KIP 9900

Product Introduction Guide

- **Maximum Production**
- **High Resolution**
- **Powerful Processing**
- **Advanced Technology**

Introducing New KIP 9900 Systems

New KIP 9900 wide format systems have been painstakingly engineered to deliver breakthrough quality and performance.

We incorporate our most advanced technologies into every KIP system, so that you can get the highest quality from printers that not only deliver exceptional detail, but also help you to be more efficient, productive and profitable.

KIP 9900 systems provide real value and customer benefits from extremely high quality output, reliable performance and efficient operation.

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KIP 9900 Exclusive Features

Maximum Production

- ✓ 22 ‘D’ size per min
- ✓ 1,320 ‘D’ size per hour
- ✓ 7,920 ‘D’ size ‘per day (6 hrs)
- ✓ 39,600 ‘D’ size per week (5 days)
- ✓ 4 Rolls Standard Media Capacity
- ✓ Multi Sheet Bypass Feeder
- ✓ Uniform Cut Length

KIP 9900 Features

High Resolution

- ✓ 600 x 1200 dpi Resolution
- ✓ Smooth Grayscales and Fill Areas
- ✓ Consistent Print Quality

Powerful Processing

- ✓ Tandem RIP and Print
- ✓ Multi-Threaded Processing
- ✓ 25% Production Advantage

Advanced Technology

- ✓ Print and Scan Using USB Drives
- ✓ Touchscreen System Controls
- ✓ Accessories for Maximum Productivity

KIP

Exceptional Value

Introducing…

KIP 9900 Series Systems

Meticulously engineered to set the new standard for high demand print production. Designed to deliver breakthrough quality and performance. Faster, Sharper, Incredibly Powerful.

Incredibly Fast Production

Built to set a new benchmark in high production environments, the KIP 9900 produces 22 'D' size prints per minute – making it over 15% faster than any other system in its class.

Enhanced Image Quality

Enhanced 600 x 1200 dpi print resolution realistically renders accurate grayscale information and fine line capabilities to satisfy the most exacting quality standards. Color documents are easily scanned into digital files or high fidelity copies when the system is integrated with either the KIP 600A or KIP 2300 scanners.

High Demand Versatility

To boost production capacity, KIP 9900 systems are integrated with a range of online print stacking and folding devices may be feature upgraded at any time as production needs increase.

Key Features:

- ✓ **New Total Parts Guarantee**
  6 months / 500,000 sq. ft.
- ✓ **New Industry Leading**
  LED Head Warranty –
  12 months / 1,000,000 sq. ft.
- ✓ **Reduced Installation Time**
- ✓ **Low Maintenance Part Costs**
- ✓ **Reduced Service Times**
- ✓ **600 x 1200 dpi Resolution**
- ✓ **100% Toner Efficient**
- ✓ **Consistent Print Quality**
- ✓ **Uniform Cut Length**

KIP 9900

KIP 9900 with KIP 600A Scanner

KIP 9900 with KIP 2300 Scanner

Exclusive Total Parts Warranty

In addition to comprehensive mechanical protection, your KIP system warranty offers you the additional peace of mind that comes from a **total parts warranty**. The extended warranty on new KIP 9900 series systems strongly reflect KIP's confidence in their long term performance and reliability.

With this new warranty, there are **no costs related to service maintenance parts** for 6 months or 500,000 square feet of production printing – whichever comes first!

This **industry leading warranty**, combined with an exclusive **12 month LED Head Warranty** is our commitment that you are receiving the most advanced technology and system dependability, coupled with professional service and support.

KIP supports our **commitment to quality** with the assurance of a total parts warranty. Our actions at KIP all strive toward that goal – from advanced research and development efforts to standing squarely behind the products we sell.

Benefits Description:

- ✓ **6 month / 500,000 sq. ft. Total Parts Warranty**
- ✓ **12 month / 1,000,000 sq. ft. LED Head Warranty**
- ✓ **Warranty does not include consumables, glass parts, corona wires or photoreceptors.**

Reduced Toner & Parts Prices

The KIP 9900 features a range of new advancements, along with easy accessibility to removal & replacement parts to ensure less service time at the machine and more productivity.

In addition, reduced pricing on service parts and system toner have been established to further **increase the value of KIP 9900 Systems**.

