MCS Falcon Inkjets

Barcodes Supported		
Data Matrix	Codabar/NW-7	EAN-8
QR Code	Code 93	EAN-13
PDF 417	Korean 3 of 5	UPC-E
3 of 9 (39)	UPC-A	
Interleaved 2 of 5	Australian AUS4-State	
Code 128	German Deutsche Postdata Matrix	
GS1 Databar	Japanese JPN4-State	
USPS IMB Code	United Kingdom Royal Mail Mark	

Specifications - #10 Envelopes	
Resolution	Falcon
600x600	8,000pph
600x400	12,000pph
600x300	16,000pph
600x200	24,000pph
drop size	28 to 38 pl

Head Configurations
½" Native printhead width
2" Printhead - Standard Configuration
Up to 34" print per system

Software	
Operating System	Windows 10 or Windows 7
Communications	Gigabit Ethernet
Optional	· MyFont - Randomized Handwriting Font · PDF Workflow

Description	MCS 430 Base	MCS 530 Base	MCS 630 Base	MCS 730 Base	MCS 1030 Base
Length	48"	79"	56"	66"	88"
Max Paper Width	16"	16"	16"	16"	20"
Belt Technology	6 belts of 1" adjustable heat-resistant	6 belts of 1" adjustable heat-resistant	Single solid HD 10" belt Heat resistant	Dual Drive Sys-3 Heatresistant & 3 standard	20" solid
Divert Option	Yes	Yes	Yes	Yes	No
Power	110V 15 Amp	110V 15 Amp	110V 15 Amp	110V 15 Amp	110V 15 Amp
Intended Use	Inkjet, camera systems, or dryers	Inkjet, camera systems, or dryers	HD Inkjet	Inkjet w/ dryer, camera sys.,	Large sheets
Speed	Up to 500 fpm	Up to 500 fpm	Up to 500 fpm	Up to 500 fpm	Up to 500 fpm
Vacuum Technology	Fan	Vacuum or fan	Vacuum	Vacuum	Vacuum

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The MCS Falcon Inkjet System

www.mcspro.com

The MCS Falcon Inkjet System

The most successful HP inkjet addressing system in the mail manufacturing industry.

- Low capital cost
- Easy to use
- Over 90 different types of ink including spot color
- Low maintenance

The MCS Falcon Inkjet is ideal for:

- Inkjet Addressing
- Read and Print for Inserting
- Read and Print for Card Attaching
- Up to 34" Total Print Area
- Compatible with MyFont - Randomized Handwriting Font Option
- Optional PDF Workflow

Why MCS?

Founded in 1991, MCS is the leading manufacture of industrial DOD (drop on demand) inkjet systems used in the mail manufacturing industry worldwide. MCS is heavily involved in many areas of the mail manufacturing industry including inkjet addressing systems, high-speed page printing systems, and high-speed inserting systems.

Seamlessly Connect To The MCS Perfect-Match Family Of Industrial Tracking Camera Systems

Create any combination of Matching and Printing. The MCS Falcon and Eagle printers, along with MCS Raptor software work hand-in-hand with MCS Perfect Match industrial tracking systems. Typical applications include Read-and-Print applications on inserters and multiple print heads and cameras on attaching systems.

MyFont
Randomized Handwriting Font

Introducing MyFont, from MCS. A new way of addressing mail with real handwriting using MCS high-speed inkjets & MCS Raptor software technology.

MCS Raptor software prints your handwritten font at full-speed, while at the same time randomizing the characters choosing one of four, on the fly, to look more natural.

Print addresses in Ballpoint Blue ink for greater response rates and IMBs in black ink for postage cost savings.

MCS Raptor Advanced Document Composition Software Features
Supports any combination of MCS inkjet technology including: • MCS Falcon Inkjet • MCS Osprey Inkjet • MCS Eagle Inkjet • or stand alone MCS Condor Process Color Inkjet • Up to 34" of print in any combination
Windows 10 64 bit and Windows 7 64 bit
MCS Perfect Match 10 Tracking system seamless communication
Gigabit communicaion protocol, no PC cards
Pre-flight data check
Remote job setup, site license included
Advanced electronic PDF print proofing
Unlimited conditional bitmaps
Graphic rotation and scaling — even for variable elements
Job printing security (three levels of security)
Job piece print confirmation reporting
19 barcodes supported including 1D and 2 D
Optional
Optional PDF spooled file workflow -page and object mode
Optional PDF Embedded Indexing for MCS Perfect Match Read & Print
Optional MyFont - Randomized Handwriting Font
Optional SQL data link for real time data collection
Optional IJPDS