

# Kodak

## Prosper 5000XL

Press

Digital Book  
Solutions



### Drive improved quality, productivity and cost for runs up to 4,000 copies

Using Kodak's revolutionary Stream Inkjet Technology, the **Kodak Prosper 5000XL Press** delivers quality, productivity and lower total cost of operations for run lengths up to 4,000 copies. The **Prosper 5000XL Press** is a full color press that offers 4-over-4 perfecting with a print width of up to 24.5 inches (62.2 cm) at speeds up to 650 feet per minute (200 mpm). It is the most productive inkjet web press available today for 8, 12 and 16 page signatures, with a duty cycle of 120 million A4 or US letter pages a month.

With an automated Image Quality Management System, the **Prosper 5000XL Press** is capable of print quality that rivals offset output up to 175 lpi on a wide range of uncoated, coated, and glossy papers. This innovative full color press is ideal for service providers in the professional and educational book segments that want to differentiate their offerings and drive increased profitability.

### Improve supply chain efficiencies with an end-to-end solution

In addition to the **Prosper 5000XL Press**, Kodak's digital book solution includes integrated workflow and finishing options, enabling efficient book production that closely follows the demand curve, helping minimize ordering costs, over-production, inventory, returns, waste and more. **Kodak Unified Workflow Solutions** offer a powerful suite of tools that help printers more efficiently manage their book business from the enterprise level all the way through production and output processes. **Kodak Prinergy Connect** Workflow centralizes and automates job control for both offset and digital presses, providing a sophisticated production workflow that automates complex tasks, helps reduce errors and streamlines production.

High impact, fully variable book covers can be printed using the **Kodak NexPress SE Digital Production Color Platform** on a variety of substrates at speeds up to 120 pages per minute, with the option to add a dimensional texture or high gloss finish. Finishing options include in-line finishing of digitally collated book blocks for off-line binding, or fully integrated finishing and binding that delivers complete, perfect bound books at rates of up to 1,000 books per hour.

With minimal start-up waste, quick changeover and zero press makeready between jobs, the **Prosper 5000XL Press** book solution will help deliver short-run digitally printed books more productively than ever before.

### Protect your investment with a scalable solution

The **Kodak Prosper 5000XL Press** offers 4-over-4 perfected output at up to 3,600 A4 or letter pages per minute on coated, uncoated and glossy papers. The **Prosper 1000 Press** is a modular and scalable monochrome solution that can be upgraded to full color in the field to meet the needs of the higher education and professional segments.

### Improve revenue, margin potential

Kodak's goal is to provide book printing solutions that deliver greater revenue opportunities and improved profit margins for printers and publishers worldwide. It's all about printing the right quantity at the right time at the right cost. Whether it's one book or 100,000, Kodak has the right solution for you. With offset class output and reliability, **Kodak Prosper Press** book solutions featuring Kodak's unified workflow provide seamless integration of offset and digital book production ... without compromise.

# Kodak Prosper 5000XL Press

## Solution Specifications

Throughput	650 fpm (200mpm), up to 3600 A4 ppm, 8, 12, 16 page signatures
Image quality	Up to 175 lpi
Substrates	Types: Uncoated free sheet, uncoated groundwood, matte and glossy coated papers Weight: 45 - 300 gsm, 3 - 12 pt, 30 - 200# book weight Roll width: 8 - 25.5" (20.3 x 64.8 cm)
Imaging system	Technology: <b>Kodak</b> Stream Inkjet Technology Ink type: Kodak's aqueous pigmented process color inks Jetting Modules: 4.16", 48 Jetting Modules within a standard perfecting press Imaging width: Up to 24.5" (62.2 cm) Variable cutoff: Up to 54" (137.2 cm) Duty cycle: 120M A4 or letter images/month*
File formats	PDF, PPML/VDX, PPML/ GA, PostScript, VPS, IPDS, AFP
Digital front end	<b>Kodak</b> 700 Print Manager (Version 3.1 or higher is required) contains: <ul style="list-style-type: none"><li>• <b>Kodak</b> 700 Digital Front End contained in two cabinets with 1 Control Server and 8 Print Process Servers</li><li>• Each server contains (at a minimum): Dual <b>Quad Core Intel Xeon</b> 2.33 GHz Processors, 6GB RAM, RAID with 1TB system storage, and 2TB for image processing, <b>Microsoft Windows</b> 2003 server OS</li><li>• Hardware accelerated image processing technology</li><li>• Scaleable architecture, for expansion and customer-specific solutions</li><li>• Data Formats: PDF, <b>PostScript</b>, PPML/GA, PPML/VDX, VPS, AFPDS (MO:DCA), IPDS</li><li>• Connectivity: <b>Ethernet</b> TCP/IP 1Gbps twisted pair, IPDS (TCP/IP), or JDF/JMF</li><li>• One cabinet containing the <b>Kodak Prosper</b> 720 Press Controller</li><li>• Speed: RIP on the fly at rated press speeds</li><li>• JDF/JMF: Job ticket control, enterprise connectivity and workflow automation</li><li>• Workflow: <b>Kodak</b> Unified Workflow Solutions product suite</li></ul>
Dimensions (L x W x H)	70 x 25 x 8.8 feet (21.3 x 7.6 x 2.6 m)**
Operating environment	60° to 85°F (16° to 30°C) @ 10 to 90% RH non-condensing; 85° to 104°F (30° to 40°C) @ 10 to 60% RH non-condensing; Altitude above sea level: 6,000 feet (1,830 meters)
Power	Electrical voltage: 400 - 480 3Phase Consumption during operation: 34.6 Kw (idle), 146 Kw (uncoated papers), 192 Kw (Glossy coated papers)***
Consumables	Jetting modules: <b>Kodak Prosper</b> Press Jetting Modules Inks: <b>Kodak Prosper</b> Press Pigment Cyan, Magenta, Yellow and Black Inks Other fluids: <b>Kodak Prosper</b> Press Storage Solution and Replenisher Fluid Ink supply: 208 liter drums or 20 liter cubitanors
Solutions	Job submission: <b>Kodak Insite</b> Storefront System and <b>Kodak Insite</b> Prepress Portal System Creation and organization: <b>Kodak Insite</b> Creative Workflow System and <b>Kodak Insite</b> Asset Library Production management: <b>Kodak Prinergy</b> Workflow v5.1 or higher Proofing: <b>Kodak Matchprint</b> Inkjet Proofing System and <b>Kodak Matchprint</b> Virtual Technology Asset management: <b>Kodak</b> Data Management Solutions Color management: <b>Kodak Colorflow</b> Software Qualified book finishing solutions: Available from <b>Kodak</b> Solution partners Optional: <b>Kodak Prosper</b> Image Optimizer Station (IOS) <i>Available Q1 2011</i> Optional: Auto-splicing and re-winder solutions available from <b>Kodak</b> Solution partners



\*Based on 24/7 operation at 80% uptime.

\*\*Includes unwinder and optional rewinder.

\*\*\*Running power estimates at standard 25 - 30% CMYK ink coverage.

### To learn more about solutions from Kodak:

Visit [graphics.kodak.com](http://graphics.kodak.com)

Or in North America, call +1-866-563-2533.

Printed using **Kodak** Technologies.

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Preliminary datasheet—specifications and data subject to change.

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It's time for you **AND** Kodak