



KODAK FLEXCEL
NX SYSTEM

FLEXCEL NX Mid/Narrow System

Compact and mighty

miracloⁿ

The KODAK FLEXCEL NX System has a serious advantage. One that goes beyond the traditional capabilities of flexo. It's flexo without compromise. Ready to compete?

Meet the KODAK FLEXCEL NX Mid/Narrow Imager. With a smart footprint and the latest hardware, it delivers exceptional speed and surprising versatility for reliable small format applications. And for imaging both flexo and thermal offset plates, the Hybrid Option nicely maximizes your time and investment.

Unmatched technology.

You want unsurpassed quality output with zero impact on productivity. Unique FLEXCEL NX imaging technology gives you the powerful NX Advantage that sets you up for guaranteed success on press. And with KODAK SQUARESPOT Imaging Technology, impeccable process control is yours. Consistent, efficient, compelling. What quality gap?

Looking for the fastest imaging speed in the industry? FLEXCEL NX Imagers expose the FLEXCEL NX Thermal Imaging Layer at breathtaking speed. Expect highly efficient and cost-effective plate making. On repeat.

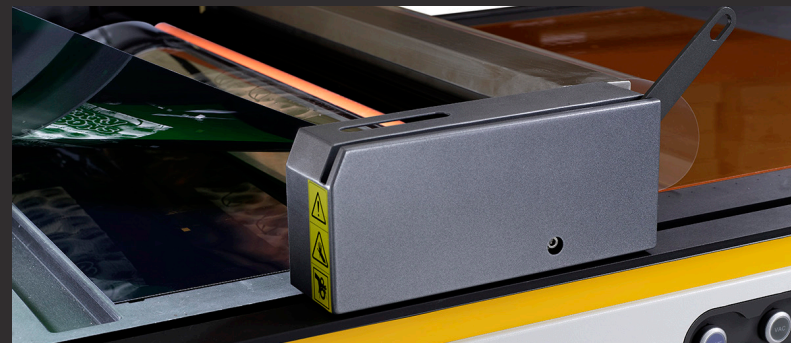
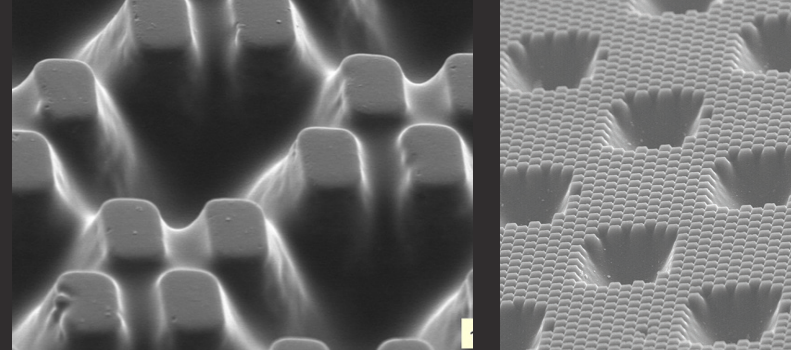
| It's flexo without compromise.

Rich capabilities.

Versatile products and proven technologies that can adapt quickly to shifting markets are the rule. Already a robust platform, enhancements to the FLEXCEL NX System are backwards compatible. Outstanding imaging technology, impressive productivity and process stability along with easy maintenance - a solid ROI.

Complete solution.

With innovative hardware, software, and consumables designed to work seamlessly together, the FLEXCEL NX System delivers one powerful performance. Along with Miracloⁿ's world-class service and support, you have a best-in-class solution to deliver high-definition flexo printing that exceeds expectations. Even yours.



Complete integration

FLEXCEL NX Mid/Narrow Imager

Easy to use and semi-automatic with impressively fast imaging, it's designed to work exclusively with FLEXCEL NX Plate Kits. And for a process-free alternative to conventional silver halide film, it's fully compatible for KODAK DITR Film imaging.

FLEXCEL NX Laminator

Quick and simple lamination of the FLEXCEL NX Thermal Imaging Layer to the FLEXCEL NX Plate prior to exposure and processing removes all oxygen between mask and plate for full-amplitude flat top dots. Crystal clear difference.

FLEXCEL NX Central Software

The FLEXCEL NX System includes FLEXCEL NX Central Software, an automated solution which optimizes the plate layout process and streamlines the delivery of Miracron's advanced plate surface patterning technology. The software maximizes production efficiency so that you can complete more jobs in less time, at a lower cost.

Powered by NX Advantage

NX Advantage technology, that includes patented Advanced Edge Definition, is unique to the FLEXCEL NX System and gives flexo printers an unprecedented level of control over ink transfer during the printing process, resulting in substantial print production efficiency and quality benefits with a simple plate portfolio.

SQUARESPOT Technology

SQUARESPOT Imaging Technology is Kodak's award-winning thermal imaging technology, available only in Kodak imaging devices. SQUARESPOT Technology allows printers to reach a higher level of stability, accuracy, and reliability in their printing operation.

FLEXCEL NX Mid/Narrow System

Technical Specifications

Workflow specifications					
Workflow connectivity	KODAK FLEXCEL NX Central Software; accepts 1 bit TIFF and LEN files from all workflow systems				
Specifications for imaging KODAK FLEXCEL NX Thermal Imaging Layer (TIL)					
Imaging speed	With KODAK DIGICAP NX Patterning applied: 13.5 m ² /hr Without DIGICAP NX Patterning applied: 12.5 m ² /hr				
Media sizes and throughput * (includes loading and unloading)	TIL size	For plate size	Mid	Narrow	Sheets imaged per hour @2400 dpi with DIGICAP NX
	640 x 838 mm (25.2 x 33 in)	610 x 762 mm (24 x 30 in)	•	•	18
	838 x 1097 mm (33 x 43.2 in)	800 x 1067 mm (31.5 x 42 in)	•		12
Resolution	2400 dpi				
Repeatability	± 8 microns between 2 consecutive exposures on the same TIL left on the drum				
Finished plate resolution	300 lpi maximum linescreen (0.4% to 99.6%)				
Physical characteristics for imager					
Dimensions (H x W x D)	160 x 200 x 120 cm (63 x 79 x 48 in)				
Weight	Imager: 650 kg (1433 lb)				
Physical characteristics for laminator					
Dimensions (H x W x D)	90 x 181 x 110 cm (35.4 x 71.3 x 43.4 in)				
Weight	350 kg (770 lb)				
Operating conditions					
Temperature	17°- 30°C (63° - 86°F)				
Humidity	40% - 60% relative humidity, non-condensing				
Optional upgrades					
Hybrid Option	Enables the imaging of thermal offset plates				
Format Upgrade	Narrow imager can be upgraded to a Mid imager				
Resolution Upgrade	High resolution imaging option 9600 X 4800 dpi				
Accessories	Densitometer included with system, FLEXCEL NX Workstation				

*KODAK FLEXCEL NX System is compatible with KODAK DITR Film.

A full portfolio

	Plate sizes					
System Type	610 x 762 mm 24 x 30 inch	800 x 1067 mm 31.5 x 42 inch	900 x 1200 mm 35.4 x 47.2 inch	1067 x 1524 mm 42 x 60 inch	1270 x 1651 mm 50 x 65 inch	1270 x 2032 mm 50 x 80 inch
FLEXCEL NX Wide 5080 System	•	•	•	•	•	•
FLEXCEL NX Wide 4260 System	•	•	•	•		
FLEXCEL NX Wide 3548 System	•	•	•			
FLEXCEL NX Mid System	•	•				
FLEXCEL NX Narrow System	•					