MCS
INDUSTRIAL INKJET TECHNOLOGY

THE MCS CONDOR
Process color inkjet systems
Models 500 & 250

INKJET
C M Y K

The MCS Condor Process Color Inkjets
Models 500 & 250

MCS Condor 500
Process Color Read & Print at speeds up to 32,000

- Process color imaging
- Solid 4 ¼" print area
- High-speed up to 32,000pph
- 600 dpi Quality

MCS Condor 250
Process Color Read & Print at speeds up to 16,000

- Process color imaging
- Ideal for read & print on high-speed inserting
- Up to 16,000pph
- New low price

MCS Condor Process Color Inkjet
The MCS Condor is designed for professional direct mail manufacturing companies. Flexibility, ease of use, and excellent process color quality make the MCS Condor ideal for many direct marketing opportunities. The MCS Condor can be used on PB inserters for high-speed read and print applications, and as a stand-alone solution to maximize your investment.
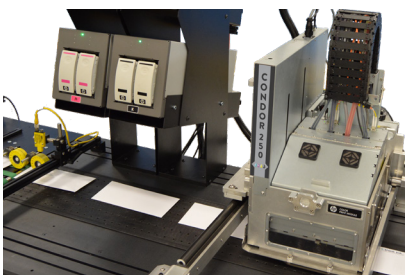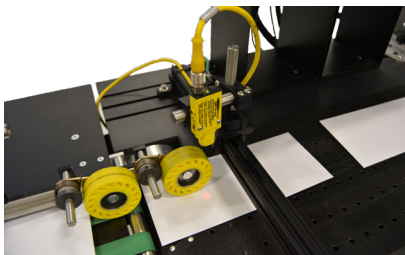
Read and Print Opportunities
The MCS Condor is designed to work on the PB FlowMaster or the PB MailStream Direct at speeds up to 32,000 envelopes per hour in read and print applications. Highly personalized advertising mail has been proven to increase response rates and highly personalized process color messaging can increase response rates even greater. No other read and print system offers higher integrity than the MCS Condor process color inkjet solution.

Standalone Imaging Opportunities
The MCS Condor is a modular design that can be moved from the inserter to a standalone configuration within an hour. The MCS Condor can image on envelopes and self-mailers up to 10"X13" (254mmX330mm) at speeds up to 32,000 pieces per hour

Industry Leading Workflow
The MCS Condor offers a Windows 10 user interface that supports common data formats, standard graphics files, and an easy to use document composition process. An optional industry leading PDF workflow for read and print and standalone operation is available. The optional PDF workflow works with leading industry document composition products such as GMC Inspire and Extreme.

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.

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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

MCS Condor 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	

Head Configurations

4 1/4" Printhead

Specifications - #10 Envelopes

Resolution	Condor 500	Condor 250
600x600	16,000pph	8,000pph
drop size	C 6pl, Y 6pl M 6pl, K 9pl	C 6pl, Y 6pl M 6pl, K 9pl

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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