KODAK MAGNUS Q800
PLATESETTER

Premium performance and quality
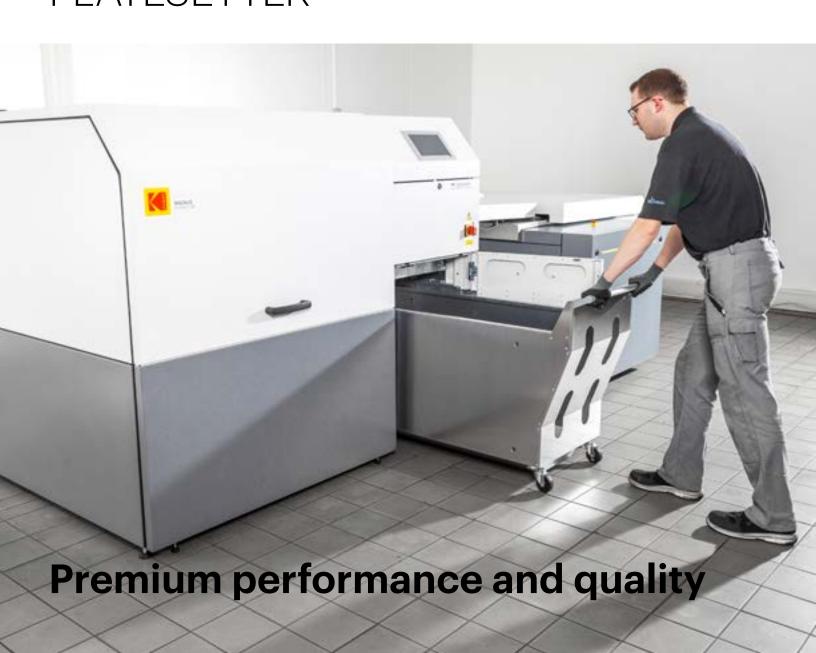
Fast, high-performance platemaking

The KODAK MAGNUS Q800 Platesetter provides exceptional productivity and efficiency to meet the needs of both small and large commercial printers. It is the fastest 8-page CTP available, imaging up to 84 plates per hour, with a modular design for easy scalability and various plate options. When combined with optional 10-micron KODAK STACCATO Screening, KODAK PRINERGY Workflow and KODAK Digital Plates, MAGNUS Q800 Platesetters deliver photorealistic results that you have to see to believe.

KODAK SQUARESPOT
IMAGING TECHNOLOGY

ADVANCED AUTOMATION

Automating prepress production helps reduce waste and costly errors while optimizing throughput and efficiency. The MAGNUS Q800 Platesetter is available with a variety of automation options to meet a wide range of business needs.

ContinuousLoad
Semi-automated; as one plate is imaged, another is placed on standby for automatic loading as soon as the drum unloads. Integrated punch with up to 10 punch heads as part of the engine automation delivers a press-ready plate.

Single Cassette Unit (SCU)
Fully automated; holds up to 100 plates of the same size and thickness with slip sheets. Additional trolleys are available for easy switching to another plate format. Right access is standard; available with optional left access.

Multi-Cassette Unit (MCU)
Fully automated; holds up to 500 plates in 5 cassettes, each containing up to 115 plates of the same size and thickness with slip sheets, enabling up to 5 different plate sizes online. The required cassette is automatically selected according to the job definition. Empty cassettes can be reloaded while the platesetter is running. Right access is standard; available with optional left access.

Single Pallet Loader (SPL)
Fully automated; holds one pallet of up to 1,500 plates of the same size and thickness with slip sheets.

Multi-Pallet Loader (MPL)
Fully automated; holds one or two pallets of up to 1,500 plates each with slip sheets. Optional one or two cassettes holding 100 plates each. Total capacity of up to 3,200 plates, up to 4 different plate sizes.

Manual bypass
Available with SCU, MCU, SPL, and MPL, increases flexibility and uptime by allowing an operator to bypass automation to quickly remake a plate or make a set of plates of a size not loaded into the pallet or cassette.

Maximum stability

Standard on all MAGNUS Q800 Platesetters, thermal KODAK SQUARESPOT Imaging Technology automatically compensates for temperature-related plate expansion and contraction for precise, consistent imaging from plate to plate and machine to machine.

In addition, every platesetter with SQUARESPOT Technology uses Geometric Correction to correct for mechanical asymmetries and plate variations in plate loading, so printers can count on imaging stability, even across different KODAK Platesetters.

SQUARESPOT Technology also enables KODAK STACCATO Screening for moiré-free image fidelity with extraordinary tone and color consistency throughout the press run. Additionally, the dynamic autofocus mechanism provides robustness to process variation on the plate and prevents hot spots.

