KODAK PROSPER ULTRA
520 PRESS

Think you know inkjet? Think again.

REDEFINING INKJET

With offset-comparable output and exceptional productivity the KODAK PROSPER ULTRA 520 Press represents a true revolution in inkjet printing.

Stunning inks with the widest range of paper stocks on the market. With faster setup times and special pre-programmed quality modes, the press provides the perfect partner to offset: delivering premium-class printing at production speeds.

1.4x
Larger color gamut than Fogra and GRACol

12,950
B2 sheets per hour printed four-over-four

2-3x
Faster than competitive devices in highest quality mode, offering unparalleled labor savings

101%
More pages moved from offset to digital than competitive devices

Direct mail	Catalogs	Publishing
Inserts	Post cards	Photobooks

To look inside the press, check out our interactive demo

1 OFFSET QUALITY FROM DIGITAL

Satisfy even your most demanding customers with print quality that rivals 200 LPI offset.

2 HIGHER PROFITS

Achieve higher run-length cross-over with offset thanks to economical inks and long-life printheads. Grow higher value digital jobs.

PROSPER ULTRA C520
DIGITAL INKJET PRESS

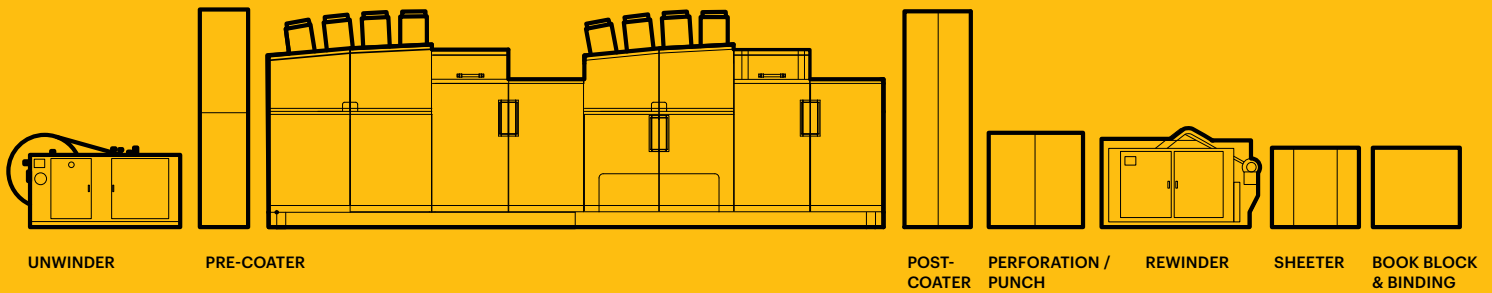# 3 PRODUCTIVITY WITHOUT COMPROMISE

Reduce labor costs and increase capacity without compromising quality with the fastest speed at the highest resolution. Time to embrace the digital print evolution.

4 WORK FASTER

Get on press in lightning speed with the KODAK 900 Print Manager digital front end and the state-of-the-art ADOBE APPE 5 RIP.

KODAK PROSPER
ULTRA 520 PRESS

UNWINDER   PRE-COATER   POST-COATER   PERFORATION / PUNCH   REWINDER   SHEETER   BOOK BLOCK & BINDING

5 INFINITELY CUSTOMIZABLE

Build a unique solution for your business needs. With an open architecture, your pre- and post-processing options are limitless.

6 SEAMLESS INTEGRATION

The PROSPER ULTRA 520 Press integrates easily into existing workflows, including KODAK PRINERGY Workflow, or third-party systems delivering huge savings on setup time, labor, and remakes.

KODAK ULTRASTREAM Inkjet Technology provides the ultimate in color fidelity, line straightness, highlights, details, and consistency over long runs.

- High resolution and small drop size
- Round and uniform drop formation
- Accurate drop placement
- Water-based nano-particulate pigment inks

KODAK ULTRASTREAM INKJET TECHNOLOGY

EXCEPTIONAL QUALITY

Exceptional quality at the fastest speeds even on the most demanding jobs with heavy ink coverage on glossy and coated papers.

HUMAN-FRIENDLY INKS

Kodak's eco-friendly, water-based nanoparticulate pigment inks do not require a hazardous waste removal process. Toy safe for children's books and food safe for indirect contact.

MITIGATE RISKS

With the rising costs of offset plates, energy prices soaring, and stresses on supply chains, the PROSPER ULTRA 520 Press will help you mitigate the risks you are facing today. Embrace digital print technology for a successful tomorrow.

CONTINUOUS PRODUCTIVITY.

CONTINUOUS PROFITABILITY.

CONTINUOUS INKJET.

PREMIUM RESULTS

The PROSPER ULTRA 520 Press is for printers who demand premium results, every job, every day. It combines offset quality print with the cost benefits and creative versatility of inkjet. PROSPER ULTRA 520 Press is a great digital complement to your current offset production.

PRINT THAT PAYS

A full range of solutions to help you
increase productivity and drive growth

KODAK PROSPER ULTRA 520 Press

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	KODACHROME Inks
Maximum print width	520 mm (20.5 in.)
Maximum page length	3.8 m (150 in.)
Resolution	600 x 1800 dpi (200 lpi equivalent)
Speed	152 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
Duty cycle	Up to 62.4M pages per month
Pre & post press options	Open architecture tight web paper transport for easy integration with 3rd party equipment
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 OPTIMAX Primers 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 – 35°C (85°F – 95°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*

*Customers choice of pre and post finishing equipment may impact installation space required