

Canon

CANON SOLUTIONS AMERICA



IMPRESSIVE PRODUCTIVITY, IMPRESSIVE RESULTS: MS JP4

Hybrid Dye Sublimation Printing Systems for Soft Signage Production

SMART CHANGE STARTS HERE.

MS JP4 HYBRID DYE SUBLIMATION PRINTERS

- 64-inch/126-inch (1.8 m/3.2 m) print width options
- Industrial Kyocera printheads with 16 grayscale levels
- Easy changeover from transfer paper to fabric printing with direct-to-fabric option
- Advanced vacuum and media handling system for accurate dot placement
- Production speeds up to 3,390 square feet per hour
- Optional QWizard™ digital front end for production

IMPRESSIVE FEATURES AND BENEFITS



High-volume Print Production

Whether you're upgrading your existing dye sublimation production fleet or expanding your business into soft signage, the fully integrated MS JP4 offers fast production speeds with industry-leading color and image performance.

Choose to print with transfer paper or fabric with the direct-to-fabric option.



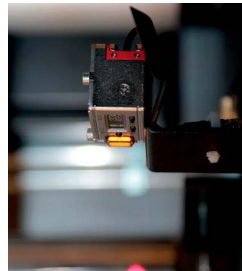
Industrial Printheads

Utilizing four or eight Kyocera printheads, the MS JP4 prints with 16 grayscale levels from 4 pl to 72 pl drops. This variable drop size capability produces smooth gradients as well as vibrant, high-density color results.



Stable Media Positioning

The advanced print vacuum plate on the printers maintains consistent media adhesion and accurate dot placement.



Precision Control of Media and Printheads

The paper compensator bar helps to ensure the accurate synchronization of the media with the printhead assembly so you can run at high production speeds without printing artifacts.



Bulk Media Handling

All print media can be fed with the mini-jumbo roll unwinder that handles rolls up to 19.7 inches (500 mm) in diameter and helps reduce operator intervention during print production.



Large Ink Tank Capacity

The MS JP4 holds 10 Liter ink tanks per color to help maximize printer uptime for unattended printer operation.



Advanced Printer Management Software

For enhanced production output, the optional Qwizard digital front-end printer management software solution provides seamless, direct, and remote integration of file, color, and pre-flight management.

The QWizard allows you to fully customize printer settings to meet your exacting specifications and integrates with the optional Caldera GrandRIP+ RIP workflow software.

You can additionally drive the MS JP4 printers with the Onyx Thrive RIP solutions.

Flexible Ink Options

The MS JP4 works with Digistar K-One Inks. These inks have been specially formulated for the MS JP4 Kyocera printheads to achieve excellent print speeds, stable jetting performance, and superb color fidelity.

PRODUCT SPECIFICATIONS

	JP4 1.8M	JP4 EVO 1.8M	JP4 3.2M	JP4 EVO 3.2M
Printing System	Hybrid Dye Sublimation Printer			
Maximum Print Width	70.8" (1.8 m)	70.8" (1.8 m)	126" (3.2 m)	126" (3.2 m)
Maximum Roll Diameter	19.7" (500 mm)	19.7" (500 mm)	19.7" (500 mm)	19.7" (500 mm)
Printheads	Kyocera 300 dpi	Kyocera 600 dpi	Kyocera 300 dpi	Kyocera 600 dpi
No of Colors	4	4	4	4
No. of Printheads	4	8	4	8
Ink Capacity	10 L/Color	10 L/Color	10 L/Color	10 L/Color
Ink Options	Digistar K-One Inks			
Direct-to-Fabric (Optional)	Direct-to-Fabric option permits hybrid printing with transfer paper or fabrics			
QWizard (Optional)	Optional Printer Controller and Preflight Solution			
Compatible RIPs	Caldera GrandRIP+, Onyx V21, or Greater			
Power	400V AC – 50 Hz	400V AC – 50 Hz	400V AC – 50 Hz	400V AC – 50 Hz
Auxillary Voltage	DC 24 V	DC 24 V	DC 24 V	DC 24 V
Full Load Current	32 A	32 A	36 A	36 A
Breaking Current	500 A	500 A	500 A	500 A
Installed Power	20 kVA	20 kVA	22 kVA	22 kVA
Min. Air Pressure	--	--	6 bar at 10 L/min	6 bar at 10 L/min
Palletized Dimension (LxWxH)	173" x 89" x 89"	173" x 89" x 89"	228" x 89" x 89"	228" x 89" x 89"
Palletized Weight	4,837 lbs.	4,837 lbs.	7,672 lbs.	7,672 lbs.
Unpalletized Dimensions (LxWxH)	178" x 88" x 77"	178" x 88" x 77"	234" x 88" x 77"	234" x 88" x 77"
Unpalletized Weight	3,968 lbs.	3,968 lbs.	6,393 lbs.	6,393 lbs.
PRODUCTIVITY				
High Speed	Up to 3,120 ft ² /hr	Up to 3,354 ft ² /hr	Up to 4,632 ft ² /hr	Up to 4,952 ft ² /hr
Production	Up to 2,140 ft ² /hr	Up to 2,396 ft ² /hr	Up to 3,035 ft ² /hr	Up to 4,078 ft ² /hr
Quality	Up to 1,224 ft ² /hr	Up to 2,183 ft ² /hr	Up to 1,650 ft ² /hr	Up to 3,035 ft ² /hr

WHY CANON SOLUTIONS AMERICA FOR DYE SUBLIMATION

Canon Solutions America recommends forward-thinking strategies to help achieve the highest levels of information management efficiency for your unique business needs. Using superior technology and innovative services, we then design, implement, and track solutions that help improve information flow throughout your organization while considering the environment, helping to result in greater productivity and reduced costs.

There are many reasons why you should choose Canon Solutions America as your provider for dye sublimation printing solutions. Benefits include:

- A Canon U.S.A. Company
- A Complete Line of Dye Sublimation Printers, Heat Presses, Cutters, and Finishing Solutions
- Business Services
- Professional Services
- Certified Training and Support
- Flexible Finance Options
- Single-Source Solutions Provider
- Managed Document Services
- Nationwide Coverage
- Customized Industry Solutions

But that's not all. As a company that is dedicated to your needs, we support our dye sublimation solutions with highly skilled professionals and advanced diagnostic systems to maintain peak performance. And with ongoing consultation, we can further your document management capabilities to help ensure the highest level of satisfaction and productivity.

The Canon logo is displayed in a bold, red, sans-serif font.

CANON SOLUTIONS AMERICA

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