Kodak

Magnus 400 II
Magnus 400 II Quantum
Trendsetter 400 III Quantum
Platesetters

Productivity, speed, and flexibility in CTP imaging

The complete **Kodak** 4-page CTP device family includes the improved **Kodak Magnus** 400 II and **Magnus** 400 II **Quantum** Platesetters and the **Kodak Trendsetter** 400 III **Quantum** Platesetter.

Our versatile 4-page CTP platesetters offer printing operations of any size:

- High throughput and productivity
- Exceptional image quality
- Cost-effectiveness
- Easy growth path to more speed and automation
- Cost savings and sustainability benefits with **Kodak Thermal Direct** Non Process Plates

Continuous design refinements help ensure that **Kodak** platesetters offer state-of-the-art performance and productivity.

Every **Kodak** 4-page platesetter is a solid business investment that combines superb quality and reliability with the flexibility to output thermal plates from Kodak, including non process plates.

The devices are designed for close integration with **Kodak** workflow systems and are also compatible with other leading third-party workflow systems.

Cut costs by going non process

You can eliminate your plate processing costs by using non process plates with **Kodak** 4-page platesetters. **Thermal Direct** Non Process Plates require no processor or processing chemistry, reducing your capital investment and ongoing operating costs, as well as saving valuable floor space. Because you are not using chemistry or water for a processor, you are also reducing environmental impact.

Magnus 400 II Platesetter

The **Kodak Magnus** 400 II Platesetter delivers higher productivity and excellent image quality with support for 25-micron **Kodak Staccato** Screening Technology. This high-performance device, when combined with a **Kodak** workflow system, offers commercial printers a superior combination that can speed production while lowering costs.

Favorable cost of ownership

The **Magnus** 400 II Platesetter delivers high-speed imaging, scaleability, and versatile plate sizing.

- Exceptional throughput: up to 22 plates per hour
- High-quality imaging
- For greater automation: easy field upgrades to single-cassette unit (SCU) or multi-cassette unit (MCU)

Kodak Magnus 400 II Platesetter, semiautomatic base engine

- True 6-page drum size: increased business opportunities due to wide range of plate sizes
- Using **Thermal Direct** Plates saves money and space

Automation options for flexibility and productivity

Improve your profitability with end-to-end automation. Enhanced engineering and software deliver higher performance and increase productivity.

The modular design enables three levels of increasing automation for the exact solution you need:

1. Base engine: semiautomatic with ContinuousLoad system. Increases throughput and uptime with automatic drum loading and unloading; as one plate is imaged, another is placed on standby.

2. Single-cassette unit (SCU) Holds up to 60 plates with slip sheets, includes automatic slip sheet removal.

3. Multi-cassette unit (MCU) Holds up to 60 plates with slip sheets in 3 trays for a total of 180 plates, includes automatic slip sheet removal.

In-line standard and customized punch option is available in both the SCU and MCU and a new bypass feature allows for quick and easy plate remake. A new punch conveyor option is available for the base engine model, allowing for easy automated punch directly following imaging.

Magnus 400 II **Quantum** Platesetter

The **Kodak Magnus** 400 II **Quantum** Platesetter is our top-of-the-line offering in 4-page CTP. It includes all the features and automation benefits of the **Magnus** 400 II Platesetter, with an exceptional performance of 38 plates per hour.

Top imaging quality

Kodak **SQUARESPOT** Imaging Technology, standard on every **Magnus** 400 II **Quantum** Platesetter, delivers process control in plate imaging despite normal variations in imaging caused by exposure power, and processing chemistry. It provides the plate imaging integrity that enables stable halftone screening as well as 20-micron and optional 10-micron **Kodak** Staccato Screening.

Trendsetter 400 III **Quantum** Platesetter

The **Kodak Trendsetter** 400 III **Quantum** Platesetter is known for its stability, and it is easily upgradeable to the 8-page model. This device delivers 43 plates per hour, or up to 50 plates per hour when combined with automation, placing it among the fastest 4-page CTP devices in the industry. It also supports the widest range of plate sizes: 2-page (for label printers), 4-page, and 6-page.

High throughput for exceptional productivity

With the automation options offered by the **Trendsetter** 400 III **Quantum** Platesetter, you can reach a throughput of up to an impressive 50 plates per hour:

- ContinuousLoad option : while one plate is being imaged another is ready on standby
- Autoloader: holds up to 40 plates without slip sheets

Proven devices with low cost of ownership

The **Trendsetter** 400 III **Quantum** Platesetter delivers high reliability, speed, and productivity. Versatile and easy to maintain, the device offers an affordable, scaleable configuration that is easily upgradeable for automation and plate-size options.

