

HSAJET-TIPC



Flexible Solution

The HSAjet TIPC printing solution is a very flexible printing solution for various printing demands. The HSAjet TIPC 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 TIPC enables a total print height of 280 mm. The HSAjet TIPC 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 TIPC 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 TIPC has a design of stainless steel, and can easily be implemented in production areas.



inkjet
technology by



HSAjet

High resolution
industrial inkjet printers

HSAjet-TIPC is a high resolution controller, with an integrated 15" touch screen panel. The HSAjet TIPC is an advanced and high-resolution printing solution with multiple printing possibilities.

Tomorrows Technology Today

HSAJET TIPC

Software Features		HSAjet TIPC XJ128 - XJ128 +	HSAjet TIPC XJ126	HSAjet TIPC XJ500	HSAjet TIPC 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
Performance					
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	140 mm	280 mm	50.8
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	1 total, 4 x HP per card
print head cable length		25'	25'	25'	6'
Technology					
piezo		x	x	x	
thermal					x
Printing Orientation					
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
Screen Interface					
15" color touch screen		yes	yes	yes	yes
Interface					
RS232		yes	yes	yes	yes
RS485		optional	optional	optional	optional
Ethernet (4 ports)		yes	yes	yes	yes
Inputs/Outputs					
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
Mechanical Dimensions					
Width x Depth x Height - controller		13.8" x 6.9" x 11.3"	13.8" x 6.9" x 11.3"	13.8" x 6.9" x 11.3"	13.8" x 6.9" x 11.3"
Power Supply					
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
Environmental Conditions					
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
Warranty					
equipment		1 year	1 year	1 year	1 year
service (minimum)		5 years	5 years	5 years	5 years

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