

MCS

INDUSTRIAL INKJET TECHNOLOGY

MCS OSPREY UV INKJET SYSTEMS

Models 26 and 72



MCS Osprey UV Inkjet Systems

Perfect for : Plastic cards and mail pieces

The MCS Osprey is a 2 1/2" solid print head utilizing Fuji piezo inkjet technology. The MCS Osprey inkjet system offers high-speed production and stitch-less high-quality graphics capabilities at operating speeds of 24,000pph (#10 envelopes) at 400x400dpi.

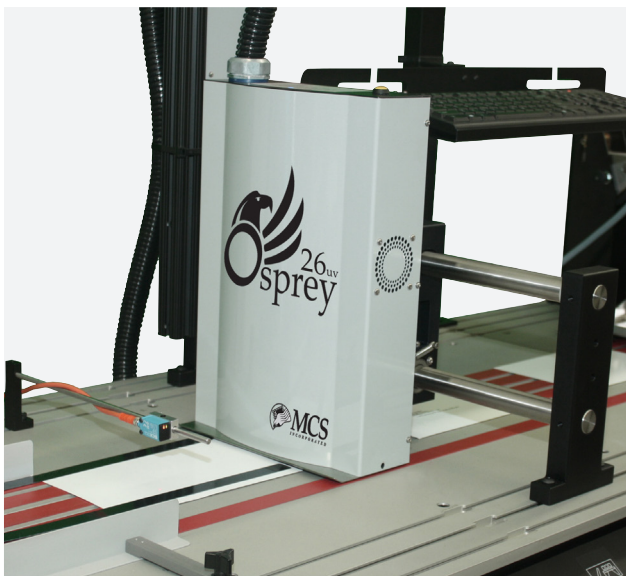
Osprey 26: High quality imaging for plastic and films.

- **Drop Size** - 26 pl drop size
- **Versatile** - ideal for plastic cards, barcodes and small characters
- **Quality** - 400 dpi Quality
- **Print width** - 2 1/2" Solid print head

Osprey 72: High quality imaging for plastic and films.

- **Drop Size** - 72 pl drop size
- **Versatile** - ideal for plastic cards, solid fills and large characters
- **Quality** - 400 dpi Quality
- **Print width** - 2 1/2" Solid print head

Drop size comparison
26pl vs. 72pl



Industrial Tracking Systems

MCS Perfect Match offers the highest level of document tracking during the entire process of card attaching. MCS Perfect Match can control up to 48 sensors to track documents through multiple processes seamlessly.

MCS Perfect Match offers:

- Matching carrier to cards – Read code on carrier, read code on card, match
- Matching carrier to cards – Read code on carrier, read magnetic data on card, match
- Reading carrier, printing cards – Read carrier, print on card

Multiple Ink Options

- All-purpose UV Black Ink for all conventional UV curing systems
- LED Black UV ink for fast curing utilizing LED curing systems
- White UV Ink - high-capacity white ink available for plastic cards

Why MCS?

Founded in 1991, MCS is the leading manufacturer 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.

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
 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 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

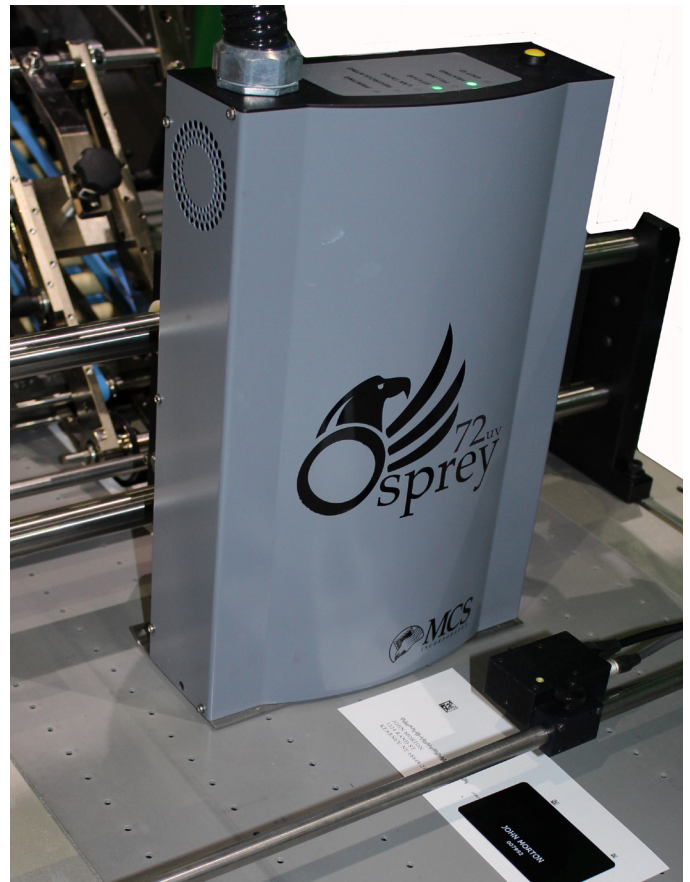
Optional PDF spooled file workflow -page and object mode

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



Card Attaching Capabilities Available with the MCS Osprey Inkjet System

- Simplicity – Easy to setup up jobs
- Productivity – Net 6,000 to 10,000 pieces per hour
- Flexibility – Works great with MCS Perfect Match



MCS Osprey UV Inkjet Systems

Barcodes Supported		
Data Matrix	Coda bar/NW-7	EAN-8
QR Code	Code 93	EAN-13
PDF 417	3 of 5	UPC-e
3 of 9	UPC A	
Interleaved 2 of 5	Australian AUS4-State	
Code 128	EAN-13	
GS1 Databar	Japanese JPN4-State	
USPS IMB Code	United Kingdom Royal Mail Mark	

Head Configurations	
2.5"	Up to 10 heads from 1 PC

Ink Options
Black UV
White UV
Custom Colors Available

Specifications	Osprey 26 UV	Osprey 72 UV
Resolution	Pieces Per Hour #10 envelope	
600x400	16,000 pph	10,000 pph
400x400	24,000 pph	16,000 pph
300x400	32,000 pph	21,000 pph
Drop Size	26 pl	72 pl

Software	
Operating System	Windows 10
Communications	Gigabit Ethernet
Optional	<ul style="list-style-type: none"> • MyFont - Randomized Handwriting Font • PDF Workflow

MCS Base Options

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 heat-resistant & 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	HD Inkjet	Inkjet w/ dryer, Camera systems	Large sheets
Speed	Up to 500 fpm	Up to 500 fpm	Up to 500 fpm	Up to 500 fpm	Up to 500 fpm



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