



**Discover the benefits  
of thermal imaging**  
for newspaper printers

**Kodak**

**Trendsetter News**

Platesetter

A newspaper production  
thermal platesetter

## Highlights:

- Reduce process variation with accurate, consistent platemaking
- 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

## New design for new challenges

Kodak has redesigned the popular **Kodak Trendsetter News** Platesetter to meet the new challenges of today's business environment. Based on the same trusted technology that printers have depended on for over 12 years, the redesigned **Trendsetter News** Platesetter has a smaller footprint, new features, and the latest hardware components. To succeed in today's changing market, you need products and technologies that can adapt, and Kodak has invested in the **Trendsetter News** Platesetter to help you excel, now and in the future.

## 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 the 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 moving toward thermal technology.

## New 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.



Kodak Trendsetter News Platesetter, V-AL

## 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. The autoloader enables you to minimize labor and plate handling costs through automatic loading and unloading of multiple plates. The manual **Trendsetter News** Platesetter enables newspapers to minimize capital investment, and a new auto unload model provides automatic unloading to a plate processor or stacker. Not only is the equipment robust and reliable, proven with more than 1300 installations worldwide, the new design increases serviceability so maintenance is quick and easy for maximum uptime.

## Increase your sustainability

Maximizing quality and productivity with the **Trendsetter News** Platesetter can also help you minimize environmental impact. The newly redesigned platesetter has an approximately 20%

smaller footprint than the previous version, reducing shipping waste and costs, as well as space requirements. Choosing **Kodak PF-N Non Process Plates** will further reduce your environmental impact, by completely eliminating your plate processor and chemistry.

## Open connectivity to workflows

**Trendsetter News** Platesetters are designed to fit easily into your prepress environment, and further automation is available with Kodak's end-to-end PDF workflow. **Kodak Prinergy Evo** TIFF Downloader Software accepts the standard TIFF files produced by most workflow systems. It allows you to shift, crop, rotate, and mirror the data, and displays job and queue status. **Kodak NewsManager** Workflow System is an integrated, modular and scaleable system for all newspaper production environments. It is also available as a third party interface, enabling connection to most common workflow systems.



Kodak Trendsetter News Platesetter, S



Kodak Trendsetter News Platesetter, S-AU



# Kodak Trendsetter News Platesetter specifications

	S-AL, F-AL, V-AL	S-AU	S		
<b>General specifications</b>					
Technology	830 nm laser thermal imaging, external drum				
<b>Performance specifications</b>					
Throughput @ plate width: <sup>1</sup>	S-AL	F-AL	V-AL		
320 mm (12.5 in.) with commercial option	80 pph 80 pph	110 pph 100 pph	150 pph N/A	80 pph 80 pph	80 pph 80 pph
890 mm (35 in.) with commercial option	42 pph 42 pph	60 pph 42 pph	68 pph N/A	42 pph 42 pph	42 pph 42 pph
Repeatability	+/- 10 microns (0.4 mil) between two plates imaged by the same <b>Trendsetter News</b> Platesetter (at the largest plate size)				
Accuracy	+/- 40 microns (1.6 mil) between two plates imaged by different <b>Trendsetter News</b> Platesetters (at the largest plate size)				
Workflow connectivity	Optimal connection via <b>Kodak NewsManager</b> and <b>Prinerger Evo</b> Workflow <b>Prinerger Evo</b> TIFF Downloader Software connects to most third-party workflow systems.				
<b>Imaging specifications</b>					
Resolution	1200 or 1270 dpi With commercial option (not available for V-AL): 2400 or 1200 dpi; or 2540 or 1270 dpi				
Screening	200 lpi, 25-micron <b>Staccato</b> Screening With commercial option (not available for V-AL): 450 lpi, 20-micron <b>Staccato</b> Screening				
<b>Media specifications</b>					
Media type	Thermal IR-sensitive aluminum plates, 830 nm Recommended: <b>Kodak ThermalNews Gold</b> Digital Plates, <b>Kodak</b> PF-N Non Process Plates, or <b>Kodak</b> NS Digital Newspaper Plates				
Maximum plate size: around drum x along drum	Single wide (broadsheet): 700 x 450 mm (27.56 x 17.7 in.) Full option: 838 x 450 mm (33.0 x 17.7 in.) Double wide (panorama): 700 x 985 mm (27.56 x 38.8 in.) Wide option: 700 x 1118 mm (27.56 x 44.0 in.) Full option: 838 x 1118 mm (33.0 x 44.0 in.)				
Minimum plate size: around drum x along drum	Single wide: 398 x 270 mm (15.7 x 10.6 in.) Double wide: 398 x 451 mm (15.7 x 17.75 in.) Manual bypass: 305 x 215 mm (12 x 8.5 in.)			Single wide: 267 x 215 mm (10.5 x 8.5 in.) Double wide: 267 x 451 mm (10.5 x 17.75 in.)	
Plate thickness	0.2 to 0.3 mm (0.008 to 0.012 in.)				
<b>Loading/unloading</b>					
Autoloader capacity	Single wide Standard	Double wide Standard    Wide/Full			
0.2 mm (0.008 in.) plates	250	125	80	N/A	N/A
0.25 mm (0.010 in.) plates	200	100	60		
0.3 mm (0.012 in.) plates	166	83	40		
Unload table	A plate rotator on the unload table allows the plate to rotate 90 degrees to present the shortest edge to the processor—for plates 510 mm or larger (along the drum)				N/A
<b>Physical characteristics</b>					
Size (H x W x D)	210 x 200 x 180 cm (83 x 79 x 71 in.)		210 x 200 x 180 cm (83 x 79 x 71 in.) (height is to top of unload table in raised position)		160 x 200 x 120 cm (63 x 79 x 48 in.)
Weight	750 kg (1653 lbs.)		744 kg (1640 lbs.)		650 kg (1433 lbs.)

<sup>1</sup> 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.

## To learn more about solutions from Kodak:

Visit [graphics.kodak.com](http://graphics.kodak.com)

Produced using **Kodak** Technologies.

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

For more detailed specifications, refer to product specification sheet.



It's time for you **AND** Kodak