

HSAjet CU

Flexible Industrial Inkjet Printing Solution

The HSAjet CU is a high-resolution controller unit, and connected to our standard printers and HP printheads the HSAjet CU functions as a stand-alone system. The HSAjet CU can be mounted directly in the production area and demands a minimum amount of staff training. Furthermore, the HSAjet CU enhances productivity due to its flexible presentation.



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 width 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

to printing data. The HSAjet CU has a design of stain-less steel, and can easily be implemented in production areas.



Advanced Technology

The HSAjet CU controls printheads using the Xaar and SII 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.



XAAR

SII

inkjet
technology by 
invent

HSAjet CU

		HSAjet CU	HSAjet CU	HSAjet CU	HSAjet CU	HSAjet CU
Features		XJ126	XJ128	XJ500	SII IRH Series	HP
	text printing	yes	yes	yes	yes	yes
	max. number of text-fields	100	100	100	100	100
	text length (characters)	254	254	254	254	254
	logo printing	yes	yes	yes	yes	yes
	counter printing	yes	yes	yes	yes	yes
	barcode printing	yes	yes	yes	yes	yes
	max. number of barcodes	10	10	10	10	10
	time + date printing	yes	yes	yes	yes	yes
	multiple fonts	yes	yes	yes	yes	yes
	message creation from template (prompt)	yes	yes	yes	yes	yes
Performance						
	max. number of messages	100	100	100	100	100
	max. message length (mm)	2,000	2,000	2,000	2,000	2,000
	max. print height (mm)	70	70	70	72	50.8
	print speed (m/min)	43	35	34	35.5	600 dpi = 30 m/min
	drop size (pL)	80	80	80	38	400
	max. resolution (dpi)	185	185	180	180/300	600
	memory capacity (mb)	8	8	8	8	8
	ink firing frequency (kHz)	5.00	4.25	4.00	7.00	12
	max. controllable printheads	4 x XJ126	4 x XJ128	1 x XJ500	1 x SII	4 x HP
Technology						
	piezo	x	x	x	x	
	thermal					x
Printing Orientation						
	side-to-side	yes	yes	yes	yes	(yes)
	from-up-to-down	yes	yes	yes	yes	yes
	distance to print surface, max.	3 mm	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	0.5 mm
Screen Interface						
	integrated keyboard display	yes	yes	yes	yes	yes
Interface						
	RS232	yes	yes	yes	yes	yes
	RS485	optional	optional	optional	optional	optional
Encoder						
	quadratur	yes	yes	yes	yes	yes
Mechanical Dimensions						
	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	200 x 140 x 85
	mechanical support / brackets	yes	yes	yes	yes	yes
Power Supply						
	external / internal	internal	internal	internal	internal	internal
	voltage (V)	115 / 230	115 / 230	115 / 230	115 / 230	115 / 230
	frequency (Hz)	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
Environmental Conditions						
	operating temperature range (°C)	10 - 40	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	10 - 90 non-condensing
	IP approval (rating)	54	54	54	54	54
	CE compliant	yes	yes	yes	yes	yes
Warranty						
	equipment	1 year	1 year	1 year	1 year	1 year
	service (minimum)	5 years	5 years	5 years	5 years	5 years



For further details, please contact us:

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