General

Product Number	22502010
Product Name	HSAJET® MCX Compact 0.5" Printer (2 pens) SBS SC
Manufacturer	HSA Systems A/S

Printing Features

Technology	HP TIJ 2.5 w. smart card technology
Throw Distance	0.5-5.0 mm (from nozzle to surface)
Print Height	Up to 12.7 mm (0.5") (2 pens side by side)
Print Length	Up to 4.0 m @ 200 dpi	2.7 m @ 300 dpi
Frequency	18 kHz (cartridge dependent)
Resolution	Horizontal: from 100 to 2400 dpi (variable dpi) Vertical: 300 or 600 dpi
Smart Card Features	Automatic detection of ink cartridge, auto-adjustment of ink parameters, monitoring of ink level
Encoder Rollback	Detection of print position enabling restart of print in correct position
Out-of-the-Box Stiching	Printer is pre-stiched and can be fine tuned from controller
SBS Features	Dual cartridge non-stop printing (9:1 or 6:4 ratio) Service/change of cartridge during print production Dual colour printing, double resolution printing

Layout Options

Content	Barcodes, alphanumerical text in all languages, dates, counters, shift codes, graphics, full Unicode support (see datasheet for MCX UniDraw for more details)

Interface

Sensor	Built-in sensor
RJ45	Controller connection
Power Jack	Power supply
D-SUB 15 HD Female	MCX I/O Interface box for connection of external sensor, encoder and beacon Inputs/Outputs for connection of external sensor, encoder or beacon directly to printer

Electrical Requirements

Power Supply	24 VDC	2.5 A	60 W 100-240 VAC	50-60 Hz	60 W (external)

HSAJET® MCX 0.5" Printer SBS is the ideal solution for continous and high-volume print applications providing double speed, dual colour printing and dual cartridge non-stop printing features.

Physical Details

Housing	Anodised aluminium, black and natural
Sole	CrN treated aluminium
Dimensions	121 (133) x 100.2 x 92 mm (LxWxH)
Weight	0.87 kg (product only)

Compliance and Regulations

Complies to	CE, UKCA, RoHS, and EMC directives
Tariff No.	84714100
Country of Origin	Denmark

In the Box

22502010	HSAJET® MCX 0.5" Printer (2 pens) SBS SC
72000120	PSU AC/DC Adaptor 60W f/MCX, 24V

Parts of the MCX Compact SBS Print System

Required Parts (depending on configuration)	HSAJET® MCX 4.3" Touch Controller (standard or panel mount version) HSAJET® MCX Compact 0.5" Printer (2 pens) SBS MCX UniDraw f/Windows Cable RJ45, CAT7 S/FTP, black, (1, 3, 5 or 10m)
Ink Cartridges	Large range of HSAJET® HP45si and HP45ai cartridges with smart card available in black, white, and various colours for most substrates (see other flyer)
Accessories (optional)	HSAJET® MCX I/O Interface Box Sensor, encoder, and beacon Large selection of brackets for installation on production lines (see accessories list)