



**Kodak**

8-page Platesetters

# Advanced, high-productivity CTP imaging

**K**odak's family of 8-page CTP devices includes the advanced

**Magnus 800 Quantum** Platesetter and **Magnus 800** Platesetter and the popular **Trendsetter 800 III Quantum** and **Trendsetter 800 III** Platesetters.

Our versatile 8-page CTP platesetters offer printing operations of any size:

- Outstanding image quality
- Maximum efficiency
- Advanced automation
- Ease of use

Continuous design refinements help ensure that Kodak 8-page platesetters offer state-of-the-art performance and productivity.

Every **Kodak** 8-page platesetter is a solid business investment that combines superb quality and reliability with the flexibility to output conventional thermal and processless plates by Kodak and other leading manufacturers.

Designed for close integration with **Kodak** Workflow Systems, the devices are also compatible with most other leading third-party workflow systems.



**Kodak Magnus 800** Platesetter, autoloader with single-cassette unit

## High quality imaging

With both the **Magnus 800 Quantum** and **Trendsetter 800 III Quantum** Platesetters, you'll realize the extraordinary benefits of **Kodak SQUAREspot** Imaging Technology:

- Top imaging quality and process control
- 20-micron and optional 10-micron **Kodak Staccato** Screening to create photorealistic printing
- Automatic compensation for temperature-related plate expansion and contraction: consistent imaging from plate to plate and machine to machine
- Dynamic autofocus mechanism provides robustness to process variation on the plate and solves the problem of hot spots.

## Reduce plate-processing costs

In addition to standard thermal plates, both the **Magnus 800** and **Trendsetter 800** Platesetters output processless plates, including **Kodak Thermal Direct** Non Process Plates. These plates reduce costs by decreasing chemical use, labor time, floor space requirements, and also help minimize environmental impact.

## Magnus 800 Quantum Platesetter

### Favorable cost of ownership

The **Magnus 800 Quantum** Platesetter offers high speeds, scalability, various plate options, and:

- Exceptional throughput: up to 40 plates per hour

- Modular design: Easy field upgrades to faster imaging or greater automation
- Output of processless plates (in addition to standard thermal)

## Advanced automation for flexibility and productivity

Improve your profitability with end-to-end automation, reaching up to 40 plates per hour. Enhanced engineering and software deliver higher performance and reduced downtime.

Three levels of increasing automation deliver the solution you need:

1. Semiautomatic base engine with in-line punch
2. Autoloader with a single-cassette unit (SCU)
3. Autoloader with a multi-cassette unit (MCU)

The autoloader provides automatic slip-sheet removal to an external bin, enabling paper reuse.

## Magnus 800Z Quantum Platesetter

The **Kodak Magnus 800Z Quantum** Platesetter is the newest addition to Kodak's 8-page CTP family, reaching an incredible 60 plates per hour at the highest image quality available by Kodak CTP. A new advanced thermal head generates double the laser power of the **Magnus 800 Quantum** Platesetter, and provides broader imaging latitude and higher stability making it reliable and highly cost effective. Combined with full automation, the **Magnus 800Z Quantum** Platesetter is the most powerful and productive 8-page device Kodak offers.

## Trendsetter 800 III Quantum Platesetter

The **Kodak Trendsetter 800 III Quantum** Platesetter is our robust and proven 8-page CTP offering.

### Proven devices with low cost of ownership

The **Trendsetter 800 III Quantum** Platesetter, with its worldwide install base and years of proven operation in the field, delivers high reliability, speed, and productivity. Versatile and easy to maintain, the device offers an affordable, scalable configuration that is easily upgradeable for more speed and automation.

In addition to standard thermal plates, you can output processless plates.

### Exceptional throughput and productivity

With the automation options offered by the **Trendsetter 800 III Quantum** Platesetter, you can reach a throughput of up to 42 plates per hour:

- The ContinuousLoad option increases your throughput and greatly reduces downtime with automatic drum loading and unloading: as one plate is imaged, another is placed on standby.
- Add greater automation with the optional autoloader, to produce up to 42 plates per hour.

## Magnus 800 Platesetter and Trendsetter 800 III Platesetter

The **Kodak Magnus 800** Platesetter and **Kodak Trendsetter 800 III** Platesetters differ from their respective **Quantum** Platesetter models solely in that **squarespot** Imaging Technology is not included. The devices deliver excellent image quality, support 25-micron **Staccato** Screening, and can be upgraded to the **Quantum** Platesetter model in the future.



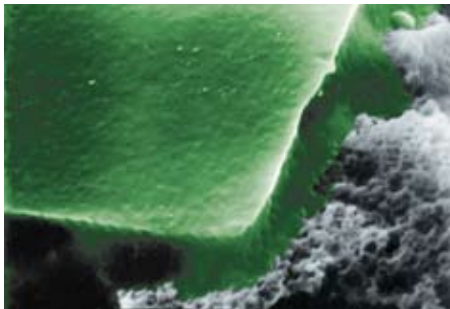
**Kodak Trendsetter 800 III** Platesetter

## 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 waste in both time and materials.

### Kodak SQUAREspot Imaging

Technology delivers an image on plate six times more resistant to process variation than competing technologies. This stability is achieved by the unique, award-winning, **SQUAREspot** Technology which uses a 10,000 dpi, laser imaging system. Combined with intelligent Dynamic Auto Focus, **SQUAREspot** Technology helps reduce 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 half-tone dot produced with **Kodak SQUAREspot** Imaging Technology is the key to consistent tone reproduction and high-quality results.

AM screening



Kodak Staccato Screening

## So reliable, you probably won't even think about it

In the unlikely event of laser failure, the redundancy engineered into every **Kodak SQUAREspot** Thermal Imaging Head means that you probably won't even know about it. If one, two, or even three laser emitters fail, power to the other emitters is automatically increased to compensate, helping to ensure continued operation with no effect on platesetter resolution or throughput.

## Kodak 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 inkjet 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 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](http://graphics.kodak.com)

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