Benefits Description:

- ✓ **Service parts prices reduced by 10% compared to KIP 9000!**
- ✓ **Toner price reduced by 5%!**
- ✓ **Greater service contract profits**
- ✓ **Support more KIP systems with your current resources**
- **Less system parts waste**

Reduced Installation Time

A number of significant breakthroughs have been achieved related to the design of major system components that **reduces the total installation time** for the new KIP 9900 series systems. Toner Installation has been automated and simplified via a new accessory toner cartridge which allows installing personnel to simultaneously perform other installation tasks.

All four roll decks are calibrated with at one time with a single calibration action, **saving considerable time over previous media calibration routines**.

All service diagnostics are performed at the KIP touchscreen display, eliminating the need for laptop computers on site.

Benefits Description:

- ✓ **Installation time reduced by over 25%!**
- ✓ **Competitively more efficient initial setup**
- ✓ **Increased overall labor cost savings**
- ✓ **More system "up-time"**
- **Automatic environmental adjustment system for easy placement anywhere**

KIP

Superior Productivity

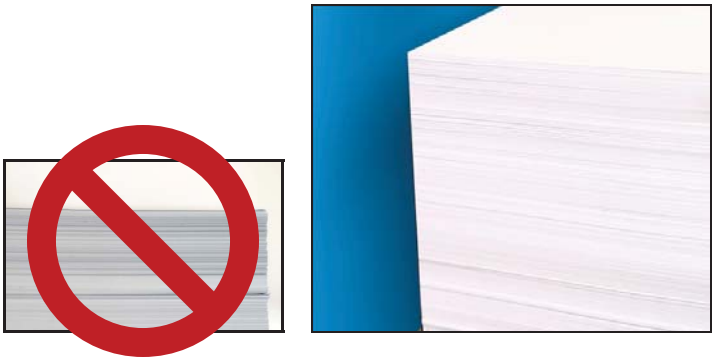
Uniform Cut Length

New KIP 9900 Systems provide precise cut lengths that conform to strict KIP sheet size tolerance. Due to improved electronic monitoring of media while printing and a newly designed electronic pulse signal cutter, these new solutions provide an **accurate page cut length** across the entire production run. Print jobs from all types of files are produced at an identical sheet size, making for a **highly professional presentation** of printed technical materials.

In addition, sets are handled and distributed more easily because of their **sheet to sheet uniformity**.

Benefits Description:

- ✓ **Uniformly cut sheets across entire production runs**
- ✓ **Professional look and appearance**
- ✓ **Easy set jogging, handling and distribution**
- **Reduces Paper Waste**



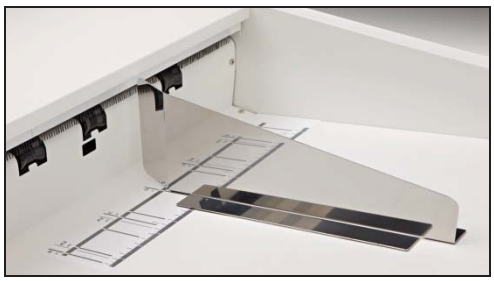
KIP Precision Cutting

Enhanced KIP 1200 Auto Stacker

The KIP 1200 Auto Stacker is an intelligent, online print stacking system designed for use with the KIP 9900. Infrared signals sent by the printer inform the stacker of system status information, providing **tight system integration.** The KIP 1200 stacker is capable of stacking up to **1,000 mixed size prints** and features a small footprint for added convenience.

Enhanced features include:

