MCS EAGLE INKETS
Models 20, 30 & 40

MCS Eagle Inkjets
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Kyocera piezo water-based inkjet technology

Perfect for : High-Speed Addressing, Tag Printing, Forms Printing and Barcode Printing

The MCS Eagle family of inkjets offer state-of-the-art Kyocera Piezo technology to image at high-speeds with great flexibility. Speed, quality, print width and ink cost make the MCS Eagles the most advanced inkjets in the mail manufacturing industry.

MCS Eagle 20

The newest and most affordable solid 4 1/4" piezo inkjet in the mail manufacturing industry.

- **Value** - Low capital cost
- **Print Width** - Solid 4 ¼" print area
- **Economical** - Low ink cost
- **Quality** - 600 dpi Quality

MCS Eagle 30

The most successful solid 4 1/4" piezo inkjet in the mail manufacturing industry.

- **Speed** - High-speed imaging up to 32,000pph
- **Print Width** - Solid 4 ¼" print area
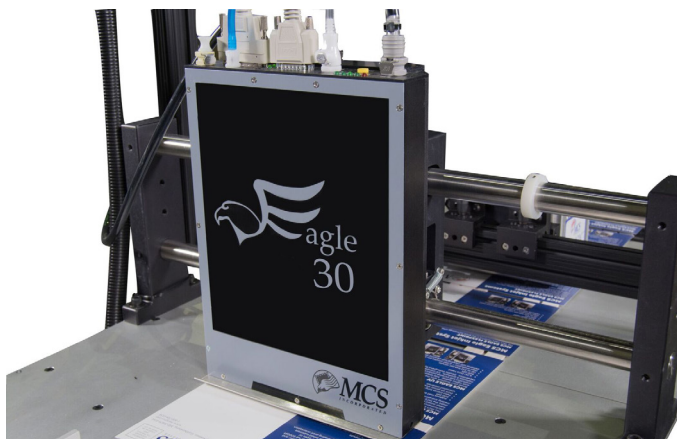- **Economical** - Low ink cost
- **Quality** - 600 dpi Quality

MCS Eagle 40

Ultra-High speed inkjet solution with variable drop size grayscale option.

- **Powerful** - Ultra-high-speed imaging up to 43,000pph
- **Versatile** - Variable drop size grayscale imaging w/ optional PDF
- **Economical** - Low ink cost
- **Print Width** - Solid 4 ¼" print area
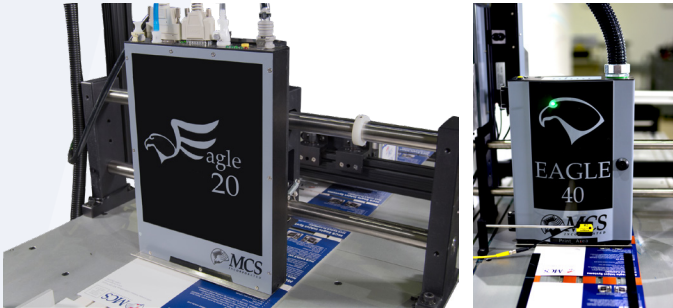
Multiple Ink Options

- Eagle AS100 Ink – Surpasses UV and solvent based inks with higher reliability and performance at a lower operational cost.
- Dye, pigment & polymer ink formulas available. Print on porous, coated and even aqueous coated stocks - over 10 inks sets available!
- Users are able to change ink formulas between jobs with the Eagle systems.

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.

Performance similar to UV Inkjets with the flexibility of water-based inks!

MyFont
Randomized Handwriting Font

Randomized Handwriting Font for the MCS Raptor Inkjet Controller.

MCS Technology: Address mail with real hand writing using MCS high-speed inkjets & Raptor software.

Speed: Hand written addressing at full speed.

Personalized: Randomized characters to look more natural.

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

MCS Raptor 10 Software

All MCS inkjets use the industry leading MCS Raptor software. The MCS Raptor 10 software is easy to use and very powerful. Standard features include:

MCS Raptor Advanced Document Composition Software Features
Supports any combination of MCS inkjet technology including: • MCS Falcon Inkjet • MCS Osprey Inkjet • MCS Eagle Inkjet • 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 communication 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

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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	Eagle 20	Eagle 30	Eagle 40
600x600	10,000pph	16,000pph	21,000pph
600x400	16,000pph	24,000pph	32,000pph
600x300	21,000pph	32,000pph	43,000pph
600x200	32,000pph	49,000pph	65,000pph
drop size	5, 7, 12 or 18 pl	5, 7, 12 or 18 pl	5, 7, 12 pl*

* Variable dropsize with PDF workflow option
** at 20kHz

Head Configurations

4 1/4" Printhead
8 1/2" Printhead
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

MCS
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