

Kodak

Magnus Q400

Platesetter



Fast, flexible platesetting

Kodak Magnus Q400 Platesetters offer productivity, quality, and ease of use for printing operations of all sizes. With various speed and automation options available, every device delivers stable, accurate imaging and industry-renowned performance. A small footprint saves valuable floor space, and a large 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 Q400 Platesetter's advanced features and modular options can increase efficiency in every aspect of plate making. In addition to its standard capabilities, the platesetter offers ease-of-use improvements through a multilanguage option (with 9 operating languages), autorecovery mechanism, and gigabit Ethernet communication for enhanced file management. The ContinuousLoad built-in standard option provides nonstop plate making and a punch option helps make plates ready for press. You can easily upgrade to the single or multi-cassette unit for unattended operation through completely automated plate loading, slip sheet removal, and inline punch. A bypass feature allows quick plate remakes.

Choices to meet your specific needs

Magnus Q400 Platesetter models are cost-effective choices for high-speed, high-quality imaging up to 38 plates per hour, and feature Kodak SQUAREspot Imaging Technology for greater process stability and photorealistic printing with an option for 10- or 20-micron Kodak Staccato Screening. Full automation makes it a powerful, productive device.

Cost-saving, environmentally-conscious non process plates

Magnus Q400 Platesetters support Kodak Sonora XP Process Free Plates and other processless plates, so you can reduce costs and impact on the environment by eliminating chemistry and your plate processor. In addition, a power save mode on the platesetter enables you to reduce power consumption to an insignificant value when the machine isn't running.

Seamless integration with Kodak Workflow Solutions

Tight integration with Kodak Workflow Systems enables a completely automated prepress solution. Third-party workflow systems are easily integrated with standard 3rd party TIFF Downloaded software, included with the system.

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General specifications

Technology	830 nm thermal imaging platesetter, fully or semiautomatic, external drum
Load/unload systems	<ul style="list-style-type: none">• <i>Standard:</i> Continuous load with semi-automatic plate loading and unloading; as one plate is imaged, another is placed on standby for automatic loading as soon as the drum unloads.• <i>Single-cassette unit (SCU) option:</i> Fully automated; holds up to 60 plates (0.3 mm) of the same size and thickness with slip sheets. Functions are identical to multi-cassette unit.• <i>Multi-cassette unit (MCU) option:</i> Fully automated; holds up to 180 plates in 3 cassettes, each containing up to 60 plates (0.3 mm) of the same size and thickness with slip sheets. The required cassette is automatically selected according to the job definition. Slip sheets can be removed from the storage bin while the platesetter is running.
Punch option	<i>For SCU and MCU configurations:</i> 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.

Performance specifications

Throughput at 2400 dpi ^{1,2} for plate size 724 x 680 mm	F speed: 30 plates per hour (standard) X speed: 38 plates per hour
Repeatability	± 5 microns between two consecutive exposures on the same plate left on the drum
Accuracy ³	± 20 microns (at a resolution of 2540 dpi) between two plates imaged by different Magnus Platesetters
Workflow connectivity	Standard XPO TIFF Downloader Software (included) connects to most third-party workflow systems. Kodak Prinergy Evo Workflow, Kodak Prinergy Workflow, and connection to third-party workflow systems.

Imaging specifications

Resolution	1200 and 2400 dpi or 1270 and 2540 dpi
Screening	450 lpi max linescreen. Optional: 25-, 20- or 10-micron Kodak Staccato Screening
Maximum plate size: around drum x along drum	685 x 762 mm
Minimum plate size: around drum x along drum	300 x 228 mm
Maximum image area size: around drum x along drum	673 x 762 mm

Physical characteristics

Size (H x W x D)	135 x 176 x 145 cm
Weight	750 kg

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

²Tested with **Kodak** Workflow solutions and with MCU/SCU. For additional information about the test conditions, please consult your Kodak representative.

³Specification for aluminum media with fixed thickness of 0.3 mm at 25°C (77°F).

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.

Eastman Kodak Company
343 State Street
Rochester, NY 14650 USA

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