# Productivity, reliability, and consistency in thermal VLF imaging

Kodak

**Magnus** VLF
platesetter

**Trendsetter** VLF
platesetter

# Kodak Magnus VLF platesetter

Kodak VLF (very large format) CTP devices offer maximum manufacturing efficiency and differentiation for commercial and packaging printers with web and sheetfed presses. Choose from two devices: the **Kodak Magnus** VLF platesetter and the **Kodak Trendsetter** VLF platesetter. Both products are available in **Kodak Quantum** models, which feature **Kodak SQUARESpot** thermal imaging technology and a compensation system for outstanding image quality and consistency. **SQUARESpot** technology, combined with 10 or 20-micron **Kodak Staccato** screening, allows you to produce photorealistic prints to distinguish your business.

## Prepress savings and on-press productivity deliver rapid ROI

**Kodak** thermal imaging technology maintains accuracy and consistency despite normal plate-imaging variations that occur in visible-light or film-based imaging. With thermal imaging, makeready and startup are faster, which means more efficient press use, reduced material waste, and an accelerated return on investment.

## The fastest VLF device in the industry

The **Magnus** VLF platesetter is the fastest fully automated VLF platesetter on the market. The X-speed configuration enables imaging of up to 28.8 2,070 mm (81.5 in.) plates per hour, or 48 1,030 mm (40.5 in.) plates per hour at 2400 dpi with **Kodak Thermal Gold** or **Kodak** Thermal DITP plates.

## Multiple automation options for productivity gains

The ContinuousLoad option reduces operator time and increases imaging efficiency by allowing two-plate queuing and automatic plate eject to an online processor. The Multi-Cassette Unit option allows the **Magnus** VLF platesetter to operate with four cassettes of up to 75 plates per cassette with automatic slip sheet removal.

Further productivity gains can be achieved with the dual-plate option, which allows the loading of two plates concurrently, and the Side-Edge Registration option, which enables plates imaged in portrait orientation to be registered to the long edge.

## Integrated punch enhances automation

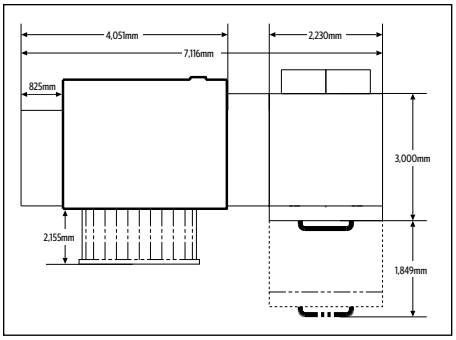
The **Magnus** VLF platesetter features a fully integrated punch option with accurate three-point registration, helping eliminate costly errors. The integrated punch is available with ContinuousLoad or Multi-Cassette Unit automation options, and is fully configurable to match a wide variety of press requirements. The inline punch automatically corrects for temperature-related plate expansion differences between platesetters for precise registration of plates.

## Choose your preferred size and speed

The **Magnus** VLF platesetter is available in five sizes. The largest can image plates up to 1,600 x 2,083 mm (63 x 82 in.), and the smallest can image plates up to 1,168 x 1473 mm (46 x 71 in.). Speed options allow you to choose the number of plates per hour your **Magnus** VLF device will produce.

## Large drum, small footprint

With its large drum size, the **Magnus** VLF device is capable of imaging larger plates for the newest VLF presses. The device uses floor space efficiently with its linear design, including an enclosure that integrates head cooling and debris collection within the machine.




**Magnus** VLF **Quantum** device with Multi-Cassette Unit (left-eject orientation)

**Magnus** VLF platesetter
with Multi-Cassette Unit

## **Magnus** VLF **Quantum** platesetter with **SQUARE**spot thermal imaging technology

The **Magnus** VLF **Quantum** platesetter is the premium fully automated VLF device, featuring advanced **SQUARE**spot thermal imaging technology. **SQUARE**spot technology improves press utilization by delivering plates with outstanding accuracy and repeatability, and lowers costs by cutting makeready time and waste. The **Magnus** VLF device keeps your large-format press operating and makes shorter run lengths possible for greater customization.

