

Kodak

Trendsetter News

Platesetter



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 technology allows you to utilize daylight conditions in prepress. These are just a few of the reasons that newspapers in the majority of markets worldwide are choosing thermal technology.

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. With the **Trendsetter News** Platesetter, you can utilize **Kodak Staccato** Screening to print outstanding color and even expand into semi-commercial work for additional revenue opportunities.

Minimize labor and service costs

With the **Trendsetter News** Platesetter, you have the flexibility to choose the level of automation that's right for your business. Four available automation options—semi-automatic, auto unload, autoloader and single cassette unit—enable newspapers to minimize their capital investment and

reduce manual errors. Not only is the equipment robust and reliable, proven with more than 1,500 installations worldwide, the **Kodak Trendsetter News** Platesetter's design increases serviceability so maintenance is quick and easy for maximum uptime. If you require faster plate throughput (300 pph) and larger capacity online, including multi formats, we offer the **Kodak Generation News** Platesetter.

Increase your sustainability

Maximizing quality and productivity with the **Trendsetter News** Platesetter can also help you minimize environmental impact by reducing waste due to plate remakes or print quality issues.

Choosing **Kodak Sonora News** Process Free Plates will further reduce your environmental impact, by completely eliminating your plate processor and chemistry, and you can significantly reduce your total prepress equipment footprint.

- Reduce process variation with accurate, consistent plate making
- Save production time by eliminating process variations found in visible light systems
- Reach target color densities faster with consistent imaging
- Print semi-commercial applications with high-quality **SQUAREspot** Imaging Technology
- Small footprint, new features, and the latest hardware
- Affordable automation options maximize productivity and reduce labor costs

Kodak Trendsetter News Platesetter

General specifications	
Technology	830 nm thermal imaging platesetter, semi-automatic, external drum
Load/unload systems	<p><i>Standard:</i> Semi-automatic plate loading and unloading</p> <p><i>Auto Unload (optional):</i> Semi-automatic plate loading and automatic unloading to plate processor or stacker; automatic plate rotation</p> <p><i>Autoloader (optional):</i> Automated plate loading and unloading of up to 166 plates without slip sheets (0.3 mm); automatic plate rotation</p> <p><i>Single Cassette Unit (optional):</i> Automated plate loading and unloading of up to 240 plates (0.3 mm) with automated slip sheet removal, automatic plate rotation</p>
Performance specifications	
Throughput at 1200 dpi ^{1,2} for broadsheet (320 x 700 mm) / panorama plate sizes (890 x 790 mm)	<p><i>Standard, Auto Unload, Autoloader and SCU:</i> S speed = 80 / 42 plates per hour</p> <p><i>SCU/Autoloader:</i> F speed = 110 / 60 plates per hour V speed = 150 / 68 plates per hour</p>
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	TIFF downloader software connects to most third-party workflow systems. XPO TDL, TPD1 with XML connectivity to third party workflow systems included. Provides job and device status information.
Imaging specifications	
Resolution	<ul style="list-style-type: none"> • 1200 dpi standard • Optional: 1270 dpi, or 2400 or 2540 dpi commercial option (not available with V-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 drum x along drum ³	<ul style="list-style-type: none"> • Single wide (broadsheet): 700 x 450 mm • Double wide (panorama): 700 x 985 mm
Minimum plate size: around drum x along drum ³	<p><i>Standard:</i> Single wide: 267 x 215 mm Double wide: 267 x 451 mm</p> <p><i>Auto Unload, SCU, Autoloader:</i> Single wide: 383 x 270 mm Double wide: 383 x 451 mm</p> <p><i>Manual Load and Unload:</i> 305 x 215 mm</p>
Maximum image area: around drum x along drum	700 x 985 mm
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> 210 x 200 x 180 cm / 744 kg (Height is to top of unload table in raised position.)</p> <p><i>SCU/Autoloader:</i> 210 x 200 x 180 cm / 750 kg</p>

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

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** Technologies.

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