



KODAK PROSPER PRINT BAR

TAKING HYBRID PRINTING FURTHER

EXPERIENCE INNOVATION

For over 55 years, Kodak has developed innovative continuous inkjet solutions to fit customers' needs. With thousands of installations of imprinting systems worldwide, Kodak supports a wide range of applications in some of the most demanding print environments.

The KODAK PROSPER Print Bar takes Kodak's inkjet expertise to another level – with scalable print widths and automatic registration – seamless full-page print across forms, direct mail, packaging, and product decoration.

FIT FOR FLEXIBILITY

PROSPER Print Bar offers new mounts for the [KODAK PROSPER Plus](#) and [PROSPER S-Series Imprinting Systems](#) as well as new Smart Stitch functionality for Kodak's IJ Docs Data Prep software. This wider-format digital printing solution adds seamless variable print to analog devices, easily combining high-quality offset, flexography or gravure with partial or full-page variable content. PROSPER Print Bar is scalable to accommodate a variety of applications in 4.16" (105 mm) increments, making your operation more flexible and efficient.

BROAD BENEFITS

PROFITABILITY

- Meet customer demand for variable print, versioning, and customization
- Maximize your existing pressroom and finishing equipment and processes to create stronger ROI
- Deliver on tight deadlines to win more work

EFFICIENCY

- Streamline workflow, with fewer process steps than before
- Accelerate make-ready, and reduce material waste
- Automate color-to-color registration control, cutting down on reprints and waste

Whether you are upgrading an existing installation, or are new to the power of hybrid print, PROSPER Print Bar is your gateway to a world of new business.

CONTINUOUS VERSATILITY.
CONTINUOUS PRODUCTIVITY.
CONTINUOUS INKJET.



KODAK PROSPER PRINT BAR

PRINT BAR CONFIGURATIONS

Kodak PROSPER Print Bar can be configured in a variety of print widths; contact your Kodak representative for custom configurations designed to meet your needs or to discuss PROSPER S-series Imprinting System upgrades.

Preconfigured Options	Print Width	Ink Drop Size	Resolution	Speed	Weight	Power
2 Lane Monochrome	8.12 in / 206.2 mm	9.8pL, 11.4 pL	600 x 600 dpi	1000 f/m / 300 m/m	1.5 kg	110-240V/3A/50-60Hz
4 Lane Monochrome	16.04 in / 407.4 mm	9.8pL, 11.4 pL	600 x 600 dpi	1000 f/m / 300 m/m	3 kg	110-240V/6A/50-60Hz
2 Lane 4-Color	8.12 in / 206.2 mm	9.8pL, 11.4 pL	600 x 900 dpi	650 f/m / 250 m/m	6 kg	110-240V/12A/50-60Hz
3 Lane 4-Color	12.08 in / 306.8 mm	9.8pL, 11.4 pL	600 x 900 dpi	650 f/m / 250 m/m	9 kg	110-240V/18A/50-60Hz

JETTING MODULES

- Jetting modules are replaceable components that connect to PICs through a simple slide-on mechanism.
- Data can be split electronically between up to four jetting modules using the same controller.

Umbilicals: A PIC connects to the body of the print station through one umbilical.

ELECTRICAL/FLUIDICS UMBILICAL:

Length: 39.3 ft (12 m)
Diameter: 1.75 in (44 mm)
Weight: 44 lbs (20 kg)

PRINT STATION

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 jetting modules. It also controls various physical properties of fluids—including temperature, pressure, and ink concentration.

Height: 40.4 in (1025 mm)
Width: 23 in (585 mm)
Power: 200-240 VAC 50/60 Hz 10 amps (S30 = 30 amps)
Depth: 25.8 in (655 mm)
Weight: 275 lbs (125 kg)

KODAK CS450 SYSTEM CONTROLLER

Designed with a modular and scalable architecture, the CS450 System Controller with KODAK IJ Docs Data Prep Software v6.01.610 and higher provide superior performance for printing jobs in black, spot, or CMYK process color. For more details [see the corresponding datasheet](#).

Height: 24.3 in (616 mm)
Width: 7.1 in (180 mm)
Depth: 9.6 in (243 mm)
Weight: 33 lbs (15 kg)

ENVIRONMENTAL OPERATING RANGES

For environments with 10% to 60% relative humidity non-condensing, temperature range is 60.8°F - 104°F (16°C - 40°C)
For environments with 90% relative humidity non-condensing, temperature range is 60.8°F - 86°F (16°C - 30°C)

[KODAK.COM/GO/IMPRINTING](https://www.kodak.com/go/imprinting)

