HSAJET®
Controller Unit CUF

The HSAJET® CUF controller is for high resolution printing for up to 2" print height

THE CUF HAS INTEGRATED
KEYBOARD & DISPLAY

HSAJET® Controller Unit

The HSAJET® Controller Unit (CUF) is the ideal printing solution for small messages i.e. for printing text, barcode, counters, date/time, and graphics. Ideal for integration on webs, inserters, folders, collators and other equipment.

It is a very compact solution and calls for a minimum of maintenance, moreover only a minimum of skill and training is required to operate and maintain the Controller Unit. The design is made in stainless steel and can easily be implemented in production areas.

HP TIJ 2.5 technology

The HSAJET® Controller Unit is based upon reliable HP TIJ 2.5 technology which delivers consistent, high-quality, fast printing, exceptional value, and ease of use.

Printheads

The CUF is compatible with the HSAJET® F-type printheads and is able to control up to 4 pens (2" print height). You can add max 2 printheads either as single printheads of 1, 2, 3, and 4-pens or in a combination of 1+1 pen, 2+2 pen, 1+2 pen, 1+3 pen with an HPHF Jumper Box.

Bidirectional and Double Printing

With the Controller Unit bidirectional printing is supported. This enables you to print from the opposite side using the same layout. The CUF also supports double printing, which enables you to print the same layout simultaneously in same printing direction, e.g. on two sides of a box.

Connection

The Controller Unit is equipped with ethernet and serial communication allowing full remote controlled variable printing. In combination with HSAJET® printheads it has the function of a stand-alone system.

Protection of Print Jobs

You are able to protect the access to the CUF by adding a password. With a password protection you minimize the risk of altering any print jobs by mistake. Additionally you are able to lock objects in the print layout to protect them from unintended changes.

Print at breakthrough speeds of up to 300 m/min (984 ft/min) in 300 x 150 dpi

- GRAPHICS
- TEXT (ALPHANUMERICAL)
- COUNTERS
- VARIABLE TEXT (PROMPT)
- DATE & TIME (REAL-TIME & ADJUSTED)
- LINEAR & 2D BARCODES (FIXED)*
- WINDOWS FONT

* For information on specific barcodes please go to www.hsasystems.com

Technical Details

HSAJET® CONTROLLER UNIT   CUF

Technology
HP TIJ 2.5

Printhead frequenzy
15 KHz

Print height
Up to 50.8 mm / 2"

Print heads
1, 2, 3 or 4-pen printheads

Print distance
0.5-2.0 mm (nozzle to print surface)

Voltage
100-240 VAC

Print buffer
CUF: 64 MB

Memory
CF Card: <2 GB

Screen
2 line LCD display

Design software
OBJ InkDraw (special section)

Software menu language
English (multiple languages)

Print features
Left/Right
Upside-down
Other side
Bidirectional

Layout features
Max. length 65536 px
  (~277 cm in 600 DPI)
Works with mm/inch/point/pixel

Remote controlling
Start/stop
Exchange job
Change field content per print
Change print preferences/parameters

Interface
CF card (FAT format, max 2. GB)
RS232 (serial)
100 Mbit Ethernet (LAN)
Encoder Input 3-33 V (SUB D9)
Product Sensor 3-33 V (SUB D9)

Resolution (DPI) (horizontal x vertical)	Max. speed	
	m / min	feet / min
600 x 600	38	125
300 x 300	76	250
300 x 300 HS	152	500
300 x 150 HS	306	1000

Signals
Low ink signal
Print signal
Print message signal
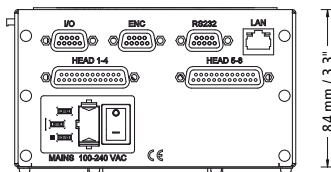
Complies to
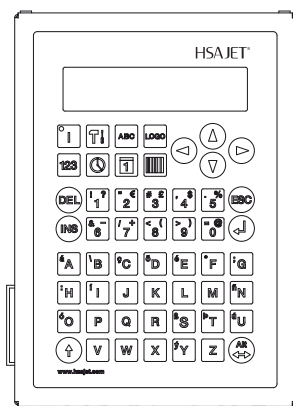CE directives

Housing
Stainless steel

Weight
1.4 kg / 3.1 lbs

Accessories
- Compact flash card (CF)
- CF card Reader/writer for PC
- Sensor and encoder
- Bridges & brackets
- Mountings (prepared for Inocon 53 mm)
- F-type printheads (see other flyer)
- HPHF Jumper Box

Jumper Box for data selection on HPHF printers

84 mm / 3.3"

210 mm / 8.3"

150 mm / 5.9"

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DISTRIBUTOR:

HSA USA
The first choice in package printing.

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