

A photograph of a large industrial printing machine, likely a Kodak Versamark, with a yellow overlay on the left side containing the text. The machine is dark-colored with some metallic components and a large roll of paper being processed.

Kodak

Versamark DS9100 and DS9050 Printing Systems

The **Kodak Versamark** DS9100 and DS9050 Printing Systems, each of which is comprised of a reliable printhead and controller, give you a powerful solution that can help your company profit from a competitive edge in the Hybrid Digital Printing market.

Capitalize on new business with fast, flexible, and high-quality hybrid digital printing

The **Kodak Versamark** DS9100 and DS9050 Printing Systems combine the speed of an offset press with superior quality and flexibility, making it perfectly suited for high-volume commercial printers.

With an 8.96" (22.8 cm) imprint width that offers page-wide coverage, and the ability to easily integrate into many different equipment configurations, these systems allow you to maximize existing investments while enhancing new business possibilities with higher-value digital capabilities. You have the option of choosing 300 x 300 dpi at 1,000 fpm with the DS9100, or you can add the power of 300 x 600 dpi with a DS9050 printhead with speeds up to 500 fpm.

Enhance your offerings

The DS9100 and DS9050 Printing Systems expand your business with these digital features:

- ▶ **Create new opportunities:** Easily combine offset printing with partial-to-full page variable data
- ▶ **Leverage built-in flexibility:** Depending on the configuration, a system can include a maximum of eight print stations and 16 printheads with automatic startup
- ▶ **Satisfy exacting customer needs:** Optimized drop size delivers high-quality printing, especially with serif fonts — and fonts as small as four-point type
- ▶ **Enhance effectiveness of customers' printing budgets:** Low operating costs give customers additional options
- ▶ **Easily integrate into your existing workflow:** Robust and reliable controller option lets you meet your specific application requirements

A legacy of success

The DS9100 and DS9050 Printing Systems are part of a comprehensive family of highly reliable and innovative inkjet printing solutions. By leveraging the rich heritage of Kodak, the powerful **Kodak Versamark** D-Series Printing Systems can help you build a more productive and profitable business and establish a new advantage.

Kodak Versamark DS9100 and DS9050 Printing Systems

- ▶ 8.96" (22.8 cm) imprint width
- ▶ DS9100: 1,000 fpm (305 mpm)
DS9050: 500 fpm (152 mpm)
- ▶ DS9100: 300 x 300 dpi
DS9050: 300 x 600 dpi

Kodak Versamark DS9100 and DS9050 Printing Systems

Technical Data

Printheads

Printheads are replaceable components that connect to PICs through a simple slide-on mechanism. With the DS9100 and DS9050 Systems, you can stitch up to two printheads together for a total print width of 17.92 inches (455 cm).

Printhead physical specifications

Height: 5.5" (14 cm) print array

Width: 8.96" (22.76 cm)

Depth: 3.5" (8.9 cm)

Length: 12" (30.5 cm)

Weight: 14 lbs. (5.9 kg)

Resolution: DS9100: 300 x 300 dpi
DS9050: 300 x 300, 300 x 600 dpi

Printhead Interface Controller (PIC) Function

Each print station supports one or two Printhead Interface Controllers (PICs). A PIC box contains the electronics, software and fluidics for driving a single inkjet printhead. PIC physical specifications

Height: 14" (35.6 cm)

Width: 13" (33 cm)

Depth: 9.5" (24.1 cm)

Weight: 32 lbs. (14.5 kg)

Print station function

A print station houses the electronics and software that manage the pumps, valves and filters that control the flow of ink, replenisher and cleaning fluids for the continuous inkjet **Kodak Versamark** Printheads. It also controls various physical properties of fluids—including temperature, pressure and ink concentration.

Print station physical dimensions

Height: 29" (73.7 cm)

Width: 20" (50.8 cm)

Depth: 32" (81.3 cm)

Weight: 300 lbs. (136 kg)

Power: 200-240 VAC 50/60 Hz 30 amps

Umbilicals

PICs connect to the body of the print station through three umbilicals.

Electrical umbilical:

- Length: 40 feet (12.2 m)

- Diameter: 1.5" (3.8 cm)

- Weight: 35 lbs. (15.9 kg)

Fluidics umbilical:

- Length: 40 feet (12.2 m)

- Diameter: 1.5" (3.8 cm)

- Weight: 12 lbs. (5.4 kg)

Heated umbilical:

- Length: 40 feet (12.2 m)

- Diameter: 1.5" (3.8 cm)

- Weight: 12 lbs. (5.4 kg)

- Fluid capacity

(internal) Ink: 1 gal. (4-4.5 liters)

- Cleaner: 1/2 gal. (2 liters)

- External reservoir (optional)

- Capacity: 55 gal. (220 liters)

Environmental operating ranges

For environments with relative humidity: 10%-90% non-condensing, the temperature range is: 60°F-85°F (15.6°C-29.4°C)

For environments with relative humidity: 10%-60% non-condensing, the temperature range is: 86°F-104°F (30°C-40°C)

To learn more about solutions from Kodak:

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Printed using **Kodak** Technology.

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U.CIJ038.0808.en03



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