HSAJET-CT

2.8" Tall

Each Stall 0.5" Tall

0.7" 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.

XXAAR

inkjet technology by

hp invent ®

HSAjet

High resolution industrial inkjet printers

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.

HSAJET CT

		HSAjet CT XJ128 - XJ128 +	HSAjet CT XJ126	HSAjet CT XJ500	HSAjet CT HP
Software Features					
	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 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'
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 display, full size keyboard with integrated trackball mouse	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	16" x 15" x 23"	16" x 15" x 23"	16" x 15" x 23"	16" x 15" x 23"
Power Supply					
	internal	Internal 250 W	Internal 250 W	Internal 250 W	Internal 250 W
	voltage (V)	115 / OPT 220	115 / OPT 220	115 / OPT 220	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