

Kodak

Trendsetter 1600

Platesetter



A new choice for VLF plate making

Built with the same award-winning thermal imaging technology and advanced engineering that have made **Kodak Trendsetter** Platesetters popular worldwide for over 15 years, the new, efficient **Kodak Trendsetter 1600** Platesetter offers outstanding quality and reliability for large-format plate making. Designed with affordability in mind, the **Trendsetter 1600** Platesetter enables offset packaging and commercial printers to compete with both high-quality print and low-cost operations. This new VLF plate making device is a result of Kodak's continued efforts to provide new solutions to benefit our customers and demonstrates Kodak's commitment to CTP innovation.

Affordable reliability

The affordable capital cost of the **Trendsetter 1600** Platesetter enables a quick return on investment. With semi-automatic plate loading and unloading and throughput of up to 15 plates per hour, the **Trendsetter 1600** Platesetter enables you to get to press quickly and efficiently. In addition, the reliability and stability of a **Kodak** Platesetter can help you improve your uptime and reduce plate remakes.

Accurate and stable imaging

Kodak SQUAREspot Imaging Technology, standard in every **Trendsetter 1600** 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 1600** Platesetter, combined with optional 20-micron **Kodak Staccato** Screening and **Kodak Digital Plates**, delivers stunning photorealistic results that you have to see to believe.

Complete solution from Kodak

Kodak is the one vendor that can offer you a complete and truly unified solution, including CTP device, plates, plateline equipment, and workflow. With over 16,000 thermal CTP installations, plate manufacturing locations throughout the world, and a highly skilled and responsive support network, Kodak is an ideal partner for your VLF plate making needs.

Kodak Trendsetter 1600 Platesetter

General specifications

Technology	830 nm thermal imaging platesetter, semi-automatic, external drum
Load/unload systems	Semi-automatic plate loading and unloading

Performance specifications

Throughput at 2400 dpi ^{1,2} for plate size 1,630 x 1,270 mm (64.2 x 50 in)	F speed = 8 plates per hour V speed = 15 plates per hour
Repeatability ³	16 microns (0.6 mil) between two consecutive exposures on the same plate left on the drum
Accuracy ³	60 microns (2.4 mil) between two plates imaged by different Trendsetter Platesetters
Registration ³	25 microns (1.0 mil) between image and plate edge
Workflow connectivity	Kodak Prinergy Evo Workflow, Kodak Prinergy Workflow, and connection to third-party workflow systems

Imaging specifications

Resolution	2400 dpi (94.4 dpmm)
Screening	• 450 lpi max line screen • Optional: 20- or 25-micron Kodak Staccato Screening
Maximum plate size: around drum x along drum ⁴	1,325 x 1,630 mm (52.2 x 64.2 in)
Minimum plate size: around drum x along drum ⁴	394 x 394 mm (15.5 x 15.5 in)
Maximum image area: around drum x along drum	1,314.9 x 1,630 mm (51.8 x 64.2 in)

Physical characteristics

Size (H x W x D)	120 x 254 x 181 cm (47.2 x 100 x 71.3 in)
Weight	1,500 kg (3,307 lbs)

1 Imaging speed and throughput is dependent on media sensitivity. All values are for media sensitivity of 130mJ/cm²

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

3 Specifications pertain to performance at largest plate size, over full temperature range.

4 Standard plate gauge is 0.2 to 0.4 mm (0.008 to 0.016 in).

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** Technology.

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