- ✓ **Measurement Markings**
- ✓ **Adjustable Paper Guides**



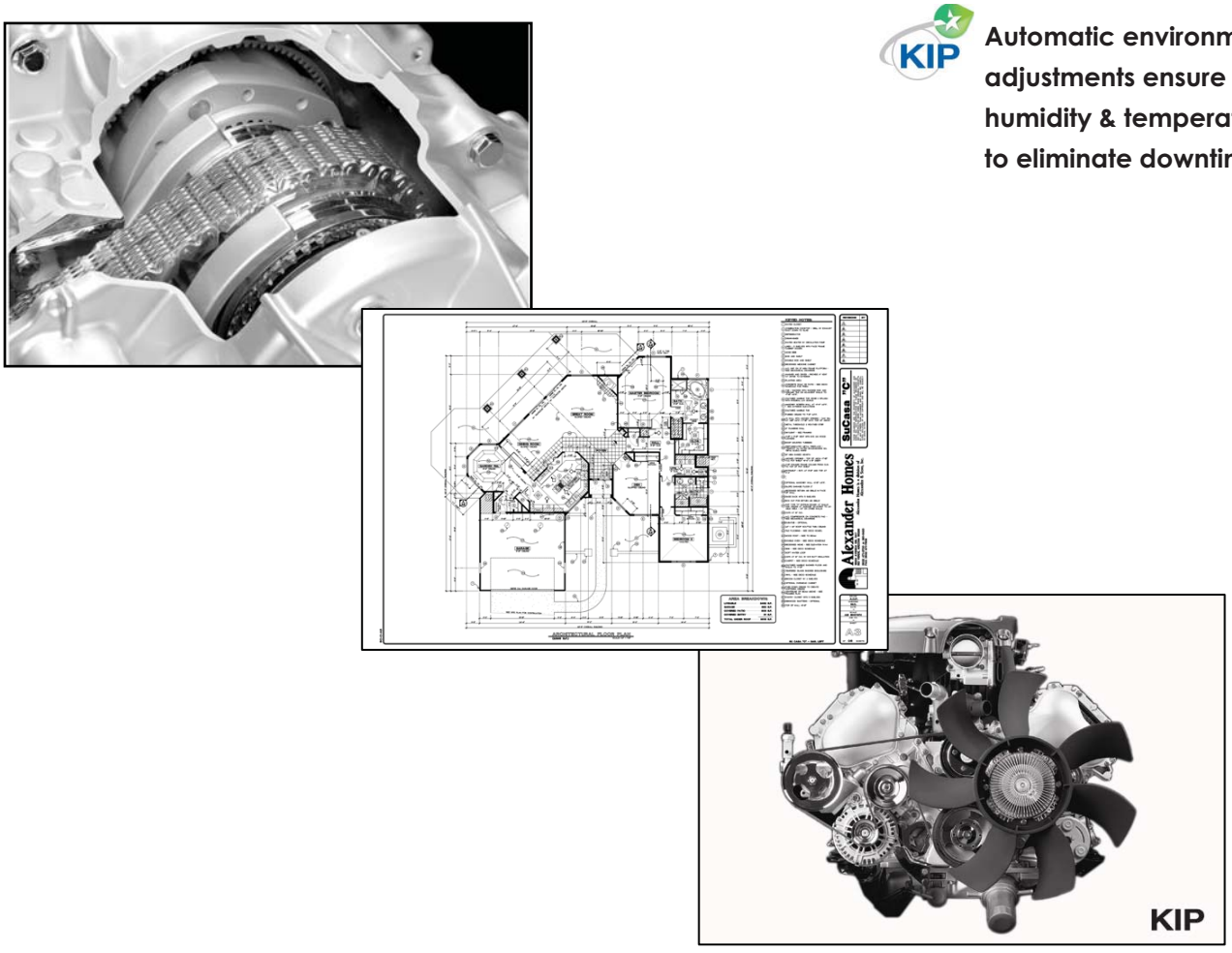
Consistent Print Quality

The new KIP 9900 systems deliver **consistent print quality from the first page of a print job to the last** and from one job to another. Dense, solid blacks in high fill areas exhibit none of the streaking that is often found in competitive systems producing large areas of continuous tone printing. KIP 9900 produce **excellent mid-tones and smooth gradients** for great results on tricky areas such as solid fills and halftones.

Advanced technologies including automatic environmental adjustments and new brush-based developer units keep your print quality on track through seasonal climate changes, regardless of geographic location.

Benefits Description:

- ✓ **Uniform quality from the first print to the last**
- ✓ **Various print jobs feature identical quality**
- ✓ **Solid black fill areas**
- ✓ **Smooth grayscale regions**
- ✓ **New developer section technologies**
- **Automatic environmental adjustments ensure proper humidity & temperature settings to eliminate downtime**



High Quality & Productivity

New KIP 9900 Systems address the current reality of **demanding print runs** and compressed delivery times coupled with the **highest quality** expectations. The excellent across the board performance of these new systems is sure to satisfy the most stringent demands on quality and **top productivity**.

- ✓ **600 x 1200 dpi print resolution**
- ✓ **22 'D' size per min**
- ✓ **1,320 'D' size per hour**
- ✓ **7,920 'D' size 'per day (6 hrs)**
- ✓ **39,600 'D' size per week (5 days)**

Benefits Description:

- ✓ **Ultra-fast file processing and conversion times**
- ✓ **Network and web-based printing software & integrated image viewing**
- ✓ **AutoCAD® and Microsoft® Certified application drivers**
- ✓ **Advanced grayscale and fine line image enhancement**
- **Utilizes patented KIP High Definition Print Technology**

Media Handling

All KIP systems feature auto-switching media drawers to ensure non-stop print production and maximum media type versatility. Operators are shown media illustrated status indications on the touchscreen display.

