

# KODAK PROSPER 6000S PRESS – Standalone



## High-speed, low-cost simplex press

### Streamline production, drive growth

The KODAK PROSPER 6000S Press provides a highly economical way to integrate full-color digital printing into existing operations. This state-of-the-art simplex press enables you to add customization and variable data to a broad range of pre-printed web rolls at a running cost far below that of other digital presses. With the PROSPER 6000S Press, you can drive business growth with new digital capabilities, eliminate plate changes or costly off-line processes for short runs and versioning, minimize excess inventory, and free up current production processes for greater productivity.

### Confidence in print

Built using KODAK Stream Inkjet Technology, the PROSPER 6000S Press prints high quality at high speed. At standard resolutions of 600 x 600 dpi, the system can run a blazing fast 300 mpm (1000 fpm), or at 200 mpm (650 fpm) when printing higher resolution 600 x 900 dpi output.

Unique nano-particulate pigment KODAK EKTACOLOR Inks and intelligent inter-station drying optimize both quality and productivity, even in high-coverage applications, while an onboard intelligent print system offers dedicated image quality management and inspection of digitally-printed content. Print widths range from 203 mm (8 inches) to 620 mm (24.5 inches).

### Expand applications

The KODAK PROSPER 6000S Press can print on a wide range of coated and uncoated substrates, making it ideal for adding high-value, relevant content and targeted advertising to labels, direct mail, retail flyers, gaming applications, home décor, and more.

The Heavy Substrate Option opens up even more opportunities by enabling production of folding cartons and other packaging applications on paperboard up to 24 point (405 gsm).

### Complete solution

The PROSPER 6000S Press is easily configured with Kodak partner components to create a complete, end-to-end solution that includes workflow, finishing, and coating.



