

HSAJET® Premium Printers

Flexible, Reliable and Straightforward



HSAJET®
Premium Series
utilises HP TIJ 2.5
Technology

Premium Printers

MiniTouch Premium (50.8 mm / 4 pens)

MiniTouch is easily operated from a built-in 5.7" touch screen with intuitive icons. The unit can be operated remotely via Ethernet or a serial connection. The MiniTouch can print up to 50.8 mm in print height by connecting a printhead or several printheads in combination. The print job is designed either on the MiniTouch or on a PC with the accompanying software.

Well-suited for printing counters, date/time, fixed text, shift codes, variable 1D and 2D codes, graphics and text from simple databases in csv format.



MiniTouch

TIPC15 Touch Controller Premium (101.6 mm / 8 pens)

TIPC15 allows for all kinds of printing jobs, including printing from databases. TIPC15 can be operated remotely via Ethernet or serial connection. The print job is designed directly from the 15" touch screen. The printer can print up to 101.6 mm with one printhead or several printheads in combination.

Well-suited for printing variable text, counters, date/time, shift codes, graphics, all types of barcodes, and 2D codes.



TIPC15

CB6e Controller Coard Integrated with PC (203.2 mm / 16 pens)

The CB6e controller board solution can be used for print heights from 50.8 to 203.2 mm. This is our most flexible solution, which comes built into to a normal PC or in a rack PC.

Well-suited for all kinds of print jobs and printing from different database formats, including XLSX, CSV and TXT.



OPC/RPC/CBF

Interface Box with Control Signal for CB6e

The Interface Box for CB6e is an essential accessory for the CB6e controller, allowing direct wire connections via terminal blocks, which simplifies installation by eliminating the need for soldering. It supports connections for a product sensor and beacon, and provides multiple input/output configurations. The box offers galvanically isolated input/output signals for enhanced safety and flexibility. Additionally, it features LED's for easy visual verification of signal functionality, ensuring efficient and reliable control and connectivity.



Interface Box for CB6e



CASE

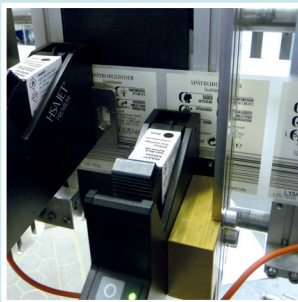


500 mm Print of Variable Data on Labels

A customer was looking for a printing solution that would allow fast printing of high quantities of labels with rows and columns of 2D codes and OCR with variable data.

The solution from HSA Systems was an HSAJET® Premium printer configured with CB6e controller boards and five 8-pens premium print heads offering a full print height of 500 mm.

CASE



Printing on Self-Adhesive Labels

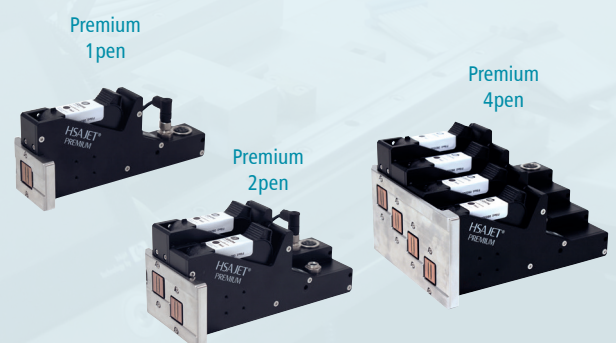
A wine producer needed a printer for marking pre-printed self-adhesive labels for wine bottles with variable production data. The printer had to be integrated into the customer's production line and installed on a Herma label dispenser.

HSA Systems provided an HSAJET® MiniTouch Premium printer with two Premium printheads. The two printheads, each with a print height of 12.7 mm, are offset from each other, so that they can print on different parts of the label. This flexible solution enables the marking of pre-printed labels with variable production data, such as 2D codes, barcodes, date and time.

The customer uses HSAJET® K4032si Odin Black Solvent Ink, which delivers a black, sharp, durable print in high resolution on the glossy labels, to match the exclusive quality of the pre-printed label.

HSAJET® Premium Printheads

- Premium printheads are available as standard as: 1, 2, 3, 4, 6, 8, 10 or 12 pens
- Other configurations are available upon request
- The reversible footplate can be turned depending on whether printing is done from the right or the left
- Keypad with LED signal to indicate low ink level, purge button and reset button on each pen
- Quick and easy cartridge replacement



HSAJET® Premium Printer Series

European High-Quality Printers

The Premium printers are made from high-quality aluminium and steel parts, manufactured at our locations in Denmark and the Czech Republic.

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.



HSAJET® inks are delivered in genuine HP45A, HP45ai or HP45si cartridges

Printhead Key Features



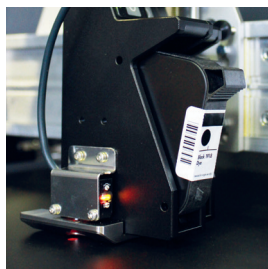
LED low ink signal and reset button on each head

An LED indicator illuminates when ink is low, and the indicator can be reset from the keypad once the cartridge has been replaced.



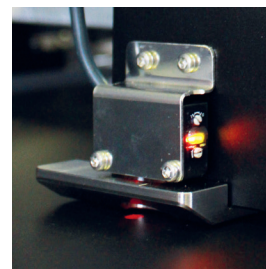
One and same foot plate for left and right travel of pieces

The footplate can easily be rotated 180° if the opposite printing direction is required.



Quick and easy cartridge replacement

The ink cartridge is easily placed and held in the correct position without a latch. The printhead's shape prevents damage to the pogo-pin connectors and cartridge contact points when installing the cartridge.



Built-in sensor

A sensor can be mounted directly on the printhead, on either the left or right side of the printhead – or both!

An optional external sensor can be connected for horizontal print jobs and special vertical print jobs.

Vertical resolution (DPI)	Horizontal resolution 75-2400 DPI (variable)* speed examples (m/min)			
	75 DPI	300 DPI	600 DPI	2400 DPI
600 DPI	304	76	38	10
300 DPI high speed	608	152	76	19
300 DPI (row A)	304	76	38	10
300 DPI (row B)	304	76	38	10

*) Dependent on controller and software

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Check technical datasheets for each product for more details.

READ MORE ABOUT HSAJET® INFINITY PRINTERS AND OUR OTHER PRODUCTS ON WWW.HSASYSTEMS.COM