

# Powerful flexographic CTP

that meets your needs



**Kodak**  
**ThermoFlex**  
Platesetters

# A

t the heart of hundreds of plate making operations worldwide, **Kodak ThermoFlex** Platesetters consistently produce high-quality digital flexographic plates, as well as letterpress plates, thermal offset plates, digital screen printing plates, and process-free (ablative) film. Kodak offers a range of **ThermoFlex** Platesetters to meet all types of size and productivity requirements, from low-volume label printers to high-volume tradeshops.

**Kodak ThermoFlex** Platesetters use multi-beam imaging to ablate a mask from digital photopolymer plates, delivering consistency and accuracy through sharper imaging, while eliminating film and film processing chemicals from the plate making process.

## Maximum flexibility

Every customer is different; every job is different. That's why the **ThermoFlex**

Platesetter family is designed to accommodate a wide range of plate sizes and thicknesses from a variety of suppliers. Because adjustments are not required when changing plate size, thickness, or type, operators can quickly move from one job to the next without slowing production.

## Production-proven reliability

Equipment reliability is critical in a market with tight timelines. The **ThermoFlex** Platesetter combines proven multi-beam imaging technology with world-class manufacturing and a global service infrastructure, helping ensure that your plate making operation runs at full capacity. Owners worldwide will attest to the dependability of the **ThermoFlex** Platesetter family of products.

## Plate-to-plate repeatability

With **ThermoFlex** Platesetters, what you RIP is what you get. In a conventional film process, operators are forced to rely on labor-intensive tricks to improve

consistency and repeatability. The **ThermoFlex** Platesetter eliminates the need for such undependable methods, relying instead on the science of laser imaging. Once your process is dialed in, your system will image consistently—day after day, job after job.

## Enhanced image quality

**ThermoFlex** Platesetters are designed to deliver quality that exceeds the expectations of even the most discriminating customer. Exceptional print quality is achieved through the combination of digital plates and multi-beam laser diode imaging technology. Benefits include clean printing, smooth highlights, open shadows, sharp linework, and fine text. Press performance benefits, such as reduced makeready and a reduction in stoppages for plate cleaning, are also commonly found when moving to a digital plate making process.

Flexographic plates imaged on the **ThermoFlex** Platesetter print cleanly and require fewer washings. This helps flexographic presses run faster, shortening job turnaround times and increasing pressroom capacity.



**Kodak ThermoFlex Mid II Platesetter**  
For plates up to 1106 x 1200 mm  
(40 x 47.24 in.)



**Kodak ThermoFlex Narrow Platesetter**  
For plates up to 762 x 762 mm (30 x 30 in.)



**Kodak ThermoFlex Wide II Platesetter**  
For plates up to 1,321 x 2,032 mm (52 x 80 in.)

## HyperFlex Ready Imaging Technology

ThermoFlex Platesetters take full advantage of the award-winning **Kodak HyperFlex** Ready Imaging Technology. **HyperFlex** Technology makes it possible for flexographic platesetters to control relief depth and dot profiles. The result: more consistent presswork and improved print quality, particularly in the highlights.

## Quality control

Powerful **Kodak TIFF** Front End Software drives all **ThermoFlex** Platesetters, allowing operators to preview and inspect files for accuracy before imaging, and optimize media usage by arranging multiple separations on a single plate. The result is outstanding device control and job management, minimal plate waste, increased processing speed, and enhanced ease of operation. TIFF Front End Software also features open connectivity to all prepress workflows.



Kodak TIFF Assembler Plus Software



Kodak ThermoFlex Wide II Platesetter with sleeve imaging system for sleeves up to 1,828.8 mm (72 in.) long

## Outstanding productivity

The combination of advanced **Kodak** Imaging Technology and reliable machine architecture makes the **ThermoFlex** Platesetter a critical component of any high-productivity platemaking operation. Loading and unloading of plates is facilitated by the unique air-assisted loading table, reducing plate damage and improving efficiency.

## Sleeve-imaging capability

The **ThermoFlex** Wide II Platesetter with sleeve imaging option images sleeves, as well as plates and film, with format sizes up to 1,321 x 2,032 mm (52 x 80 in.). It features semi-automatic change-overs from sleeve imaging to plate imaging, and accommodates sleeves with repeats up to 1,067 mm (42 in.) and lengths up to 1,829 mm (72 in.) in both seamless digital photopolymer and plate-on-sleeve formats. For high-volume plate-on-sleeve manufacturing, **ThermoFlex** Platesetters provide a unique digital solution that reduces sleeve manufacturing costs and cuts cycle times.

## Hybrid option for ThermoFlex Platesetters

With the hybrid option, the **ThermoFlex** Platesetter offers even more media flexibility. The hybrid option enables imaging of offset, flexo, letterpress and screen printing plates, and film, all on one device. It is ideal for printers, converters, and trade shops seeking high-quality print results on a wide variety of substrates. The hybrid option is available for narrow and mid formats.

## Solutions for narrow, mid, and wide web print production

The range of available **ThermoFlex** Platesetter sizes allows printers to scale a flexographic CTP system to match their press sizes, and gives packaging trade shops the flexibility needed to service a wide range of customers.

A **ThermoFlex** Platesetter solution can easily be tailored to meet the imaging size requirements of almost any label, flexible packaging, folding carton, multi-wall bag or corrugated printer/converter, or any trade shop supplying these facilities.

## 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 3000 geographically dispersed, factory trained professionals. **Kodak** Service Wire Remote Support allows our response center to directly interact with your **Kodak** Platesetter, 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.



**Kodak ThermoFlex** Narrow Platesetter

### To learn more about solutions from Kodak:

Visit [graphics.kodak.com](http://graphics.kodak.com)

Printed using **Kodak** Technologies.

Eastman Kodak Company  
343 State Street  
Rochester, NY 14650 USA

© Kodak, 2008. Kodak, HyperFlex, and ThermoFlex are trademarks of Kodak.

Subject to technical change without notice.

E.PS.329.0708.en.01

**Kodak**