

# Ucon Printer Controller

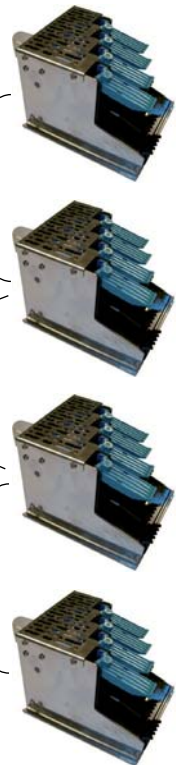
Ucon 16

## HSAjet Ucon Controller:

- HP TIJ 2.5 technology
- Control via USB - no hardware in PC
- With the full capacity of 16 pens, the Ucon can print an A4 pagewidth
- Single or Multiple Time Zone use
- Print on stock shorter than the print head (multiple pages at the same time)
- Each page can have graphics, fixed text, variables and information from databases
- Easy installation; connect via USB and daisychain printheads



Ucon 1-16



## Freedom in Image Design

With multiple time zones, you can use a separate encoder and start signal for each channel. This allows you to control two separate production lines, all with the same controller. With use of a single time zone you get increased print height for e.g. pageprinting.

Head offsets can be longer than the page width, allowing you to print on short pages, labels or items with multiple heads.



# Technical Details

Ucon 16

## Key features:

- Up to 16 stalls per unit (8")
- Can be controlled from any PC via USB
- No hardware to be installed in PC
- A perfect choice for integration on e.g. web and converting lines
- Web / continuous print in 300x300 dpi, 150 m/min
- With fast-drying ink, even glossy materials can be printed
- Hot plug controller via USB
- No service nor maintenance is required on the unit
- Units can be chained e.g. 2 x 16 pens
- Ucon32 soon available - Ask for details

## Software advantages:

- Single or multiple time zone use
- Full freedom in head offset
- High accuracy in X and Y stitching
- Comprehensive communication protocol
- Output signals for external equipment
- Fully variable with database connectivity
- Page print functionality. With the full capacity of up to 16 pens, the Ucon can print an A4 pagewidth.
- Print forms/labels that are shorter than the print head (multiple pages print at the same time)
- Each page can have graphics, fixed text, variables and information from databases.

## Printing capability:

Max printheight/pen: 12.7 mm (1/2")  
Max printheight total: 203.2 mm (8")

Number of messages: unlimited  
Number of lines: unlimited  
Message length: max 2700 mm

Time zones: 1 or 2  
Variable data: Counter, Time, Date, Barcode, Database  
Graphics: Bitmap, Jpeg

Distance to surface: 0.5 - 2.0 mm

Print speed  
(horizontal x vertical):  
600x600 dpi 38 m/min  
600x300 dpi 76 m/min  
300x300 dpi 152 m/min  
150x300 dpi 306 m/min  
In software, type in any dpi and max line speed is calculated.

Technology: HP TIJ 2.5

Interface: USB  
I/O connector  
Ethernet /Serial  
Product sensor 5-24V  
Encoder input 5-24V

## Technical Data:

Dim (WxLxH): 260 x 110 x 220 mm  
Weight: 3.4 kg

Power supply: 85-265VAC, 150 W

Software: Mail InkDraw / OBJ

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