# KODAK PROSPER 6000S

## PRESS – Standalone

General Specifications	Standard configuration	Heavy Substrate Option
<b>Throughput</b>	Up to 300 mpm (1,000 fpm), up to 4,106 A4 ppm, 8-, 12-, 16-page signatures <sup>1</sup>	Up to 200 mpm (650 fpm), up to 2,669 A4 ppm, 8-, 12-, 16-page signatures <sup>1</sup>
<b>Image quality</b>	150 lpi at 200 mpm (650 fpm); 133 lpi at 300 mpm (1,000 fpm)	
<b>Substrates</b>	Uncoated free sheet groundwood and matte, glossy and silk coated papers; 42 - 270 gsm, 3 - 12 pt, 28# newsprint - 100# cover; Roll width: 20.3 - 64.8 cm (8 - 25.5")	Uncoated and coated paperboard (including but not limited SBS, CUK, CRB) up to 405 gsm, 15 - 24 pt; Roll width: 20.3 - 64.8 cm (8 - 25.5") <i>Recommend min. of 118gsm. Wrinkling may occur at lower weights.</i>
<b>Imaging system</b>	Technology: KODAK Stream Inkjet Technology Ink type: KODAK EKTACOLOR Inks Jetting Modules: 4.16", 24 Jetting Modules within a simplex press	Imaging width: Up to 62.17 cm (24.48") Variable cutoff: Up to 137.2 cm (54") Duty cycle: A4 (45M) or letter pages/month <sup>2</sup>
<b>File formats</b>	PDF, PDF-VT, PPML/GA, PPML/VDX, VPS, POSTSCRIPT, AFP	
<b>Digital front end</b>	KODAK 800 Print Manager (Version 5.2 or higher is required) contains: • KODAK 800 Digital Front End contained in two cabinets with Press Controller Host PC and 1 DFE Control Server Unit and 4 DFE Process / Print Server Units • Hardware-accelerated image processing technology • Internal 20Gbps ethernet network for high speed inter-server communication • Configurable architecture, for expansion and customer-specific solutions	<ul style="list-style-type: none"> <li>• Connectivity: Ethernet TCP/IP 1Gbps twisted pair, IPDS (TCP/IP), or JDF/JMF<sup>3</sup></li> <li>• Speed: Simultaneous RIP and print capability at up to 300 mpm (1,000 fpm)<sup>5</sup></li> <li>• JDF/JMF: Job ticket control, enterprise connectivity and workflow automation</li> <li>• Workflow: Open architecture allows integration into a wide variety of workflows (PDF, PDF-VT, PPML AFP-Direct) KODAK Unified Workflow Solutions. CIP4 JDF compliant, Remote Client, Remote Job Ticketing, Hot folder file submission</li> <li>• IPDS connectivity</li> </ul>
<b>Dimensions (L x W x H)</b>	Standard configuration: 17 x 6 x 2 m (56' x 21' x 8") <sup>4</sup>	Physical dimensions of press: 10 x 6 x 2 m (33' x 21' x 8") <sup>5</sup>
<b>Operating environment</b>	Minimum Temperature: 16°C (60°F) Maximum Temperature: 35°C (95°F) Maximum Altitude (above sea level): 1830 m (6000 ft)	Relative Humidity: 16 - 30°C (60 - 86°F): 10 - 80% RH 31 - 35°C (87 - 95°F): 10 - 60% RH A HVAC circulating system must be installed if room temperature increases by more than 3°C (5.4°F)
<b>Power</b>	Electrical voltage: 3-Phase 50-60Hz and 208-230 50-60h Consumption during operation at 200 mpm (650 fpm): 17.1 Kw (idle), 188.9 Kw (uncoated papers), 201 Kw (glossy and matte coated papers) <sup>6</sup> Consumption during operation at 300 mpm (1,000 fpm): 17.1 Kw (idle), 201.4 Kw (uncoated papers), 221.3 Kw (matte coated papers) <sup>6</sup>	Electrical voltage: 3-Phase 50-60Hz and 208-230 50-60h Consumption during operation at 200 mpm (650 fpm): 17.1 Kw (idle), 201.4 Kw (uncoated papers), 221.3 Kw (glossy and matte coated papers) <sup>6</sup>
<b>Consumables</b>	Jetting modules: KODAK PROSPER Press Jetting Modules KODAK EKTRACOLOR Inks: cyan, magenta, yellow, black, indirect food contact CMYK	KODAK EKTACOLOR Storage Solution and Replenisher Fluid Ink supply: 208-liter drums (55 gal.)
<b>Solutions</b>	Job submission: KODAK INSITE Prepress Portal System Creation and organization: KODAK INSITE Creative Workflow System and KODAK INSITE Asset Library Production management: KODAK PRINERGY Workflow v5.1 or higher Proofing: KODAK MATCHPRINT Inkjet Proofing System and KODAK MATCHPRINT Virtual Technology	Asset management: KODAK Data Management Solutions Color management: KODAK COLORFLOW Software Qualified finishing solutions: Available from Kodak authorized providers
<b>Optional accessories</b>	KODAK PROSPER Press Jetting Module Recovery Station KODAK Color Toolkit Plus Station and training <sup>7</sup> KODAK OPTIMAX Primers	Kodak's Ink Estimator Software Primer and Post-Coating Stations (provided by Kodak partner) Auto Splicer (provided by Kodak partner)

<sup>1</sup> Actual speed and throughput may vary with a specific type of paper and quality expectation; glossy coated papers run up to 650 fpm (200 mpm) only.

<sup>2</sup> Based on 24/7 operation at 70% uptime.

<sup>3</sup> Actual RIP speeds may vary based on complexity of jobs and compliance level of composition engines.

<sup>4</sup> Includes unwinder, optional rewinder and ink depot.

<sup>5</sup> Excludes unwinder, festoon and rewinder.

<sup>6</sup> Running power estimates at 25 - 30% CMYK ink coverage.

<sup>7</sup> A KODAK Color Toolkit Plus Station is mandatory for installations where there is not already a Color Toolkit.

### KODAK.COM/GO/PROSPER

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