

Kodak

Achieve 800 Platesetter



Exceptional quality and value

The **Kodak Achieve 800** Platesetter delivers the stability and reliability of Kodak's thermal CTP technology at exceptional value, enabling you to provide print quality that differentiates you from your competition. Based on the successful **Kodak Trendsetter** Platesetter platform and Kodak's new TH5 thermal imaging technology, the **Achieve** Platesetter brings high quality imaging and Kodak's award-winning, pioneering technology to the masses.

This robust external drum thermal CTP device has been specifically designed for the demanding needs of general commercial and publication printers. With a small footprint that minimises space requirements, the **Achieve** Platesetter meets international ergonomic standards for easy access and minimal physical effort, and offers reliable plate making of 16 or 22 8-page plates per hour. Several automation options meet your business needs and help drive maximum productivity and reduced labour costs.

The **Kodak Achieve** Platesetter is optimised for **Kodak Media**^{*} and open for other vendors' qualified plates.

Driving profitability with reliable, flexible plate making

In order to improve the profitability of your business, you need to have a CTP system that will make quality plates day in and day out. Outstanding reliability helps minimise service costs and maximise press uptime.

Downtime, plate remakes, and poor imaging quality will quickly wipe out any cost benefits from low-cost platesetters or consumables. With Kodak's consistent thermal imaging technology, the **Achieve** Platesetter gives you the stability and reliability you need to optimise your prepress and pressroom operations.

Superior imaging technology

Achieve Platesetters feature Kodak's new TH5 thermal head, which delivers higher quality than the Gaussian technology used in other vendors' CTP devices. The TH5 head images a more precise, accurate dot, leading to higher tonal stability and exposure uniformity. The TH5 thermal head also delivers outstanding robustness, with no moving parts, and is simple to service and maintain.

Minimising environmental impact

The **Achieve** Platesetter can help you maximise quality and productivity while minimising environmental impact. With power savings of up to 40% while imaging^{**}, the system is designed for energy conservation, so now you have a system that is cost-efficient and robust.

The **Kodak Achieve** Platesetter also supports **Kodak Sonora XP** Process Free Plates, so you can completely eliminate your processor and chemistry—including related maintenance costs and labour—without compromising quality or productivity.

To succeed in today's changing market, you need products and technologies that can help you control costs while boosting quality. The **Kodak Achieve** Platesetter can help you excel, now and in the future

^{*} **Kodak** Plates available for the **Achieve** Platesetter include: **Electra XD** Thermal Plates and **Sonora XP** Process Free Plates. Other vendors' plates subject to qualification.

^{**} Compared to the **Kodak Trendsetter 800** Platesetter

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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)		
Media support	Kodak Electra XD Thermal Plates, Kodak Sonora XP Process Free Plates		

Performance specifications

Throughput at 2400 dpi ^{1,2} for plate size 1030 x 838 mm (40.5 x 33 in)	Standard and Auto Unload: S speed = 16 plates per hour F speed = 22 plates per hour	Autoloader: S speed = 16 plates per hour F speed = 22 plates per hour	
Accuracy	± 20 microns (± 0.8 mil) between two plates imaged by different Achieve Platesetters		
Registration	± 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. Standard included XPO TIFF Downloader Software connects to most third-party workflow systems.		

Imaging specifications

Resolution	2400 dpi (94.4 dpmm) or 1200 dpi (47.2 dpmm)		
Screening	<ul style="list-style-type: none"> • 200 lpi max line screen • Optional 36-micron Kodak Staccato Screening 		
Maximum plate size: around drum x along drum ³	Standard: 838 x 1,143 mm	Auto Unload: 838 x 1,118 mm	Autoloader: 838 x 1,118 mm
Minimum plate size: around drum x along drum ³	267 x 215 mm	383 x 270 mm Manual unload: 267 x 215 mm	383 x 270 mm Manual load and unload: 305 x 215 mm
Maximum image area: around drum x along drum	827.9 x 1,143 mm	827.9 x 1,118 mm	827.9 x 1,118 mm

Physical characteristics

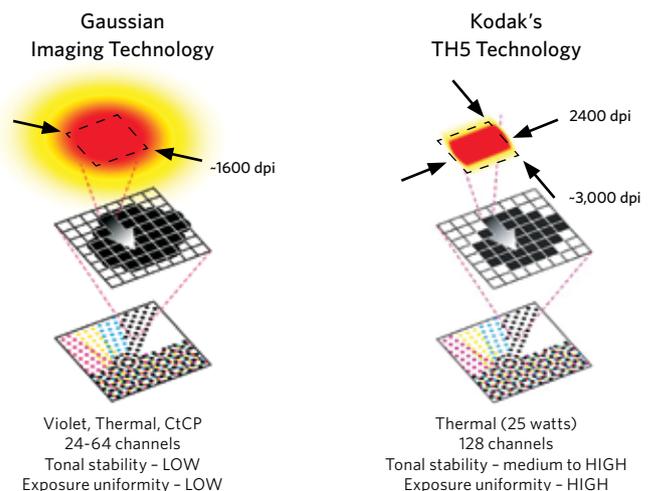
Size (H x W x D)	Standard: 160 x 200 x 120 cm	Auto Unload: 210 x 200 x 180 cm Height is to top of unload table in raised position.	Autoloader: 210 x 200 x 180 cm
Weight	650 kg	744 kg	750 kg

1 Imaging speed and throughput is dependent on media sensitivity. All values are for media sensitivity of 120mJ/cm²

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

3 Standard plate gauge is 0.15 to 0.3 mm.

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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