KODAK SQUARESPOT IMAGING TECHNOLOGY

KODAK GENERATION NEWS
PLATESETTER

Fast, highly-automated thermal plate making

FULL AUTOMATION FOR PRODUCTIVITY AND FLEXIBILITY

The platesetter automatically selects and loads the correct size plate based on the job. Slip sheet removal, plate picking, transport to the imaging engine, and plate centering and registration are also all automatic. After plates are imaged, the system quickly conveys them to the plate processor or stacker with no operator involvement. Four plate cassettes are standard, enabling fast plate loading and unloading of up to 1,600 broadsheet or 800 panorama plates. As an option, up to four plate formats can be online, increasing flexibility and uptime while reducing the number of plate lines needed to support multiple presses.

QUALITY, STABILITY, AND REPEATABILITY PLUS HIGH-SPEED IMAGING

With imaging speeds up to 300 plates per hour, the GENERATION NEWS Platesetter is the fastest thermal platesetter designed for newspapers. KODAK SQUARESPOT Imaging Technology, eliminates the process variation found in visible light and UV systems that can lead to costly remakes and poor quality. With higher resolutions, you can offer value-added services such as high-quality advertising and detailed print while saving on materials and makeready time.

OPEN WORKFLOW COMPATIBILITY

The platesetter interfaces with Kodak's PRINERGY On Demand Workflow; the industry's only single, smart and secure end-to-end software platform for an entire print organization, solely managed by Kodak. Like other prepress devices, the platesetter can also easily interface with third-party workflow systems, allowing seamless integration into existing environments. It provides job and device status information in customizable XML format, saving time and eliminating the need for special modifications.

REDUCE ENVIRONMENTAL IMPACT WITH PROCESS FREE PLATES

GENERATION NEWS Platesetters are fully compatible with KODAK SONORA Process Free Plates, enabling you to completely eliminate processing, including the water, chemistry, energy and waste associated with processed plates.

NEW APP FOR REMOTE MONITORING

The one-of-a-kind KODAK Mobile CTP Control App lets you monitor your GENERATION NEWS Platesetter remotely with an Android or iOS device. Know instantly if one of your CTP devices needs attention, even if you are out of the room or off site, so you can automate making plates more quickly. Customize reports to save time on data analysis, help prioritize actions, and inform key decision-making.

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GENERAL SPECIFICATIONS

Technology	830 nm platesetter with KODAK SQUARESPOT Imaging Technology, fully automatic, external drum
Loading / unloading	4 cassettes (standard). Each cassette holds up to 400 plates of the same size and thickness. Optional: Capability to have up to 4 different formats online.[1] Fully automated; the cassette with the correct size plate is automatically selected according to the job definition. The unit automatically loads and unloads plates and removes slip sheets. Slip sheets are easily accessible from a front bin and can be removed while the platesetter is running.
Plate capacity (0.0118" (0.3 mm) plate thickness)	4 cassettes: 1,600 broadsheet size or 800 panorama size plates Capacity of slip sheet bin: 1,800 slip sheets

PERFORMANCE SPECIFICATIONS

Throughput in plates per hour (pph) @ 13.5039" (343 mm), 1270 dpi	**Z** speed: 300 pph	**V** speed: 200 pph
Throughput in plates per hour (pph) @ 35.0394" (890 mm) plate width, 1270 dpi	**Z** speed: 139 pph	**V** speed: 93 pph
Repeatability	10 microns between two plates imaged by the same GENERATION NEWS Platesetter	
Accuracy	40 microns between two plates imaged by different GENERATION NEWS Platesetters	
Workflow connectivity	Standard KODAK Print Console with TIFF Downloader Software included; connects to most third-party workflow systems. TPDI with XML connectivity to third party workflow systems included. Provides job and device status information. The KODAK Mobile CTP Control App enables remote monitoring of CTP devices from your mobile device.	

IMAGING SPECIFICATIONS

Resolution	4 resolutions: 1200 or 1270 dpi standard, 2400 or 2540 dpi optional for V-speed only
Screening technology	AM Screening, KODAK MAXTONE Screening and KODAK STACCATO Screening
Screening capability (dependent on media qualification)	AM screening: up to 200 lpi; up to 450 lpi with Commercial option FM screening: up to 25-micron STACCATO Screening
Image area	Same as plate size, minus leading edge and trailing edge gripper margins of 0.1969" (5 mm) each. Imaging up to 0.0079" (2 mm) from leading edge is allowed in predefined areas.

MEDIA SPECIFICATIONS

Media type	Thermal IR-sensitive aluminum plates, 830 nm Recommended: KODAK THERMALNEWS PT, THERMALNEWS SP, THERMALNEWS Gold Digital Plates or KODAK SONORA Process Free Plates. For other qualified plates, contact your Kodak representative.
Plate sizes: Min. to max. around drum circumference, Min. to max along drum axis	18.1102" x 25.9843" (460 - 660 mm) Single wide (broadsheet): 10.8268" x 17.7165" (275 - 450 mm) Double wide (panorama): 17.7205" x 37.7165" (450.1 - 985 mm)
Plate thickness	0.0079-0.0118" (0.2 mm - 0.3 mm)

PHYSICAL CHARACTERISTICS (PLATESETTER)

Size (H x W x D)	6.0203" x 6.0696" x 10.5807" (183.5 x 185 x 322.5 cm)
Weight	4,300 lbs (1,950 kg)

[1] Standard plate picker supports a matching broadsheet/panorama plate size combo; additional formats will require the Multi Plate Format Support Option.

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

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