

# 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:

- Economical 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.
- KODACHROME 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 (152 mpm).

### Productivity

- The PROSPER ULTRA 520 is a compact unit that produces up to 62.4 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.

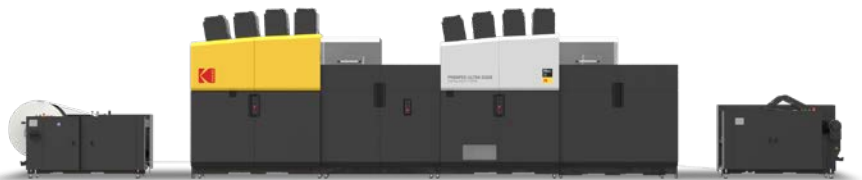
- When printing on glossy materials, the PROSPER ULTRA 520 Press operates at full rated speeds – unlike rival systems.
- Innovations in press design, drying, digital front end and imaging systems deliver unmatched reliability, flexibility and ease of use.

### All at compelling economics

- 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.



# KODAK PROSPER ULTRA 520

## PRESS

### General Specifications

<b>Press models</b>	ULTRA C520 for high ink coverage applications ULTRA P520 for medium-to-low ink coverage applications
<b>Print technology</b>	KODAK ULTRASTREAM continuous inkjet technology
<b>Ink</b>	KODACHROME Ink
<b>Maximum print width</b>	520 mm (20.5 in.)
<b>Resolution</b>	200 lpi equivalent (600 x 1800 dpi)
<b>Speed</b>	152 meters per minute (500 feet per minute): 12,950 B2 sheets per hour 2,020 A4 portrait images per minute (2-up duplex) 2,148 US letter portrait images per minute (2-up duplex)
<b>Print modes</b>	4/4, 4/1, 4/0, 1/1, 1/0
<b>Pre &amp; post press options</b>	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
<b>Paper widths</b>	533 mm (21 in.) to 203 mm (8 in.)
<b>Maximum page length</b>	3.8 m (150 in.)
<b>Paper weight range</b>	45 – 270 gsm on ULTRA C520 45 – 160 gsm on ULTRA P520 (may print heavier weight papers at reduced speed)
<b>Paper types</b>	Coated, uncoated and newsprint. Inkjet treated or standard offset with optional KODAK OPTIMAX Primers ULTRA P520 may print coated papers at a reduced print speed
<b>Drying</b>	Intelligent near infrared drying: 2 units in ULTRA P520 and 4 units in ULTRA C520
<b>Data &amp; press controller</b>	KODAK 900 Print Manager
<b>Data file formats</b>	PDF, PDF/VT, AFP
<b>Data inspection system</b>	KODAK Intelligent Print System for stitching, color-to-color and front-to-back registration Optional image inspection system
<b>Screening</b>	KODAK hardware enabled. Choice of KODAK error diffusion or threshold matrix
<b>Environmental operating ranges</b>	16 C – 30 C (60 F – 86 F) temperature at 10% - 90% relative humidity 30 C – 35 C (85 F – 95 F) temperature at 10% - 60% relative humidity Altitude: up to 1,830 meters (6,000 feet) above sea level
<b>Power source</b>	Transport & inkjet 400V, 3 phase; Dryer & unwinder 400V – 480V, 3 phase
<b>Installation floor space</b>	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>
<b>Duty cycle</b>	Up to 62.4M pages per month

\*Specifications subject to change.

[KODAK.COM/GO/ULTRA520](https://www.kodak.com/go/ultra520)

 **KODAK**  
**ULTRASTREAM**  
INKJET TECHNOLOGY

