



# **KODAK MAGNUS** Q3600 Titan PLATESETTER



**Versatility unleashed.**

# Innovate, automate, excel.

At Kodak, we've spent decades leading the way in print innovation. The MAGNUS Q800 Platesetter is the industry's fastest 8-page CTP; while the MAGNUS Q4800 Platesetter is the industry's largest CTP system, with the fastest XLF throughput. Now, Kodak's commitment to innovation has inspired the MAGNUS Q3600 Titan: the most versatile VLF CTP system on the market. It boasts enhanced automation and other features for even greater productivity, reliability, quality and long-term success. All while minimising waste, costs, physical footprint and manual intervention.

## Precise and consistent

MAGNUS Q3600 Titan Platesetter features the latest KODAK SQUARESPOT Imaging Technology thermal heads with advancements that ensure performance for decades to come. SQUARESPOT automatically compensates for temperature-related plate expansion and contraction, so you get precise, consistent imaging from plate to plate and machine to machine. SQUARESPOT Technology also enables KODAK STACCATO Screening for moiré-free image fidelity, with extraordinary tone and color consistency throughout the press run.



## Multiple automation options

Increasing the amount of time your platesetter runs unattended can provide big gains in efficiency and productivity in prepress.

### Multi-Pallet Loader (MPL)

Enables easy and efficient bulk loading, providing time and labor savings by removing the extra work required by manual or cassette loading for VLF plate sizes.

Simply load between one and five pallets with up to 1,500 plates each, and up to 3 cassettes with 100 plates, for up to 7,800 plates online.

The MPL does the rest, automatically selecting the correct size plate based on the job, removing slip sheets and loading plates with no operator intervention. Right access is standard; available with optional left access.

### Multi-Cassette Unit (MCU)

Fully automated, letting you operate continuously for longer.

Holds up to 300 plates 0.0118" (0.3 mm) in four cassettes, each with up to 75 plates with slip sheets. 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.

### ContinuousLoad

Semi-automated.

While one plate is being imaged, the second plate is placed in standby and loads automatically after the plate on the drum unloads to an online processor. Integrated punch with up to 10 punch heads as part of the engine automation delivers a press-ready plate. Right access is standard; available with optional left access.



### Manual Bypass

Available with MCU or MPL.

Increases flexibility and uptime by allowing an operator to bypass automation, loading plates straight into the main engine, to quickly remake a plate or make a set of plates of a size not loaded into the pallet or cassette.

### Enhanced quality, reliability and process stability.

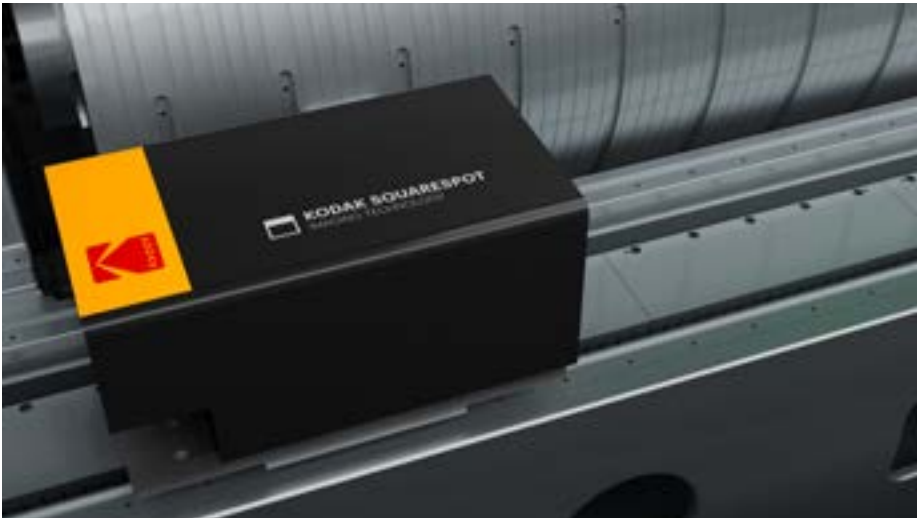
At the heart of MAGNUS Q3600 Titan sits our newest upgrade in engine technology – Fusion Drive. This linear magnetic drive combines with SQUARESPOT Imaging Technology to deliver superior quality and accuracy. It also promises improved throughput as the faster movement of the imaging head reduces non-imaging time. And as it has fewer components that could go wrong, it's more reliable than lead screw systems used by some competitors.