In addition to standard thermal plates, you can output processless plates including **Kodak Thermal Direct** Non Process Plates.

Top imaging quality

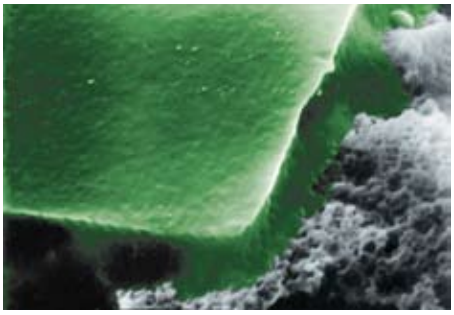
With the **Trendsetter** 400 III **Quantum** Platesetter, you'll realize the extraordinary benefits of **Kodak SQUARESPOT** Imaging Technology, process control and 20-micron and optional 10-micron **Staccato** Screening.

Kodak Trendsetter 400 III **Quantum** Platesetter, semiautomatic base engine

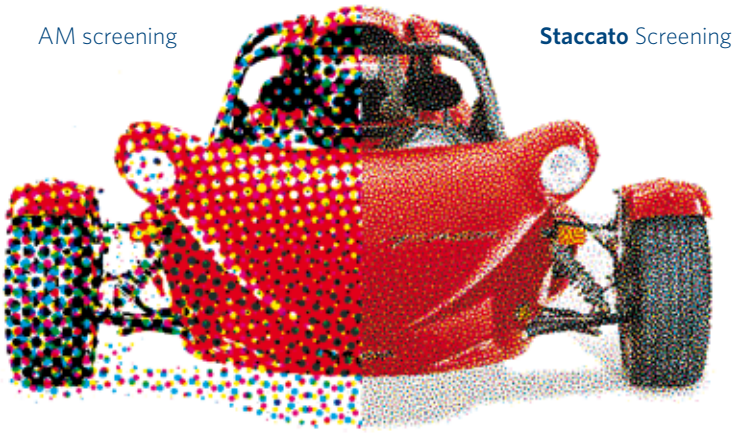
SQUARESPOT Imaging Technology: accuracy, consistency, and reliability

Achieving a reliable, cost-efficient, and consistent print manufacturing process, requires a plate imaging system that is accurate, consistent, and reliable. Any deficiencies will reveal themselves in increased pressroom costs through wastage in both time and materials.

Kodak SQUARESPOT Imaging delivers an image on plate six times more resistant to process variation than competing technologies. This stability is achieved by the unique, award-winning, **Kodak SQUARESPOT** Imaging Technology which uses a 10,000 dpi, laser imaging system. Combined with intelligent Dynamic Auto Focus, **SQUARESPOT** Technology reduces print manufacturing costs by providing exceptional dot accuracy and consistency, despite normal variations in plate thickness, emulsion sensitivity, processor chemistry, or laser power.



The crisp edge definition of the halftone dot produced with **SQUARESPOT** Imaging Technology is the key to consistent tone reproduction and high-quality results.



Staccato Screening Technology

Staccato Screening produces high-fidelity images that exhibit fine detail creating a photographic experience in print that is free of visible printing artifacts. An advanced, second-order, FM screening technology it eliminates screening moiré, subject moiré, rosette patterns, shade stepping, and abrupt tone jumps and is an excellent complement to ink jet proofing.

Staccato Screening delivers the best of conventional AM halftone screens while overcoming the problems with graininess in flat tint areas commonly associated with early stochastic/FM screens. It is optimized for printability and is particularly effective for simulating spot colors with process screen builds.

Staccato Screening also provides you with a clear competitive edge and differentiator that print buyers can easily understand by simply putting a loupe to your presswork.

Renowned worldwide service and support from Kodak

Kodak Service and Support offers a network of global response centers, an easy-to-use Internet support portal, and over 3000 geographically dispersed, factory-trained professionals.

Kodak Service Wire Remote Support technology allows our response center to directly interact with your **Kodak** CTP device, saving you time and helping ensure maximum uptime.

With our flexible service programs, you can optimize your operations by taking advantage of our fast response times, preventive maintenance services, extensive parts inventory, and comprehensive global coverage.

To learn more about solutions from Kodak:
Visit graphics.kodak.com

Printed using **Kodak** technologies.

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E.PS.318.0108.en.01

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