

# HSAJET-CU



### Flexible Solution

The HSAjet CU printing solution is a very flexible printing solution for various printing demands. The HSAjet CU prints text, logos, counters, barcodes, time, dates, and has a multiple number of fonts available. The maximum number of messages to be created is 100, and with a length of 2000 mm. The HSAjet CU enables a total print height of 72 mm. The HSAjet CU can be operated via keyboard and display which are integrated parts of the printing unit. This gives you the possibility of controlling and operating the printer directly in the production area and thereby providing you with easy access.

### Advanced Technology

The HSAjet CU controls printheads using the Xaar printing technologies based on the piezo inkjet technology, as well as HP printheads based on the thermal inkjet technology. These inkjet printheads are capable of handling a wide variety of ink types, including oil-based, solvent, and UV inks. In addition, it can be used to print onto almost any surface such as porous and non-porous material, and the print resolution is extremely high when using these printing technologies. In fact, the resolution is up to 600 dpi. to printing data. The HSAjet CU has a design of stainless steel, and can easily be implemented in production areas.



inkjet technology by  
  
invent  
  
High resolution industrial inkjet printers

**HSAjet-CU** is a high resolution controller unit, and connected to our standard printers and HP printheads the HSAjet CU functions as a standalone system. The HSAjet CU can be mounted directly in the production area and demands a minimum amount of staff training.

*Tomorrows Technology Today*

# HSAJET CU

		HSAjet CU XJ128 - XJ128 +	HSAjet CU XJ126	HSAjet CU XJ500	HSAjet CU HP
<b>Features</b>					
text printing		yes	yes	yes	yes
max. number of text-fields		100	100	100	100
text length (characters)		255	255	255	255
logo printing		yes	yes	yes	yes
counter printing		yes	yes	yes	yes
barcode printing		yes	yes	yes	yes
max. number of barcodes		10	10	10	10
time & date printing		yes	yes	yes	yes
multiple fonts		yes	yes	yes	yes
message creation from template (prompt)		yes	yes	yes	yes
<b>Performance</b>					
max. number of messages		100	100	100	100
max. message length (mm)		2000	2000	2000	2000
max. print height (mm)		70	70	70	50.8
print speed (m/min)		35	43	34	30 (600 dpi)
drop size (pL)		80	80	80 - 40	40
max. resolution (dpi)		185	185	180 - 360	600
memory capacity (mb)		8	8	8	8
ink firing frequency (kHz)		4.25 - 5.50	5.00	4.00 - 8.00	12.50
max. controllable print heads		4 x XJ128	4 x XJ126	1 x XJ500	4 x HP
<b>Technology</b>					
piezo		x	x	x	
thermal					x
<b>Printing Orientation</b>					
side-to-side		yes	yes	yes	(yes)
from-up-to-down		yes	yes	yes	yes
distance to print surface, max.		3 mm	3 mm	3 mm	3 mm
distance to print surface, min.		0.5 mm	0.5 mm	0.5 mm	0.5 mm
<b>Screen Interface</b>					
Integrated keyboard display		yes	yes	yes	yes
<b>Interface</b>					
RS232		yes	yes	yes	yes
RS485		optional	optional	optional	optional
<b>Inputs</b>					
product sensor ("-" or "+" edge)		1	1	1	1
Encoder (5V or 24V, quad or position)		1	1	1	1
<b>Mechanical Dimensions</b>					
L x W x H - controller (mm)		200 x 140 x 85	200 x 140 x 85	200 x 140 x 85	200 x 140 x 85
mechanical support / brackets		yes	yes	yes	yes
<b>Power Supply</b>					
external / internal voltage (V)		external 110 / 230	external 110 / 230	external 110 / 230	external 110 / 230
frequency (Hz)		50 / 60	50 / 60	50 / 60	50 / 60
<b>Environmental Conditions</b>					
operating temperature range (°C)		10 - 40	10 - 40	10 - 40	10 - 40
humidity (%)		10 - 90 non-condensing	10 - 90 non-condensing	10 - 90 non-condensing	10 - 90 non-condensing
IP approval (rating)		54	54	54	54
CE compliant		yes	yes	yes	yes
<b>Warranty</b>					
equipment		1 year	1 year	1 year	1 year
service (minimum)		5 years	5 years	5 years	5 years

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