The KIP 9900 features a robust new braking system designed to ensure uniform sheet sizes from all four media rolls at extremely high speeds. In addition, an integrated 'C' size cut sheet feeder provides expanded versatility for handling specialty media types. Its 50 sheet capacity also creates the ability to insert colored divider sheets between sets during extended production runs.

Benefits Description:

- ✓ **KIP 9900**
  4 Roll Media Capacity
- ✓ **Integrated Cut Sheet Bypass Feeder**
- ✓ **Robust new braking system assists in delivering uniform sets**

KIP 9900 Advanced

Multi-Thread Processing

Using a unique multi-threaded approach to processing, the KIP 9900 provides a production boost that has the greatest effect in high demand printing of multiple jobs containing multiple sets. Individual threads that convert images and transfer the converted image to the KIP interface board are handled by the KIP 9900 in tandem. On multi-core (multiple CPU) systems such as the KIP 9900, this efficiency is enhanced as threads can be spread across the cores of the IPS.

Traditional RIPs utilizes a "RIP-all then print-all" processing approach. This approach is inefficient in nature. The new KIP 9900 benefits from a continuous RIP while printing approach allows operators to stack the queue with print jobs. In a multi-set job, the KIP 9900 will RIP the set of images one time and utilize the created temporary files for subsequent sets. When other print jobs are in the queue, the 9900 will continue processing these files in the background. Once the first print set is completed, subsequent print jobs are processed and ready; there will be no delay in next set printing.

The new KIP 9900 performance increases were compared in a production setting against traditional RIP queues employing a traditional approach to print processing. The implementation of this new RIP technology provides a 25% production advantage over traditional RIP systems.

KIP 9900

- ✓ **Multiple jobs/multiple sets**
- ✓ **Average production time savings of 25%**

Traditional RIPs **KIP 9900**

KIP

Incredible Versatility

Incredible Versatility

New KIP 9900 systems are available in a variety of system configurations. As a network print system, they may be combined with an integrated print rack or a high capacity auto stacking system. As a print, copy and scan system they may have the KIP 600A or 2300 scanner positioned on top of the printer for a single space saving footprint and configured to return originals to the operator or stack them on a rear rack for increased productivity.

Network Printer

Network Printer + Copier + Scan To File with Color STF

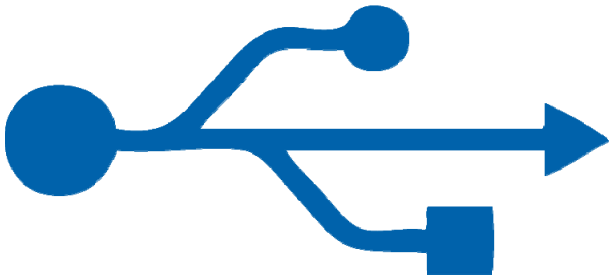
Network Printer + Copier + Scan To File

Network Printer + Copier + Scan To File with Color STF & Color Copy

Network Printer + Copier + Scan To File Dual Footprint

Printing, Scanning & Viewing Versatility

Integrated with included KIP Scan to a range of file formats, including TIF, PDF and DWF for easy viewing, distribution and archiving. Print and scan using removable storage devices such as USB drives and flash based memory. Use of removable media is securely enabled with username & password protection.

