

KODAK NEXFINITY

DIGITAL PRESS



KODAK
DYNAMIC IMAGING
TECHNOLOGY



Print more. Profit more.

Step-change in digital performance

Optimize the productivity and profit potential of your entire operation with the KODAK NEXFINITY Press. Built upon the success of the award-winning NEXPRESS Press portfolio, the NEXFINITY platform is powered by a brand new imaging system utilizing KODAK Dynamic Imaging Technology. With a maximum speed of 131 A4 pages per minute, this innovative press is ideal for monthly page volumes that exceed 1,000,000 impressions, enabling you to optimize your offset/digital production mix and grow total page volume.

Exceptional image quality and consistency over long runs

The NEXFINITY Press debuts a new writing system that quadruples the density of information being imaged to 1200 dpi by 256 exposure levels, enabling outstanding detail in highlight and shadow areas. Dynamic Imaging Technology automatically optimizes images on the fly in real time using proprietary computational screening algorithms that are applied as needed, even to small areas within images. Together, the press's high-resolution writing system and new screening algorithms tighten control of dot sharpness, boosting quality and consistency over long runs.

Running costs consistent with medium-run offset litho

Constant, ongoing image correction happening within NEXFINITY Press enables its built-in Intelligent Calibration System (ICS) to fine-tune the automated adjustments it makes over time. Uniformity is maintained at high levels over long runs, helping deliver running costs that are competitive with medium-run offset litho.

Using standard commercial substrates will also help you keep running costs down. With the NEXFINITY Press, you eliminate the need to purchase high-cost digital papers that command a price premium.

Versatility to print 110% of commercial print applications

Direct mail. Commercial print. Publishing, Packaging. Photo applications. You name it, the NEXFINITY Press can produce it, expanding the range of applications you can produce with a single press.

Support for sheet lengths up to 48" / 1219 mm and thick media (up to 24 pt paper and 14 mil synthetic), gives you maximum flexibility in the types of jobs you can sell, opening the door to new business.

You'll also be able to apply digital print enhancements that print buyers are willing to pay for. Unique specialty inks and surface finishes — including gold, 3-D dimensional, opaque white and clear dry inks — are easy to use, and help your customers differentiate their communications in a crowded marketplace.

Upgradeable platform protects your investment

Like all KODAK digital sheetfed presses, NEXFINITY Press is designed to appreciate over time, with an ongoing stream of upgrades and advancements that will improve productivity and further expand application flexibility.



KODAK NEXFINITY DIGITAL PRESS

KODAK NEXFINITY Digital Press		
Print rate (single sided 4/0 or 5/0)	Standard feeder (sheets per hour)	Optional feeder (sheets per hour)
A4 / 8.5 x 11 in / legal	7200 (120 ppm)	7854 (131 ppm) ¹
A3 / 11 x 17 in	3600	3600
356 x 520 mm / 14 x 20.47 in	3273	3273
356 x 660 mm / 14 x 26 in	NA	2618
356 x 1000 mm / 14 x 39.37 in	NA	1636
356 x 1219 mm / 14 x 48 in	NA	1309
Maximum sheet size	356 x 520 mm (14 x 20.47 in)	356 x 1219 mm (14 x 48 in)
Minimum sheet size	266 x 200 mm (10.47 x 7.9 in)	266 x 242 mm (10.47 x 9.5 in)
Maximum imageable area²	340 x 510 mm (13.4 x 20 in)	340 x 1209 mm (13.4 x 47.61 in)
General specifications		
Base configuration	<ul style="list-style-type: none"> • 5-color print engine • 4 standard feeders with total capacity of 11,000 sheets³ • 1 high-capacity delivery with total capacity of 5000 sheets³ • KODAK Digital Front End • KODAK NEXPRESS Light Black HD Dry Ink in Fifth Unit Station • Standard paper feeding up to 520 mm / 20.47 in paper length 	
Imaging technology	Dry electrophotography, 1200 dpi, multi-bit (up to 8-bit with 256 levels of exposure per LED)	
Substrates	<p>Paper: uncoated, matte coated, glossy coated, cast coated and textured, wood free and recycled, including a wide selection of standard offset papers</p> <p>Special substrates: uncoated, matte coated, glossy coated labels; paper-backed transparencies; magnetic; photo book paper; synthetics; pre-perforated and scored specialty stocks</p>	
Substrate weight	<p>Standard: 60 to 457 g/m² uncoated in internal supplies; 80 to 457 g/m² coated in internal supplies</p> <p>Optional Long Sheet Feeder: up to 530 g/m²</p>	
Paper feeding	<p>Two 1000-sheet feeders, each with 100 mm (4 in.) pile height³</p> <p>Two 4500-sheet feeders, each with 450 mm (18 in.) pile height³</p> <p>Optional: up to 24 PT / 610 microns on select substrates</p>	
Paper delivery	<p>High-capacity delivery: Total capacity of 5000 sheets / 500 mm (19.5 in) pile height³</p> <p>Proof delivery of 500 sheets / 50 mm (2 in) pile height³</p> <p>Paper cart</p> <p>Optional: Multigraf Long Sheet Delivery for sheets up to 1 meter long</p>	
Dimensions: base configuration	L x W x H: 6045 x 2032 x 1778 mm (19 ft 10 in x 6 ft 8 in x 5 ft 10 in)	
Weight: base configuration	3,873 kg (8,538 lb)	
Modular options / accessories	<p>KODAK NEXPRESS Fifth Imaging Unit Solutions:</p> <ul style="list-style-type: none"> - KODAK NEXPRESS Intelligent Dimensional Coating Solution - KODAK NEXPRESS Intelligent Color Solution, gamut expansion (choice of red, green, or blue) - KODAK NEXPRESS Intelligent Glossing Solution - KODAK NEXPRESS MICR Solution⁴ - KODAK NEXPRESS Light Black HD Dry Ink - KODAK NEXPRESS Red Fluorescing Dry Ink - KODAK NEXPRESS Gold Dry Ink - KODAK NEXPRESS Clear Dry Ink - KODAK NEXPRESS Opaque White Dry Ink 	<ul style="list-style-type: none"> • Matte Finish Option • KODAK NEXPRESS Glossing Unit for Intelligent Glossing Solution • In-line UV Coating Solution • Additional high-capacity delivery • Additional paper cart • In-line finishing via a variety of devices via the Open Output option <p>Required for sheets longer than 520 mm (20.47 in):</p> <ul style="list-style-type: none"> • Sheet feeder for sheets up to 1000 mm (39.37 in) — 6,350 sheets / 635 mm (25 in) pile height³ • Roll feeder for sheets up to 660 mm (26 in) — up to 60,000 pages as a fifth paper supply

¹ When printing 3-up letter or A4 images on a 26"/660 mm long sheet

² A larger maximum imageable area is available for some applications with customization. With customization, maximum image area is 340 x 512 mm (13.4 x 20.15 in) with the Standard feeder, and 340 x 1209 mm (13.4 x 47.61 in.) with the Optional feeder.

³ Capacity measured with 100 g/m² paper.

⁴ 83 ppm presses require a speed upgrade to 100 ppm.

KODAK NEXFINITY Digital Press is PANTONE® PMS, PANTONE GOE and PANTONE PLUS licensed. Note: Actual measurements are in metric units. Conversions to English units have been rounded.

