

High Quality Inkjet Printing Solution for Simple Printing Jobs and Integration Purposes

The HSAjet TCU (Tiny Controller Unit) is a cost-effective printing solution designed for limited printing jobs still requiring a high-resolution and high quality print.

It is the ideal solution for simple printing jobs, e.g. stamping of cheques, paper documentation, pre-coding, internal logistics, date documentation, or integrated in e.g. Perforating, Scoring & Slitting Systems

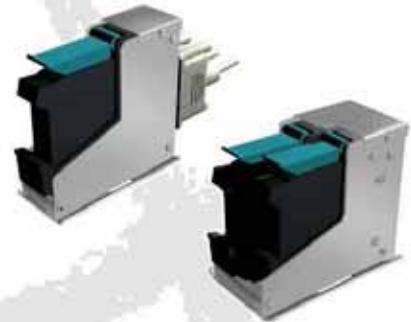


Advanced Technology

The HSAjet TCU is based on a standard HP cartridge and makes use of the thermal inkjet technology. Thermal inkjet technology places small ink drops extremely accurately and gives a very high image and text quality.

The ink is available in either black or spot colour, which enhances possible printing applications.

The HSAjet TCU also enables printing on almost any stock, such as envelopes, offset paper, coated or super coated.



Ideal Solution

The HSAjet TCU is the ideal printing solution for small messages, i.e. text, barcode, counter, time/date and logo printing.

It is a compact solution and calls for a minimum amount of maintenance. No special training is required to operate and maintain the HSAjet TCU. The HP45 Cartridges are easy to install. Bulks available for the system.

In addition, the HSAjet TCU has a design of stainless steel and can easily be implemented in production areas.



Various controlling units!

The unit can be controlled in various ways. Choose between CPU, integrated keypad or simply attach a control terminal. The many controlling possibilities are ideal for integration purposes

HSAjet TCU



		HSAjet TCU HP
Features		
text printing		no fixed text (BMP only)
max. number of text-fields		-
text length (characters)		-
logo printing		message = logo
counter printing		yes
barcode printing		optional
max. number of barcodes		1
time + date printing		yes
multiple fonts		yes
message creation from template (prompt)		no
Performance		
max. number of messages		1
max. message length (mm)		400
max. print height (mm)		25.4
print speed at 300 dpi (r/min)		30
drop size (pL)		40
max. resolution (dpi)		300
memory capacity (Mb)		0.5
ink firing frequency (kHz)		12
max. controllable printheads		2 x HP
Technology		
thermal		x
Printing Orientation		
from-up-to-down		yes
side-to-side		(yes)
distance to print surface, max. (mm)		3 mm
distance to print surface, min. (mm)		0.5 mm
Interface		
RS232		yes
RS485		optional
download from PC		yes
Encoder		
quadratur		yes
Mechanical Dimensions		
L x W x H - controller (mm)		120 x 50 x 110
mechanical support / brackets		yes
Power Supply		
external / internal		external
voltage (V)		115 / 230
frequency (Hz)		50 / 60
Environmental Conditions		
operating temperature range (°C)		10 - 40
humidity (%)		10 - 90 non-condensing
IP approval (rating)		54
CE compliant		yes
Warranty		
equipment		1 year
service (minimum)		5 years



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