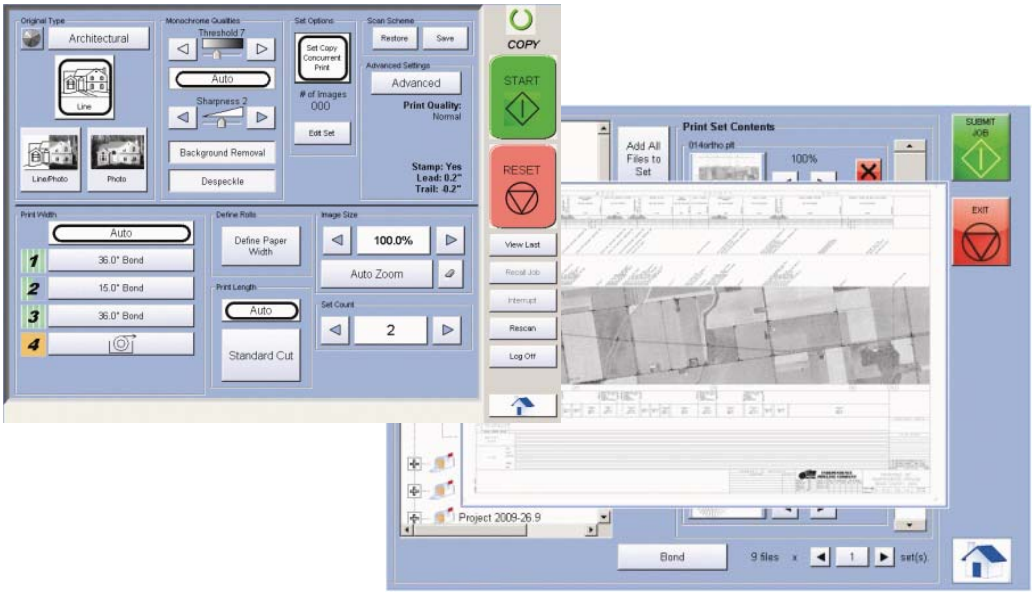


USB Drives

- ✓ **KIP IPS systems support USB based removable media drives.**
- ✓ **Produce prints from a variety of removable media formats.**
- ✓ **Scan to USB Drives**
- ✓ **Username and Password Security**

Advanced Operator Interface

The KIP touchscreen interface has been designed to provide a powerful combination of versatility and ease of use. Every aspect of the interface is centered on efficient workflow, delivering complete control of powerful imaging tools. Each function of each KIP 9900 Systems is accessible at a touch, with dedicated application screens that provide operator authorization and system controls.



KIP 9900 Series System Configurations

KIP 9900 Print System	Standard	Optional
Mono Printing	■	
PDF Printing		■
Folding		■

KIP 9900 Print, Copy & Scan System	Standard	Optional
Mono Printing	■	
Mono Scan	■	
Mono Copy	■	
Color Scan		■
Color Copy		■
PDF Printing		■
Folding		■

System Configurations

- ❑ **KIP 9900 System**

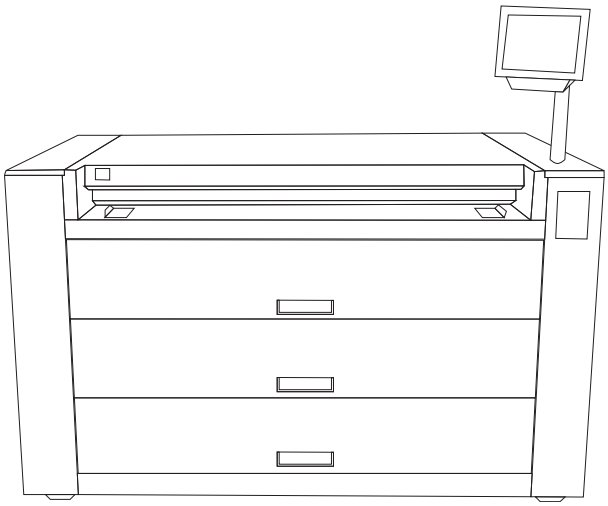
600 x 1200 dpi 4 roll printer, 22 'D' size prints/min, with integrated touchscreen operator panel.

System Software Upgrades

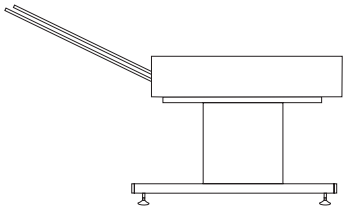
- ❑ **Monochrome Scan-to-File Upgrade**
- ❑ **Color Scan-to-File Upgrade**
  Provides color scan-to-file. Field upgrade by key code activation. Requires scan to file upgrade
- ❑ **Color Copy to Inkjet**
  Provides direct color copying to any integrated inkjet printer. Field upgrade by key code activation. Requires scan to file upgrade.
- ❑ **PDF Format Printing Upgrade**

