

Kodak

Trendsetter NX Imager



High-quality CTP output for digital flexo plate making

Building on our success and expertise in thermal CTP technology, **Kodak Trendsetter** NX Imagers deliver exceptional productivity and consistency, as well as a wide tonal range for flexographic printing. Available in Narrow and Mid formats, **Trendsetter** NX Imagers offer outstanding imaging technology, semi-automatic operation, process stability, and easy maintenance.

As part of the **Kodak Flexcel** NX Digital Flexographic System, these reliable and robust imagers allow packaging printers to produce high quality results that differentiate their products. **Trendsetter** NX Imagers use **Kodak SQUAREspot** Imaging Technology for outstanding process control and to produce an image dot size as small as 10 microns.

Speed and versatility

Trendsetter NX Imagers expose the **Kodak Flexcel** NX Thermal Imaging Layer at an impressive speed of 9.5 m² per hour, about half the time it takes to image a digital flexo plate with a laser ablative mask. Loading and unloading are also faster, because no taping or clamping is required.

Following exposure, the imaging layer is laminated to a **Kodak Flexcel** NX Digital Flexographic Plate. The result? A digital flexo plate imaging solution that eliminates highlight drop-off and provides exceptional printing results.

The hybrid option for **Trendsetter** NX Mid and Narrow Imagers enables imaging of both flexo and offset plates on the same device, maximizing your return on investment as well as image quality across substrates.

Complete solution from Kodak

Kodak Devices are a solid business investment, combining superb speed, image quality, process stability and reliability. When bundled with the **Kodak Prinergy** Workflow System for packaging, Kodak's color proofing systems, and **Kodak** Service and Support, **Trendsetter** NX Imagers are part of a complete **Kodak** Solution that delivers high quality and consistency to packaging printers.

Kodak Trendsetter NX Imager product specifications

Trendsetter NX Narrow Imager

Trendsetter NX Mid Imager

Speed

Line speed	208.3 mm (8.2 in.) per minute	
Area	9.5 m ² per hour	
Imaging time	4 minutes per imaging layer	6 minutes per imaging layer

Media specifications

Media type	Kodak Flexcel NX Thermal Imaging Layer (which works with Kodak Flexcel NX Digital Flexographic Plates)	
Media sizes	Minimum: 215 x 300 mm (8.5 x 11.8 in.) Maximum: 838 x 838 mm (33 x 33 in.)	Minimum: 215 x 300 mm (8.5 x 11.8 in.) Maximum: 1143 x 838 mm (45 x 33 in.)
Repeatability	+/- 5 microns between two consecutive exposures	
Resolution	2400 dpi	
Screening	450 lpi maximum linescreen Kodak Maxtone Screening and Kodak Maxtone CX Screening Kodak HyperFlex Ready Imaging Technology	

Workflow specifications

Workflow connectivity	Kodak TIFF Front End Software Optional: Kodak Prinergy Powerpack Workflow System	
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Physical characteristics

Dimensions (H x W x D)	1600 x 2830 x 1070 mm (63 x 11.4 x 42 in.)	
Weight	Trendsetter Imager: 544 kg (1200 lb.) Debris removal system (UDRC): 57 kg (125 lb.)	

	Trendsetter NX Narrow Imager with hybrid option	Trendsetter NX Mid Imager with hybrid option
Throughput (offset plates)	V speed: 43 plates per hour	F speed: 22 plates per hour V speed: 30 plates per hour X speed: 34 plates per hour
Registration	+/- 25 microns between image and edge (at largest plate size)	

Media specifications

Media type	Digital offset plates	
Media thickness	0.15 - 0.40 mm	
Media sizes	Minimum: 215 x 300 mm (8.5 x 11.8 in.) Maximum: 838 x 990 mm (33 x 39 in.)	Minimum: 215 x 300 mm (8.5 x 11.8 in.) Maximum: 1143 x 838 mm (45 x 33 in.)
Screening	450 lpi maximum linescreen; 20-micron Kodak Staccato Screening Optional: 10-micron Kodak Staccato Screening	

Kodak Flexcel NX Laminator

Dimensions (H x W x D)	900 x 1810 x 1102 mm (35.4 x 71.3 x 43.4 in.)
Weight	350 kg (770 lb.)

The platesetter is a Class 1 Laser Product and fully complies with EN60825-1 and US Federal Regulations 21 CFR 1040.10 - CDRH.

To learn more about solutions from Kodak:

Visit graphics.kodak.com

Produced using **Kodak** Technology.
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W.PS.323.0109.en.02 (K-534)



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