

KODAK PROSPER ULTRA 520

PRESS



Think you know inkjet? Think again.

The KODAK PROSPER ULTRA 520 press delivers the quality and output you'd expect from offset—at inkjet prices. It offers:

- Low-cost consumables
- Unrivalled productivity
- The flexibility of variable print

Perfect for commercial printers producing direct mailers, inserts, catalogs and books – even those with high ink coverage.

Quality

The ULTRA 520's Intelligent Print System technology constantly evaluates press operation to ensure exceptional output quality and efficient throughput.

- Our ULTRASTREAM Inkjet Technology consistently delivers print quality comparable to 200 lpi offset on uncoated, coated, glossy and silk papers – with no compromise on productivity.
- Kodak's nanotechnology inks produce sharp text, images and graphics, and uniform area fills with 100% variable data content at full press speed.
- Expect full-color 4-over-4 perfecting output with a scalable web width of up to 21 inches (533 mm) at speeds of 500 feet per minute (150 mpm).

Productivity

- The PROSPER ULTRA 520 is a compact unit that produces up to 60 million top quality pages per month.

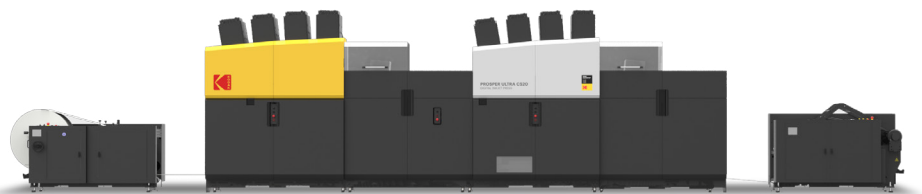
- Built with open architecture interfaces, it integrates with your existing set-up, whether that's 2-up workflow, off-line, near-line, or dedicated in-line finishing equipment.
- When printing on glossy materials, the PROSPER ULTRA 520 press operates at full rated speeds – unlike rival systems.
- Innovations in press design, drying, digital front end and imaging systems deliver unmatched reliability, flexibility and ease of use.

All at a low cost

- With industry-leading productivity, ink usage and reliability, the PROSPER ULTRA 520 produces high quality print at a compellingly low cost per page.
- It also boasts longer inkjet head life, more operational uptime, and reduced job setup and make-ready time. So you get even greater cost savings. And profits.

In a world of its own

With offset-comparable output and exceptional productivity—driven by Kodak's breakthrough Intelligent Print System—the KODAK PROSPER ULTRA 520 press represents a true revolution in inkjet printing.



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General Specifications	
Press models	ULTRA C520 for high ink coverage applications ULTRA P520 for medium-to-low ink coverage applications
Print technology	KODAK ULTRASTREAM continuous inkjet technology
Ink	KODAK nanoparticulate aqueous pigment CMYK inks
Maximum print width	520 mm (20.5 in.)
Resolution	600 x 1800 dpi (200 lpi equivalent)
Speed	150 meters per minute (500 feet per minute): 2,020 A4 portrait images per minute (2-up duplex) 2,148 US letter portrait images per minute (2-up duplex)
Print modes	4/4, 4/1, 4/0, 1/1, 1/0
Pre & post press options	Open architecture tight web paper transport for easy integration with 3rd party equipment: Auto-splicer unwind Pre-coating Post-coating (UV or aqueous) Roll-to-sheet Punch / perforation, selective perforation Roll-to-fold Roll-to-roll
Paper widths	533 mm (21 in.) to 203 mm (8 in)
Paper weight range	45 – 270 gsm on ULTRA C520 45 – 160 gsm on ULTRA P520 (may print heavier weight papers at reduced speed)
Paper types	Coated, uncoated and newsprint. Inkjet treated or standard offset with optional KODAK IOS ULTRA P520 may print coated papers at a reduced print speed
Drying	Intelligent near infrared drying: 2 units in ULTRA P520 and 4 units in ULTRA C520
Data & press controller	KODAK 900 Print Manager
Data file formats	PDF, PDF/VT, AFP
Data inspection system	KODAK Intelligent Print System for stitching, color-to-color and front-to-back registration Optional image inspection system
Screening	KODAK hardware enabled. Choice of KODAK error diffusion or threshold matrix
Environmental operating ranges	16 C – 30 C (60 F – 86 F) temperature at 10% - 90% relative humidity 30 C – 40 C (85 F – 104 F) temperature at 10% - 60% relative humidity Altitude: up to 1,830 meters (6,000 feet) above sea level
Power source	Transport & inkjet 400V, 3 phase; Dryer & unwinder 400V – 480V, 3 phase
Installation floor space	14.94 meters (48 ft. 10 in.) x 7.31 meters (24 ft.) Includes press, unwind, rewind, DFE, fluid systems, ink tanks, and optional pre or post coater* <i>*Customers choice of pre and post finishing equipment may impact installation space required</i>
Duty cycle	Up to 60M pages per month

*Specifications subject to change.

KODAK.COM/GO/PROSPER

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