System Options

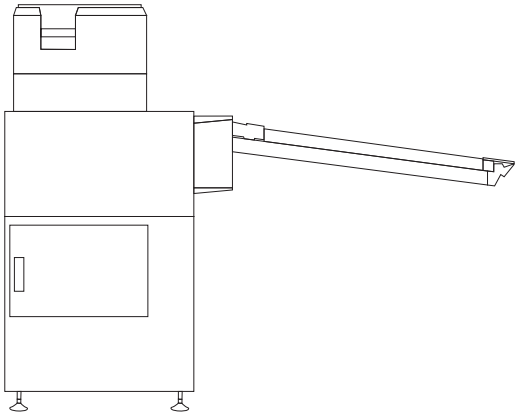
- ❑ **KIP 600 Scanner**
- ❑ **KIP 2300 Scanner**
- ❑ **KIP 600 Original Receiving Rack**
- ❑ **KIP 9900 Print Receiving Rack**
- ❑ **KIP 1200 Auto Stacker**
- ❑ **Secure Hard Drive Connection Kit**
  External removable case for added security
- ❑ **KIPFold 9900**



KIP 9900 Printer



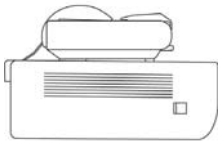
KIP 1200 Auto Stacker



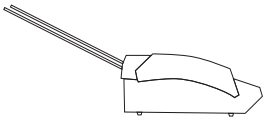
KIPFold

PDF Printing

Removable Hard Drive Kit



KIP 2300 Scanner



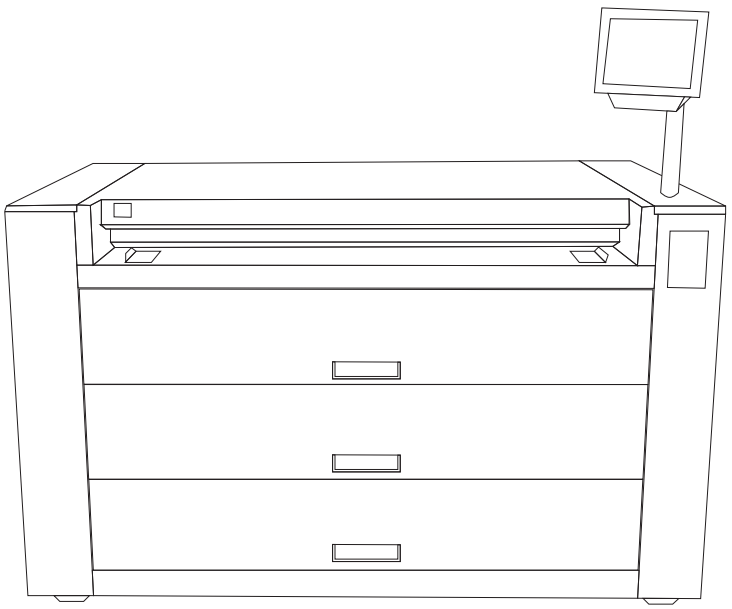
KIP 600A Scanner

Original Receiving Rack

Monochrome Network Print System

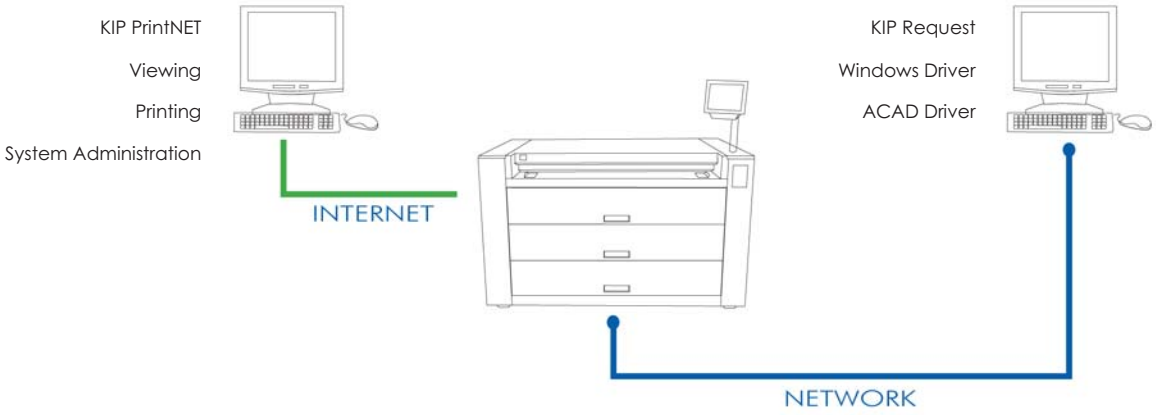
- **600 x 1200 dpi print resolution**
- **KIP 9900 - 4 roll**
- **KIP 9900 – 22 'D' size per minute**
- **Integrated touchscreen operator panel**

The network print system increases print production possibilities by delivering high volume output with exceptionally reliable performance. The system efficiently produces documents sent via application drivers, network PCs or over the internet. The system meets the toughest printing demands of virtually any digital imaging environment and may be easily upgraded to incorporate monochrome and color copying and scanning features.



