and Spanish Full Unicode support. User interface, menus, and keyboard can be translated into any language
Job Bank	Up to 100 print jobs on controller
Smart Card Features	Automatic detection of ink cartridge, auto adjustment of ink parameters, monitoring of ink level
Flight Mode	Live fine-tuning of print alignment and offsets without stopping the line
Encoder Rollback	Detection of print position enabling media to reverse without losing print position
Ink Cartridges	Large range of HSAJET® HP45si and HP45ai cartridges with smart card available in black, white, and various colours for most substrates. Bulk ink supply available
Accessories	Beacon, encoder, and sensor (built-in sensor included) I/O Interface box, full line bracket system

Layout Options with UniDraw	
Barcodes	Barcodes, various types of 1D and 2D barcodes, GS1 barcodes
Graphic	jpg, png, and bmp, automatic dithering, scalable graphics
Text	Unlimited number of characters, alphanumeric text in all languages, all fonts can be imported and used
Date & Time	Free definition of date format, unlimited date format strings, localised date formats, real-time and adjustable
Counters	Free counter formatting, digit count, and thousand-digit separators
Shift Codes	Unlimited number of rules without string length limit
Languages	All languages, fonts, and writing systems are supported
Object Options	Bold/italic/underline, left/right/centre alignment. Free rotation and scaling of objects, mirror and flip, limitless content length, link between content, multiple type of data per field
Smart Content Relations	Field content can be linked from one to another, the destination may be formatted differently. Relations make duplicate input unnecessary

Check the individual technical datasheets for the MCI Printer and UniDraw design software for more details.



The MCI Printer is compatible with Software label design software.



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Safety evaluated in compliance with
EN/UL 62368-1 standard



READ MORE ABOUT HSAJET® PRINTERS
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