

KODAK TRENDSETTER NEWS PLATESETTER



Exceptional stability, reliability, and quality

Thermal imaging is the right choice for newspapers

TRENDSETTER NEWS Platesetters bring the quality, stability, and repeatability of thermal imaging to newspaper printing. Thermal imaging reduces process variations found in visible light and UV systems that can lead to variable quality, so you are able to improve your margins through efficient plate making and deliver excellent print quality. In addition, thermal imaging allows you to utilize daylight conditions in prepress and is the only technology that enables process free plate making. Thermal imaging is fast too. The W-speed option lets you image up to 240 plates per hour, and with KODAK SONORA NEWS Process Free Plates, there's no processing step.

New MCU increases productivity

You have the flexibility to choose the level of automation that's right for your business. The new Multi Cassette Unit (MCU) offers automated plate loading and unloading of up to 960 plates, so you can run continuously for longer. The TRENDSETTER NEWS Platesetter is also available with an optional panorama and dual broadsheet plate rotation to position the plate ready to inline punch & bend with a compact footprint.

New app for remote monitoring

The new, optional, KODAK Mobile CTP Control App lets you monitor your TRENDSETTER NEWS Platesetter remotely with your Android or IOS device. Know instantly if one of your CTP devices needs attention, even if you are out of the room or off site, so you can get back to making plates quickly.

Expand your opportunities with SQUARESPOT Imaging Technology

All TRENDSETTER NEWS Platesetters use KODAK SQUARESPOT Imaging Technology, so you can produce plates of outstanding quality at an affordable price. Thermal SQUARESPOT Technology delivers consistent dot accuracy and provides tonal stability for repeatable AM screens. The result is higher screen rules, sharper linework, excellent reverse type and legibility, and minimal early dot wear.

Reduce your environmental footprint

The KODAK TRENDSETTER NEWS Platesetter can help you maximize quality and productivity while minimizing environmental impact. Its small footprint reduces shipping waste and costs, as well as space requirements, and a new cooling system enables power savings of up to 30%* from its initial design—down to only 770 watts while imaging. The TRENDSETTER NEWS Platesetter also supports SONORA NEWS Process Free Plates, so you can completely eliminate your processor and chemistry.

* Compared to the KODAK TRENDSETTER NEWS Series IV Platesetters



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General specifications

Technology	830 nm platesetter with KODAK SQUARESPOT Imaging Technology, external drum
Automation options	<p><i>Standard:</i> Semi-automatic plate loading and unloading</p> <p><i>Auto Unload</i> (optional): Semi-automatic plate loading and automatic unloading to plate processor or stacker; optional automatic panorama and dual broadsheet plate rotation</p> <p><i>Autoloader</i> (optional): Automated plate loading and unloading of up to 166 plates without slip sheets (0.3 mm); optional automatic panorama and dual broadsheet plate rotation</p> <p><i>Single Cassette Unit</i> (optional): Automated plate loading and unloading of up to 240 plates (0.3 mm) with automated slip sheet removal, optional automatic panorama and dual broadsheet plate rotation</p> <p><i>Multi Cassette Unit</i> (optional): Automated plate loading and unloading of up to 960 plates (0.3 mm) in 4 cassettes, each containing up to 240 plates of the same size and thickness with slip sheets. Automated slip sheet removal, optional automatic panorama and dual broadsheet plate rotation.</p> <p>Standard: 2 cassettes. Optional: 4 cassettes total</p>

Performance specifications

Throughput at 1200 dpi^{1,2}	S speed (Standard, Auto Unload, Autoloader, SCU, MCU)	80 plates per hour	39 plates per hour
	F speed (Autoloader, SCU, MCU)	110 plates per hour	63 plates per hour
	V speed (Autoloader, SCU, MCU)	150 plates per hour	71 plates per hour
	W speed (SCU, MCU) ³	150 plates per hour	75 plates per hour
	W speed (Autoloader) ³	240 plates per hour	120 plates per hour
Repeatability	± 10 microns between two consecutive exposures on the same plate left on the drum		
Accuracy	± 40 microns between two plates imaged by different TRENDSETTER Platesetters		
Workflow connectivity	Standard KODAK Print Console with TIFF Downloader Software included; connects to most third-party workflow systems.		

Imaging specifications

Resolution	<ul style="list-style-type: none"> • 1200 dpi standard • Optional: 1270 dpi • Optional: 2400 or 2540 dpi commercial option (not available with V-speed or W-speed) 		
Screening	<ul style="list-style-type: none"> • 200 lpi standard, or 450 lpi with commercial option • Optional: 36-micron KODAK STACCATO Screening, or with commercial option: 25-micron KODAK STACCATO Screening or 20-micron STACCATO Screening 		
Maximum plate size: around x along drum⁴	<ul style="list-style-type: none"> • Single wide (broadsheet): 700 x 450 mm • Double wide (panorama): 700 x 985 mm • 2L Option: 838 x 1,118 mm 		
Minimum plate size: around x along drum⁴	<p><i>Standard:</i></p> <p>Single wide: 267 x 215 mm</p> <p>Double wide: 267 x 451 mm</p>	<p><i>Auto Unload, SCU, MCU, Autoloader:</i></p> <p>Single wide: 330 x 270 mm⁵</p> <p>Double wide: 330 x 451 mm⁵</p> <p><i>Manual Load and Unload:</i> 305 x 215 mm</p>	
Maximum image area: around x along drum	700 x 985 mm (827.9 x 1,118 mm with 2L Option)		

Physical characteristics

Size (H x W x D) / Weight	<p><i>Standard:</i> 160 x 200 x 120 cm / 650 kg</p> <p><i>Auto Unload:</i> 170 x 200 x 127 cm / 762 kg</p> <p><i>Autoloader:</i> 184 x 200 x 127 cm / 796 kg</p> <p><i>SCU:</i> 186 x 233 x 231 cm / 1,158 kg</p> <p><i>MCU:</i> 191 x 233 x 254 cm / 1,837 kg</p> <p>For long unload table with plate rotation option: height becomes 210 cm, and 53 cm is added to the depth. Add 10 kg to weight.</p>
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1 Imaging speed and throughput is dependent on media sensitivity. All values are for media sensitivity of 75mJ/cm²

2 Productivity may be reduced by job queuing delays, raster file format, raster file manipulations, plate processor transport speed, plate exposure requirements, and plate placement in load bay.

3 Limitation in throughput is because of limitations in the speed of the Autoloader and SCU

4 Supported plate gauge is 0.20 to 0.30 mm. For more information, please consult your Kodak representative.

5 Minimum plate size around drum is 383 mm with the plate rotation option, and minimum plate size for manual bypass is 305 x 215 mm.

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

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