**SQUARE**spot technology also helps you maintain end-to-end data integrity, from the original file through to the press. The accuracy of **SQUARE**spot technology helps ensure that imaging is consistent and repeatable from plate-to-plate and platesetter-to-platesetter. This means that plates made on different **Kodak** VLF **Quantum** platesetters will match in fit, quality, and register.

## High-fidelity **Staccato** screening included

**Staccato** screening is bundled with the **Magnus** VLF **Quantum** device. It produces high-fidelity, artifact-free images that exhibit fine detail, without halftone rosettes, screening moiré, gray level limitations, abrupt jumps in tone, or impact on RIPing or rendering time. **Staccato** screening brings tonal and color stability to the pressroom by reducing variations in dot gain, wet trap, and color contamination from paper.

## Temperature compensation system enhances accuracy

To improve fit and register on press, a unique temperature compensation system adjusts for changes in ambient temperature and corrects for plate expansion and contraction. This system also reduces the number of wasted plates.

# Kodak Trendsetter VLF platesetter

## Reliable and affordable very large format CTP

An ideal transition to CTP, the robust, highly-productive **Trendsetter** VLF platesetter offers semi-automatic operation, stability, easy maintenance, and exceptional imaging. Available in five sizes and several speeds, **Trendsetter** VLF devices are optimized for the special requirements of very large format commercial printers, as well as packaging converters and trade shops.

## Accurate plate fit and register reduces costs

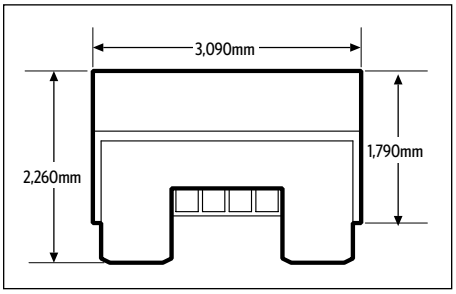
Electronic registration reduces the possibility of improperly aligned plates for accurate fit. Electronic registration also enables accurate offline punching. It significantly reduces the number of plate remakes, as well as the time and paper wasted making adjustments on press.

## Choose your preferred size and speed

The **Trendsetter** VLF platesetter is available in five sizes. The smallest can image plates up to 1,168 x 1473 mm (46 x 58 in.), the largest can image plates up to 1,473 x 2,032 mm (58 x 80 in.). Speed options allow you to choose the number of plates per hour your **Trendsetter** VLF device will produce.

**Trendsetter** VLF **Quantum** platesetter

## **Trendsetter** VLF **Quantum** platesetter with **SQUARESpot** thermal imaging technology




**Trendsetter** VLF device

The **Trendsetter** VLF **Quantum** platesetter features all of the **Trendsetter** VLF device benefits and options, plus **SQUARESpot** thermal imaging technology. **SQUARESpot** technology provides outstanding process control, reduced makeready and startup waste, and maximum pressroom efficiency by delivering accurate, consistent plates. Thermal compensation maintains precise register by automatically adjusting for temperature-related plate expansion and contraction. **Staccato** screening is included to provide sharper, clearer imaging without screening artifacts such as moiré and rosettes.

## Renowned worldwide service and support from Kodak

**Kodak** Service and Support offers a network of global response centers, an easy-to-use Internet support portal, and over 3,000 geographically dispersed, factory trained professionals.

**Kodak** Service Wire remote support allows our response center to directly interact with your **Kodak** CTP device, saving you time and helping ensure maximum uptime. With our flexible service programs, you can optimize your operations by taking advantage of our fast response times, preventive maintenance services, extensive parts inventory, and comprehensive global coverage.

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