

Kodak Magnus 400 II Platesetter



Fast, flexible platesetting, with **Kodak** quality

Kodak Magnus 400 II Platesetters offer productivity, quality, and ease of use for printing operations of all sizes. From the base model to the fully-automated, high-speed **Kodak Magnus 400 II Quantum** Platesetter, every device delivers precise imaging and industry-renowned performance. Its small footprint saves valuable floor space, and its larger drum size gives you the flexibility to image an extensive range of 2- to 6-page plates.

Automated productivity and cost saving modularity

The **Magnus** 400 II Platesetter offers advanced features and modular options that increase efficiency in every aspect of platemaking. The semiautomatic version's ContinuousLoad operation provides nonstop platemaking and a new punch option helps make plates ready for press. It is easily

upgradeable to full automation with MCU for unattended operation, and a bypass feature allows for quick plate remake. Plate loading, slip sheet removal, and the inline punch are completely automated.

High-speed, cost-effective **Magnus 400 II** Platesetters

Choose from several **Magnus 400 II** Platesetter models, with throughput speeds up to 22 plates per hour, and high quality imaging that supports up to 250 lpi and 25-micron **Kodak Staccato** Screening.

Exceptional throughput and imaging with **Magnus 400 II** **Quantum** Platesetter

The top-of-the-line **Kodak Magnus 400 II Quantum** Platesetter images an impressive 38 plates per hour, and features **Kodak square spot** Imaging Technology for greater process stability and photo-realistic printing with 10- or 20-micron **Kodak Staccato** Screening. With

full automation, it is a powerful, productive device with superior image quality.

Cost-saving, environmentally-friendly non process plates

Magnus 400 II Platesetters support **Kodak Thermal Direct** Non Process Plates and other processless plates.

Seamless integration with **Kodak** Workflow Solutions

Magnus 400 II Platesetters are tightly integrated with **Kodak** Workflow Solutions, enabling a complete automated prepress solution. Third-party workflow systems are easily integrated.

When combined with **Kodak** plates and **Kodak** workflow systems the **Magnus 400 II** Platesetter is the ideal prepress solution for commercial printers.

Kodak Magnus 400 II/ Magnus 400 II Quantum Platesetter specifications

	Magnus 400 II Platesetter	Magnus 400 II Quantum Platesetter
General specifications		
Technology	830 nm thermal imaging platesetter, fully or semiautomatic, external drum	
Load/unload systems	<ul style="list-style-type: none"> • ContinuousLoad: Semiautomated; as one plate is imaged, another is placed on standby for automatic loading as soon as the drum unloads. • Single-cassette unit option: Fully automated; unit holds up to 60 plates with slip sheets (plates of same size and thickness). Functions are identical to multi-cassette unit. • Multi-cassette unit option: Fully automated; unit holds up to 180 plates in 3 cassettes, each cassette containing at least 60 plates of the same size and thickness. The required cassette is automatically selected according to the job definition. The MCU automatically loads and unloads plates and removes slip sheets. Slip sheets can be removed from the storage bin while the platesetter is running. 	
Punch option	Can be configured with up to 6 punches for single, double, and triple holes, ensuring precise image-to-punch and plate-to-plate registration. More than 300 punch heads are available. ContinuousLoad configuration: Optional Punch conveyor available with up to 6 punches. ¹ SCU/MCU configuration: Inline punch option	
Performance specifications		
Throughput at 2400 dpi ^{2,3} for plate size 724 x 680 mm (28.5 x 26.8 in.)	S speed: 17 plates per hr F speed: 22 plates per hr	V speed: 38 plates per hr
Repeatability	± 5 microns (over 2 consecutive exposures on the same plate)	
Accuracy ⁴	± 20 microns (at a resolution of 100 dpmm/2540 dpi)	
Workflow connectivity	Kodak Prinergy Evo Workflow System Kodak Prinergy Workflow System Connection to third-party workflow systems (via 1-bit TIFF workflow)	
Imaging specifications		
Resolution	Continuous variable 80 to 120 dpmm/2032 to 3048 dpi	47.2 and 94.4 dpmm (1200 and 2400 dpi) or 50 and 100 dpmm (1270 and 2540 dpi)
Screening	250 lpi max linescreen Optional: 25-micron Staccato Screening	450 lpi max linescreen 20-micron Staccato Screening Optional: 10-micron Staccato Screening
Media size: around drum	685 mm/26.96 in. max, 300 mm/12 in. min	
Media size: along drum	762 mm/30 in. max, 228 mm/9.0 in. min	
Maximum image area	Around drum: 669 mm (26.33 in.) x along drum: 762 mm (30 in.)	
Size (H x W x D)	183.5 cm x 185 cm x 322.5 cm	
Weight	1700 kg (3748 lb.)	

The platesetter is a Class 1 Laser Product and fully complies with EN60825-1 and US Federal Regulations 21 CFR 1040.10 - CDRH.

¹ May reduce plate throughput by 2 pph

² Imaging speed and throughput is dependent on media sensitivity.
All values are for media sensitivity of 130mj/cm.

³ Tested with **Kodak** workflow solutions and with MCU/SCU.
For additional information about the test conditions, please consult your Kodak representative.

⁴ Specification for aluminum media with fixed thickness of 0.3 mm (12 mil) at 25°C (77°F)



Kodak Magnus 400 II Platesetter with multi-cassette unit

To learn more about solutions from Kodak:

Visit graphics.kodak.com

Printed using Kodak technologies.

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