KODAK PROSPER 6000S
PRESS – Hybrid

Stream Inkjet Technology

High-speed, low-cost simplex imprinting

Integrate digital and traditional printing

The KODAK PROSPER 6000S Press provides a highly economical way to integrate full-color digital imprinting into existing operations. This state-of-the-art simplex imprinting solution runs in-line with your flexo or offset presses, enabling you to add customization and variable data 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 combine flexo or offset with inkjet in the same web path for optimal efficiency.

Next-generation technology

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 1000 fpm (300 mpm), or at 650 fpm (200 mpm) when printing higher resolution 600 x 900 dpi output.

Unique nano-particulate pigment ink 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 8 inches (203 mm) to 24.5 inches (620 mm).

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 405 gsm (24 point).

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.

Representative installation of KODAK PROSPER 6000S Hybrid model with optional 3rd party equipment—11 unit hybrid flexo/inkjet web press for packaging applications

Auto Splicing Unwind   Flexo   KODAK PROSPER 6000S   Flexo   Die Cutter

KODAK PROSPER 6000S PRESS – Hybrid

General specifications	Standard configuration	Heavy Substrate Option
Throughput	Up to 1,000 fpm (300 mpm), up to 2,182 A4 ppm, 8-, 12-, 16-page signatures[1]	Up to 650 fpm (200 mpm), up to 1,455 A4 ppm, 8-, 12-, 16-page signatures[1]
Imaging quality	Approaching 200 lpi at 650 fpm (200 mpm); 133 lpi at 1,000 fpm (300 mpm)	
Substrates	Uncoated free sheet groundwood and matte, glossy and silk coated papers 42 - 270 gsm, 3 - 12 pt, 28# newsprint – 100# cover. Roll width: 8 - 25.5 inches (20.3 – 64.8 cm)	Uncoated and coated paperboard (including but not limited to SBS, CUK, CRB) up to 405 gsm, 15 - 24 pt Roll width: 8 -25.5 inches (20.3 - 64.8 cm) *Recommend min. of 118gsm. Wrinkling may occur at lower weights.*
Imaging system	Technology: KODAK Stream Inkjet Technology Ink type: Kodak's aqueous pigmented process color inks Jetting modules: 4.16", 24 Jetting Modules within a simplex press Imaging width: Up to 24.48" (62.17 cm) Variable cutoff: Up to 54" (137.2 cm) Duty cycle: 45M A4 or letter pages/month[2]	
File formats	PDF, PDF-VT, PPML/GA, PPML/VDX, VPS, POSTSCRIPT, AFP	
Digital front end	KODAK 700 Print Manager (Version 4.0 or higher is required) contains: • KODAK 700 Digital Front End contained in two cabinets with 1 Control Server and 4 Print Process Servers • Each server contains (at a minimum): Dual QUAD CORE INTEL XEON 2.33 GHz Processors, 6GB RAM, RAID with 1TB system storage, and 2TB for image processing, MICROSOFT WINDOWS 2008 server OS • Hardware-accelerated image processing technology • Scaleable architecture, for expansion and customer-specific solutions • Connectivity: Ethernet TCP/IP 1Gbps twisted pair, IPDS (TCP/IP), or JDF/JMF • One cabinet containing the KODAK PROSPER 720 Press Controller • Speed: Simultaneous RIP and print capability at up to 1,000 fpm (300 mpm)[3] • JDF/JMF: Job ticket control, enterprise connectivity and workflow automation • Workflow: Open architecture allows integration into a wide variety of workflows, including KODAK Unified Workflow Solutions. CIP4 JDF compliant, Remote Client, Remote Job Ticketing, Hot folder file submission • IPDS connectivity	
Dimensions (L x W x H)	Standard configuration: 56 x 21 x 8 feet (17 x 6 x 2 m)[4] Physical dimensions of press: 33 x 21 x 8 feet (10 x 6 x 2 m)[5]	
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 noncondensing; Altitude above sea level: 6,000 feet (1,830 meters) max.	
Power	Electrical voltage: 3-Phase 50-60Hz and 208-230 50-60h Consumption during operation at 650 fpm (200 mpm): 17.1 Kw (idle), 188.9 Kw (uncoated papers), 201 Kw (glossy and matte coated papers)[6] Consumption during operation at 1,000 fpm (300 mpm): 17.1 Kw (idle), 201.4 Kw (uncoated papers), 221.3 Kw (matte coated papers)[6]	Electrical voltage: 3-Phase 50-60Hz and 208-230 50-60h Consumption during operation at 650 fpm (200 mpm): 17.1 Kw (idle), 201.4 Kw (uncoated papers), 221.3 Kw (glossy and matte coated papers)[6]
Consumables	Jetting modules: KODAK PROSPER Press Jetting Modules Inks: KODAK PROSPER Press Pigment Cyan, Magenta, Yellow and Black Inks; Indirect food contact Inks Other fluids: KODAK PROSPER Press Storage Solution and Replenisher Fluid Ink supply: 208-liter drums (55 gal.)	
Solutions	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	
Optional accessories	KODAK PROSPER IOS Offline Coating Solution; KODAK Color Toolkit Plus Station and training;[7] Kodak's Ink Estimator Software	

[1] 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.
[2] Based on 24/7 operation at 70% uptime.
[3] Actual RIP speeds may vary based on complexity of jobs and compliance level of composition engines.

[4] Includes unwinder, optional rewinder and ink depot.
[5] Excludes unwinder, festoon and rewinder.
[6] Running power estimates at 25 – 30% CMYK ink coverage.
[7] A KODAK Color Toolkit Plus Station is mandatory for installations where there is not already a Color Toolkit.

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