



Especificações Técnicas / Technical Specifications

Fabricante	Kodak
Modelo	CTP Kodak Generation News

General specifications	
Technology	830 nm laser thermal imaging, fully automatic, external drum
Loading/unloading	4 cassettes (standard). Each cassette holds up to 400 plates of the same size and thickness. <i>Optional:</i> Capability to have up to 4 different formats online. 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 (0.3 mm plate thickness)	<i>4 cassettes:</i> 1,600 broadsheet size or 800 panorama size plates <i>Capacity of slip sheet bin:</i> 1,800 slip sheets

Performance specifications	
Throughput in plates per hour (pph) @ 343 mm, 1270 dpi	<i>Z speed:</i> 300 pph <i>V speed:</i> 200 pph
Throughput in plates per hour (pph) @ 890 mm, 1270 dpi	<i>Z speed:</i> 139 pph <i>V speed:</i> 93 pph
Repeatability	10 microns (0.4 mil) between two plates imaged by the same GENERATION NEWS Platesetter
Accuracy	40 microns (1.6 mil) between two plates imaged by different GENERATION NEWS Platesetters
Workflow connectivity	TIFF downloader software connects to most third-party workflow systems. XPO TDL, TPDI with XML connectivity to third-party workflow system. Provides job and device status information.



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Imaging specifications

Resolution	<i>4 resolutions:</i> 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 optional 25-micron STACCATO Screening
Image area	Same as plate size, minus leading edge and trailing edge gripper margins of 5 mm (0.2 in.) each. Imaging up to 2 mm from leading edge is allowed in predefined areas.

Media specifications

Media type	Thermal IR-sensitive aluminum plates, 830 nm <i>Recommended:</i> KODAK THERMALNEWS PT, THERMALNEWS SP, THERMALNEWS GOLD or SONORA NEWS Plates For other qualified plates, contact your Kodak representative.
Plate size: Min. to max. around drum circumference	460 - 660 mm (18.1 - 25.98 in.)
Plate size: Min. to max along drum axis	<i>Single wide (broadheet):</i> 275 - 450 mm (10.83 - 17.71 in.) <i>Double wide (panorama):</i> 450.1 - 985 mm (17.72 - 38.8 in.)
Plate thickness	0.2 mm - 0.3 mm (0.008 in. - 0.012 in.)

Plateline equipment

Plate processor	<i>Recommended:</i> KODAK T-HDX Plate Processors (no preheat) or KODAK MERCURY P-HD Plate Processors For other qualified processors, contact your Kodak representative.
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Physical characteristics (platesetter)

Size (H x W x D)	183.5 x 185 x 322.5 cm (72.24 x 72.8 x 127 in.)
Weight	1,950 kg (4,300 lb.)

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