Fastest CTP available

The MAGNUS Q800 Platesetter with the new T-speed Plus option is the fastest 8-page CTP device in the market, with throughput of up to 84 plates per hour. Or you can choose a 28- or 45-pph system and easily upgrade as your business grows.

More uptime

The MAGNUS Q800 Platesetter is designed with the ability to connect remotely to KODAK service, enabling our service team to diagnose and resolve up to 50% of service requests remotely. You don't have to wait for a service engineer, so you can save money and get back to production quickly.
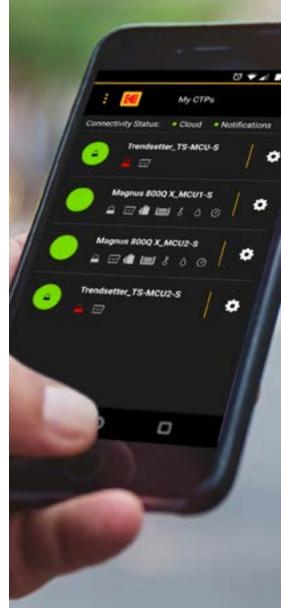
Go remote!

The optional KODAK Mobile CTP Control App lets you monitor your MAGNUS Q800 Platesetter remotely with your Android or IOS device. Know instantly if one of your CTP devices needs attention, even if you are away, so you can get back to making plates quickly. The latest version also provides customizable reports on CTP uptime, plate usage, shift performance, and more, so you can make informed decisions to increase productivity and efficiency.

Reduce your environmental footprint

The MAGNUS Q800 Platesetter, T-speed Plus, is the fastest CTP for SONORA Process Free Plates—letting you completely eliminate the environmental impact of processing without sacrificing productivity.

KODAK MAGNUS Q800 PLATESETTER

General Specifications

Technology	830 nm platesetter with KODAK SQUARESPOT Imaging Technology, external drum
Integrated punch	• Up to 10 customized punch heads. Select from a list of punches qualified for MAGNUS Q800 Platesetters • Optional automatic punching is operated according to press profile selected from the KODAK Workflow • Punch is available on the front edge of the plate only

Performance Specifications

Throughput at 2400 dpi[1,2] **plates per hour (pph)**	*Standard:* **F** speed = 28 pph *Optional:* **X** speed = 45 pph *Optional:* **T** speed Plus = 84 pph
Repeatability	± 5 microns between two consecutive exposures on the same plate left on the drum
Accuracy	± 20 microns between two plates imaged on the same device
Registration	± 25 microns between image and plate edge
Workflow connectivity	*Standard*: XPO TIFF Downloader Software (included) connects to KODAK PRINERGY Workflow and most third-party workflow systems. *Optional*: • JDF/JMF Connectivity Option enables functionality in the software to provide job and device status. • The KODAK Mobile CTP Control App lets you monitor CTP devices from your mobile device.

Imaging Specifications

Resolution	*Standard*: 2400 / 1200 dpi *Optional*: 2540 / 1270 dpi (not available with T-speed)
Screening	450 lpi max line screen *Optional*: 25-, 20- or 10-micron KODAK STACCATO Screening
Maximum plate size: [3] **around x along drum**	37.4016" x 45.7874" (950 x 1,163 mm)
Maximum image area: around x along drum	36.9294" x 45.7874" (938 x 1,163 mm)
Minimum plate size: [3] **around x along drum**	12.9921" x 12.0079" (330 x 305 mm)
Minimum image area: around x along drum	12.5197" x 12.0079" (318 x 305 mm)

Physical Characteristics

Size (H x W x D) / Weight	*Standard:* 3.71 x 7.58 x 5.45 ft / 2,293 lbs *SCU:* 4.79 x 5.78 x 14.21 ft / 4,577 lbs *MCU:* 4.79 x 12.11 x 14.21 ft / 6,178 lbs *SPL or MPL with one pallet:* 5.09 x 7.58 x 13.42 ft / 3,695 lbs *MPL with Second Pallet Option:* 5.09 x 7.58 x 17.75 ft / 4,324 lbs (Height is 8.14 ft when Pallet Loader door is open.)

1 Imaging time is dependent on media sensitivity and screening type. All values are for media sensitivity of based on 90 mJ/cm^2 with KODAK TRILLIAN SP Plates, screening of 175 lpi and plate width of 40.55 in. (1,030 mm).
2 Tested with KODAK Workflow.
3 Standard plate gauge is 0.006 to 0.012 in (0.15 to 0.3 mm). For plate gauges 0.006 to 0.08 in (0.15 to 0.2 mm) there may be some differences in min and max plate sizes.
   For more information, please consult your KODAK representative.