

KODAK PROSPER 6000C PRESS

Raising the bar for high ink coverage digital color printing

Intelligent print

The KODAK PROSPER 6000C Press resets printing industry standards, with an unmatched combination of outstanding quality, productivity, and compelling economics. It's well suited for the demands of commercial print operations that produce direct mailers, inserts, catalogs, books and newspapers with very high ink coverage.

The PROSPER 6000C Press leverages technical innovations and capabilities that are unlike those of any other press. Its Intelligent Print System technology constantly monitors and evaluates press operation to ensure exceptional output quality and efficient throughput.

Offset-class quality

The PROSPER 6000C Press consistently delivers print quality that's comparable to offset—on a range of uncoated, coated, glossy and silk papers—with zero compromise on productivity. It provides full-color 4-over-4 perfecting output with a print width of up to 62.1 cm (24.45") at speeds up to 300 mpm (1,000 fpm).

To further improve quality, nano-particulate pigment KODAK EKTACOLOR Inks are matched to the press's imaging system. The result is print quality that approaches offset on a wide range of substrates, with the unique flexibility and value of variable printing—all at high throughput speeds.

Peerless productivity

The KODAK PROSPER 6000C Press features a robust and reliable design optimized for productivity and the ability to handle a wide range of papers. Innovations in press design, drying, digital front end and imaging systems combine to deliver the highest levels of reliability, print speed, application flexibility, and ease of use. It is one of the most cost-effective inkjet web presses available today for 8-, 12- and 16-page signatures, with low-cost consumables and exceptional productivity.

Compelling economics

With a combination of industry-leading productivity, very cost-effective consumables, and bulletproof reliability, the PROSPER 6000C Press produces saleable prints at a compellingly low cost per page. Other factors that contribute to cost savings—and profitability—are longer inkjet head life, greater operational uptime, and press settings to reduce job setup and make-ready time.

With offset-comparable output and exceptional productivity the KODAK PROSPER 6000C Press raises the bar for high ink coverage digital color printing.



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PRESS

General Specifications	
Throughput	Up to 300 mpm (1,000 fpm), up to 4,106 A4 ppm, 8-, 12-, 16-page signatures ⁴
Image quality	175 lpi at 200 mpm (650 fpm); 133 lpi at 300 mpm (1,000 fpm)
Substrates	Types: 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")
Imaging system	Technology: KODAK Stream Inkjet Technology Ink type: KODAK EKTACOLOR Inks Jetting Modules: 4.16", 48 Jetting Modules within a standard perfecting press Imaging width: Up to 62.1 cm (24.45") Variable cutoff: Up to 137.2 cm (54") Duty cycle: A4 (90M) or letter pages/month ¹
File formats	PDF, PDF-VT, PPML/GA, PPML/VDX, VPS, POSTSCRIPT, AFP
Digital front end	KODAK 800 Print Manager (Version 5.2 or higher is required) contains: <ul style="list-style-type: none"> • 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 • 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 300 mpm (1,000 fpm)⁵ • JDF/JMF: Job ticket control, enterprise connectivity and workflow automation • 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 • IPDS connectivity
Dimensions (L x W x H)	Standard configuration: 28 x 8 x 2 m (92' x 26' x 8") ² Physical dimensions of press: L-shaped: 16 x 20 x 2 m (52' x 64' x 8") ² Standard configuration: 21 x 5 x 2 m (68' x 16' x 8') U-shaped: 15 x 13 x 2 m (50' x 43' x 8") ² L-shaped configuration: 13 x 16 x 2 m (44' x 52' x 8') U-shaped configuration: 12 x 13 x 2 m (40' x 43' x 8')
Operating environment	Minimum Temperature: 16°C (60°F) Relative Humidity: 16 - 30°C (60 - 86°F): 10 - 80% RH Maximum Temperature: 35°C (95°F) 31 - 35°C (87 - 95°F): 10 - 60% RH Maximum Altitude (above sea level): 1830 m (6000 ft) A HVAC circulating system must be installed if room temperature increases by more than 3°C (5.4°F)
Power	Electrical voltage: 3-Phase 50-60Hz and 208-230 50-60h Consumption during operation at 200 mpm (650 fpm): 34.2 Kw (idle), 377.8 Kw (uncoated papers), 401.9 Kw (glossy and matte coated papers) ³ Consumption during operation at 300 mpm (1,000 fpm): 34.2 Kw (idle), 402.8 Kw (uncoated papers), 442.6 Kw (matte coated papers) ³
Consumables	Jetting modules: KODAK PROSPER Press Jetting Modules KODAK EKTACOLOR Inks: cyan, magenta, yellow, black, indirect food contact CMYK KODAK EKTACOLOR 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 Press Jetting Module Recovery Station Kodak's Ink Estimator Software KODAK Color Toolkit Plus Station and training ⁶ Primer and Post-Coating Stations (provided by Kodak partner) KODAK OPTIMAX Primers Auto Splicer (provided by Kodak partner)

¹ Based on 24/7 operation at 70% uptime.

² Includes unwinder, optional rewinder and ink depot.

³ Running power estimates at 25 - 30% CMYK ink coverage.

⁴ Actual speed and throughput may vary with a specific type of paper and quality expectation; glossy coated papers run up to 200 mpm (650 fpm) only.

⁵ Actual RIP speeds may vary based on complexity of jobs and compliance level of composition engines.

⁶ A KODAK Color Toolkit Plus Station is mandatory for installations where there is not already a Color Toolkit.

KODAK.COM/GO/6000

Eastman Kodak Company 343 State Street Rochester, NY 14650 USA

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