### Kodak's solution for optimal platemaking.

MAGNUS Q3600 Titan works with a wide variety of plates, but is designed to pair particularly well with KODAK SONORA Process Free Plates. SONORA Process Free Plates deliver ultra-high performance, plus all the benefits you'd expect from eliminating the equipment, chemicals, water, energy and extra labor required in conventional plate making processes.

### Quality comes in all sizes.

Whether you're working with 4-up, 8-up or VLF formats, on packaging, sheetfed, or heatset web presses, Kodak's latest device is the most versatile VLF CTP in the industry. And its enhanced automation promises platemaking that is more productive, efficient and high-quality – while keeping your waste, costs, footprint, and manual intervention to a minimum.



KODAK SQUARESPOT Technology featuring the latest thermal head and Fusion Drive imaging KODAK SONORA Process Free Plate.

### Chart your own course.

The KODAK Mobile CTP Control App monitors devices, manages queues and controls multiple CTPs from anywhere, anytime, instantly.





KODAK MAGNUS Q3600 Titan Platesetter

GENERAL SPECIFICATIONS

Technology	830 nm platesetter with KODAK SQUARESPOT Imaging Technology, external drum					
Integrated punch	<ul style="list-style-type: none"><li>• Optional automatic punching is operated according to press profile selected from the KODAK Workflow.</li><li>• Up to 10 customized punch heads. Select from a list of punches qualified for MAGNUS Q3600 Titan Platesetter.</li><li>• Punch is available on the leading edge of the plate only.</li></ul>					
PPH Throughput at 2400 dpi <sup>1,2</sup>	SONORA Process Free Plates			TRILLIAN SP Thermal Plates		
	F Speed	X Speed	W Speed	F Speed	X Speed	W Speed
	40.5512" (1030 mm) width	23.5	31.2	40.7	25.0	32.1
	64.9606" (1650 mm) width	17.6	20.0	29.3	18.4	20.8
	82.0079" (2083 mm) width	15.5	17.5	25.6	16.3	18.2
Repeatability <sup>3</sup>	± 15 microns between two consecutive exposures on the same plate left on the drum					
Accuracy <sup>3</sup>	± 35 microns accuracy of image size and shape					
Registration <sup>3</sup>	± 25 microns between image and plate edge at registration points					
Workflow connectivity	Standard KODAK Print Console with TIFF Downloader Software included; connects to KODAK PRINERGY Workflow and most third-party workflow systems. JDF/JMF Connectivity Option enables functionality in the Print Console software to provide job and device status. The optional 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 W speed)
Screening	<ul style="list-style-type: none"><li>• 450 lpi max line screen</li><li>• Optional: 25-, or 20-micron KODAK STACCATO Screening</li></ul>
Maximum plate size: around x along drum <sup>4</sup>	62.9921" x 82.0079" (1600 x 2083 mm)
Minimum plate size: around x along drum <sup>4</sup>	Standard/MCU: 19.0157" x 15.5118" (483 x 394 mm) MPL: 19.0157" x 22.9921" (483 x 584 mm)
Maximum image area: around x along drum <sup>4</sup>	62.4409" x 82.0079" (1586 x 2083 mm)

PHYSICAL CHARACTERISTICS

Size (W x D)	<ul style="list-style-type: none"><li>• Continuous Load: 13.8123' x 8.3005' (4210 x 2530 mm)</li><li>• MCU: 23.8845' x 9.2848' (7280 x 2830 mm)</li><li>• MPL1600 1 Segment: 24.9344' x 9.2848' (7600 x 2530 mm)</li><li>• MPL1600 2 Segment: 29.9869' x 9.2848' (9140 x 2530 mm)</li><li>• MPL1600 3 Segment: 35.1706' x 9.2848' (10720 x 2530 mm)</li><li>• MPL3600 1 Segment: 27.2310' x 9.1864' (8300 x 2800 mm)</li><li>• MPL3600 2 Segment: 33.2677' x 9.1864' (10140 x 2800 mm)</li><li>• MPL3600 3 Segment: 39.4357' x 9.1864' (12020 x 2800 mm)</li></ul>

1 Imaging time is dependent on media sensitivity and screening type.  
2 Tested with KODAK PRINERGY.  
3 Specifications pertain to performance at largest plate size, over full temperature range.  
4 Standard plate gauge is 0.008 to 0.016 in. (0.2 to 0.4 mm)  
The platesetter is a Class 1 Laser Product and fully complies with EN60825-1 and US Federal Regulations 21 CFR 1040.10 - CDRH.