

# HSAJET® Controller Unit CU

The HSAJET CU is a high-resolution  
Print Controller Unit



THE CU HAS AN INTEGRATED  
KEYBOARD / DISPLAY

In combination with HSAJET printheads it has  
the function of a stand-alone system.

The CU is equipped with LAN and Serial communication  
allowing remote controlled variable printing.

## A compact Controller Unit handling up to 2" print height:

- HP TIJ 2.5 TECHNOLOGY
- UP TO 4 STALLS PER UNIT
- COMPACT STAND-ALONE CONTROLLER
- JOBS PRE-STORED ON CF CARDS
- ACCESS PARAMETERS FROM KEYBOARD
- SERIAL OR ETHERNET CONNECTION
- PROMPT FUNCTIONS
- REQUIRES A MINIMUM OF SKILL AND TRAINING
- IDEAL FOR INTEGRATION ON E.G.  
WEB, INSERTERS, FOLDERS, COLLATORS ETC.



THE CU CONTROLS UP TO 4 HP PENS IN  
ANY COMBINATION OF 1 AND 2 PEN HEADS,  
OR SINGLE 3 OR 4 PEN HEADS.

# Technical Details

## CONTROLLER UNIT CU

### KEY FEATURES - CU:

#### Integrated keyboard

- BITMAPS
- LOGO PRINTING
- COUNTER PRINTING
- DATE & TIME PRINTING
- BARCODE PRINTING
- MULTIPLE FONTS

Compared to the Tiny Controller Unit, the CU has the following extra features:

- EDIT VARIABLE CONTENT DIRECTLY
- INPUT ACCENTED CHARACTERS
- EDIT PARAMETERS ON UNIT
- HAVE MORE VARIABLE FIELDS
- CONTROL MORE HEADS (4 PENS)
- PRINT ON OTHER SIDE
- COMMUNICATE BY RS232 / ETHERNET
- PRINT VARIABLE BARCODES
- PROTECT ACCESS BY PASSWORD

#### Accessories:

- COMPACT FLASH CARD
- READER/WRITER FOR CF CARD
- SENSOR AND ENCODER
- BRIDGES AND BRACKETS

Resolution (DPI)	Max. speed (m/min)
600 x 600	38
300 x 300	76
300 x 150	306

#### Printing capability:

Max printheight/pen: 12.7 mm  
Max printheight total: 50.8 mm

Variable data: Counter  
Time  
Date  
Barcode  
Text prompt

Graphics (PC): BMP / Jpeg  
Distance to surface: 0.5 - 2.0 mm

#### Max print message length:

Dynamic, depending on font size and resolution.  
Max possible length: 2.7 m

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

#### Technical Data - CU:

Power supply: 85 - 265V external  
Dim (WxLxH): 155 x 210 x 90 mm  
Weight: 1.4 kg

Inkjet  
Technology by   
invent

DEALER:

  
**HSA** SYSTEMS  
A UNIQUE IMPRINT

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