

# Kodak

## Trendsetter 800

Platesetter



### **New design for new challenges**

Kodak has redesigned the popular **Kodak Trendsetter 800** 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 new **Trendsetter** Platesetter a smaller footprint, a more powerful thermal imaging head to increase productivity with **Kodak Thermal Direct** Non Process Plates, and the latest hardware components, as well as improved serviceability. To succeed in today's changing market, you need products and technologies that can adapt, and Kodak has invested in the **Trendsetter** Platesetter to help you excel, now and in the future.

### **Reliable, flexible plate making**

In order to maximize the profitability of your business, you need to have a CTP system that will make quality plates day in and day out. Downtime, plate remakes, and poor imaging quality will quickly wipe out any cost benefits from low-cost platesetters or consumables. The **Trendsetter 800** Platesetter not only gives you the stability and reliability you need to optimize your prepress operation, you can choose from several automation and speed options, so your investment can match your unique business needs.

### **Accurate and stable imaging**

**Kodak SQUAREspot** Imaging Technology, standard in every **Trendsetter 800** Platesetter, delivers dependable accuracy regardless of plate emulsion sensitivity, processor variation, and laser power. Thermal compensation technology enables accurate and consistent imaging from plate to plate and machine to machine. This stability not only enables you to reduce costs through fewer remakes and less time adjusting for variables, it allows you to differentiate and grow your business through high-resolution printing. The **Kodak Trendsetter 800 Quantum** Platesetter, combined with 10-micron **Kodak Staccato** Screening and **Kodak Digital Plates**, delivers stunning photorealistic results that you have to see to believe.

### **Increase your sustainability**

With the **Trendsetter 800** Platesetter, maximizing quality and productivity can also help you minimize environmental impact. This newly redesigned platesetter has an approximately 20% smaller footprint than the previous model, reducing shipping waste and costs, as well as space requirements. Choosing **Kodak Thermal Direct** Non Process Plates will further reduce your environmental impact, by completely eliminating your plate processor and chemistry.

# Kodak Trendsetter 800 Platesetter

General specifications			
Technology	830 nm thermal imaging platesetter, semi-automatic, external drum		
Load/unload systems	Standard: Semi-automatic plate loading and unloading Auto Unload: Semi-automatic plate loading and automatic unloading to plate processor or stacker; automatic plate rotation Autoloader: Automated plate loading and unloading of up to 40 plates without slip sheets (0.3 mm)		
Performance specifications			
Throughput at 2400 dpi <sup>1,2</sup> for plate size 1030 x 838 mm (40.5 x 33 in)	<b>Standard and Auto Unload:</b> S speed = 15 plates per hour F speed = 22 plates per hour V speed = 30 plates per hour X speed = 34 plates per hour	<b>Autoloader:</b> S speed = 16 plates per hour F speed = 24 plates per hour V speed = 34 plates per hour X speed = 42 plates per hour	
Repeatability <sup>3</sup>	± 5 microns (± 0.2 mil) between two consecutive exposures on the same plate left on the drum		
Accuracy <sup>3</sup>	± 20 microns (± 0.8 mil) between two plates imaged by different <b>Trendsetter</b> Platesetters		
Registration <sup>3</sup>	± 25 microns (± 1.0 mil) between image and plate edge		
Workflow connectivity	<b>Kodak Prinergy Evo</b> Workflow, <b>Kodak Prinergy</b> Workflow, and connection to third-party workflow systems		
Imaging specifications			
Resolution	2400 dpi (94.4 dpmm) or 1200 dpi (47.2 dpmm)		
Screening	<b>Trendsetter 800 Platesetter:</b> • 250 lpi max line screen • 25-micron <b>Kodak Staccato</b> Screening	<b>Trendsetter 800 Quantum Platesetter:</b> • 450 lpi max line screen • 20-micron <b>Kodak Staccato</b> Screening • Optional: 10-micron <b>Kodak Staccato</b> Screening	
Maximum plate size: around drum x along drum <sup>4</sup>	<b>Standard:</b> 838 x 1,143 mm (33 x 45 in)	<b>Auto Unload:</b> 838 x 1,118 mm (33 x 44 in)	<b>Autoloader:</b> 838 x 1,118 mm (33 x 44 in)
Minimum plate size: around drum x along drum <sup>4</sup>	267 x 215 mm (10.5 x 8.5 in)	383 x 270 mm (15.1 x 10.6 in) Manual unload: 267 x 215 mm (10.5 x 8.5 in)	383 x 270 mm (15.1 x 10.6 in) Manual load and unload: 305 x 215 mm (12 x 8.5 in)
Maximum image area: around drum x along drum	827.9 x 1,143 mm (32.6 x 45 in)	827.9 x 1,118 mm (32.6 x 44 in)	827.9 x 1,118 mm (32.6 x 44 in)
Physical characteristics			
Size (H x W x D)	<b>Standard:</b> 160 x 200 x 120 cm (63 x 79 x 48 in)	<b>Auto Unload:</b> 210 x 200 x 180 cm (83 x 79 x 71 in) Height is to top of unload table in raised position.	<b>Autoloader:</b> 210 x 200 x 180 cm (83 x 79 x 71 in)
Weight	650 kg (1,433 lbs)	744 kg (1,640 lbs)	750 kg (1,653 lbs)

1 Imaging speed and throughput is dependent on media sensitivity. All values are for media sensitivity of 120mJ/cm<sup>2</sup>

2 Tested with Kodak Workflow Solutions. For additional information about the test conditions, please consult your Kodak representative.

3 For devices that are not **Quantum** models, these specifications pertain to performance at largest plate size, over constant temperature. For **Quantum** devices, specifications pertain to performance at largest plate size, over full temperature range.

4 Standard plate gauge is 0.14 to 0.3 mm (0.0055 to 0.012 in). Option available for plate gauge of 0.14 to 0.4 mm (0.0055 to 0.016 in) For plate gauges 0.14 to 0.2 mm (0.0055 to 0.08 in) there may be some differences in min and max. plate sizes. 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](http://graphics.kodak.com)

Produced using **Kodak** Technology.

Eastman Kodak Company  
343 State Street  
Rochester, NY 14650 USA

©Kodak, 2011. Kodak, Prinergy, Prinergy Evo, Quantum, Staccato, SQUARESPOT, Thermal Direct and Trendsetter are trademarks of Kodak.

Subject to technical change without notice.

W.PS.307.0211.en.07



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