



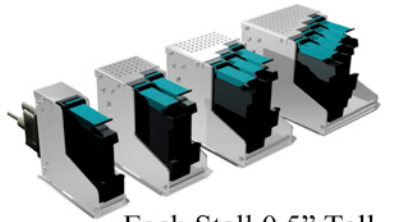
# HSAJET-CT



2.8" Tall



0.7" Tall



Each Stall 0.5" Tall

### Flexible Solution

The HSAjet CT printing solution is a very flexible printing solution for various printing demands. The HSAjet CT prints text, logos, counters, barcodes, time, dates, and has a multiple number of fonts available. The maximum number of messages to be created is unlimited, and with a length of 4500 mm. The HSAjet CT enables a total print height of 280 mm. The HSAjet CT can be connected via supplied Ethernet and RS232. This gives you the possibility of controlling and operating the printer from anywhere in the production area and thereby providing you with full control.

### Advanced Technology

The HSAjet CT 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, water, 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 CT has a design of stainless steel, and can easily be implemented in production areas.



HSAjet-CT is a high resolution controller, connected to our standard printers and HP printheads the HSAjet CT functions as a standalone system. The HSAjet CT is an advanced and high-resolution printing solution with multiple printing possibilities.

inkjet technology by



invent



High resolution industrial inkjet printers

*Tomorrows Technology Today*

# HSAJET CT

Software Features		HSAjet CT XJ128 - XJ128 +	HSAjet CT XJ126	HSAjet CT XJ500	HSAjet CT HP
text printing		yes	yes	yes	yes
max. number of text-fields		unlimited	unlimited	unlimited	unlimited
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		unlimited	unlimited	unlimited	unlimited
time & date printing		yes	yes	yes	yes
database / mail function		yes	yes	yes	yes
form 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		unlimited	unlimited	unlimited	unlimited
max. message length (mm)		4,500	4,500	4,500	2000
max. print height (mm)		280 mm per card	140 mm per card	280 mm per card	50.8 per card
print speed (m/min)		35	43	34	30 (600 dpi)
drop size (pL)		80	80	80 - 40	40
inks		Oil, solvent	Oil, UV cured	Oil, UV cured	Water
ink System (bulk capacity available)		500 ml bottle	500 ml bottle	500 ml bottle	42 ml cartridge
max. resolution (dpi)		185	185	180 - 360	600
memory capacity (GB), Ram (MB)		40, 256	40, 256	40, 256	40, 256
Pentium Processor / Windows 2000 standard, Optional Windows XP, NT		yes	yes	yes	yes
max. controllable print heads		16 x XJ128	8 x XJ126	4 x XJ500	12 total, 4 x HP per card
print head cable length		25'	25'	25'	6'
<b>Technology</b>					
piezo		x	x	x	
thermal					x
<b>Printing Orientation</b>					
side-to-side / 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>					
15" color display, full size keyboard with integrated trackball mouse		yes	yes	yes	yes
<b>Interface</b>					
RS232		yes	yes	yes	yes
RS485		optional	optional	optional	optional
Ethernet (4 ports)		yes	yes	yes	yes
<b>Inputs/Outputs</b>					
product sensor ("-" or "+" edge)		1 per card	1 per card	1 per card	1 per card
Encoder (5V or 24V, quad or position)		1 per card	1 per card	1 per card	1 per card
<b>Mechanical Dimensions</b>					
Width x Depth x Height - controller		16" x 15" x 23"	16" x 15" x 23"	16" x 15" x 23"	16" x 15" x 23"
<b>Power Supply</b>					
internal voltage (V)		Internal 250 W 115 / OPT 220	Internal 250 W 115 / OPT 220	Internal 250 W 115 / OPT 220	Internal 250 W 115 / OPT 220
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
<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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