KIP 9900 Print System

KIP 9900 Print System Configurations

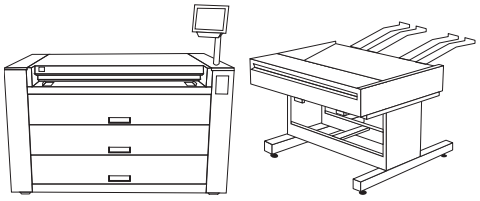


System Includes:

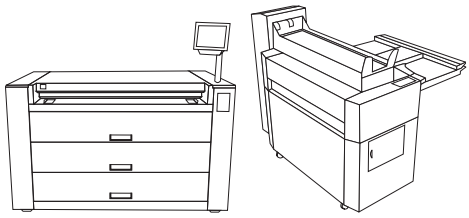
- ✓ **KIP 9900 Printer**
- ✓ **KIP 9900 IPS**
- ✓ **KIP PrintNET Web Printing and Queue Management**
- ✓ **KIP Request Network Printing Software**
- ✓ **Microsoft Certified KIP Windows Driver**
- ✓ **KIP AutoCAD Driver**

System Options:

- **KIP 600 Scanner**
- **KIP 600 Original Receiving Tray**
- **KIP 2300 Scanner**
- **PDF Printing Keycode**
- **KIP 1200 Auto Stacker**
- **KIP 1000 Stacker**
- **KIPFold**



KIP 9900 Network Printer with KIP 1200 Auto Stacker



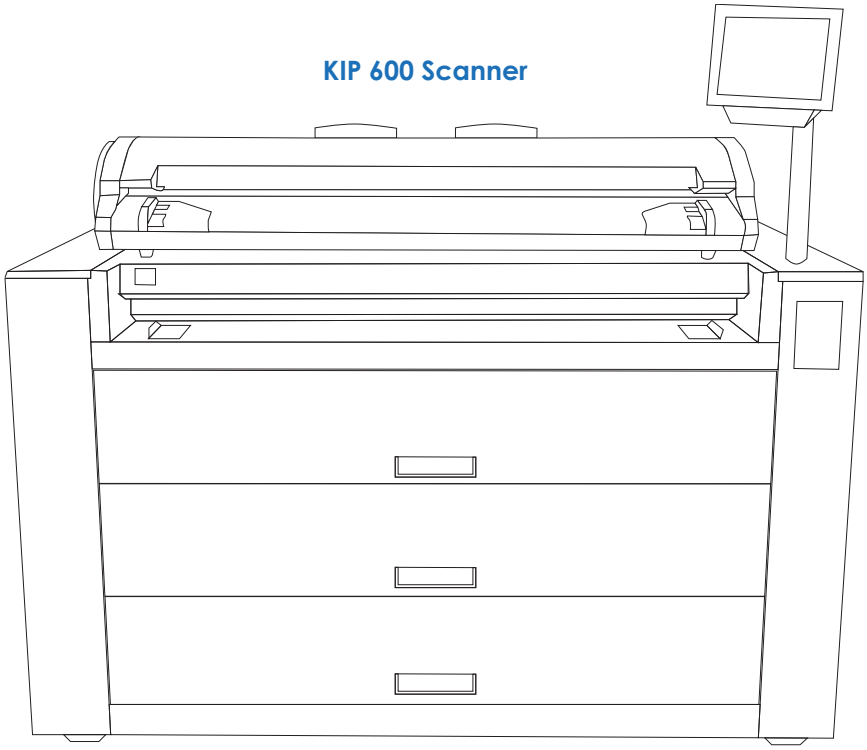
KIP 9900 Network Printer with KIPFold System

Mono/Color Copy, Print & Scan System with 600 Scanner

- **600 x 1200 dpi print resolution**
- **Digital printer/copier/scan-to-file system**
- **Integrated touchscreen operator panel**
- **KIP 600 scanner features mono/color imaging capabilities**

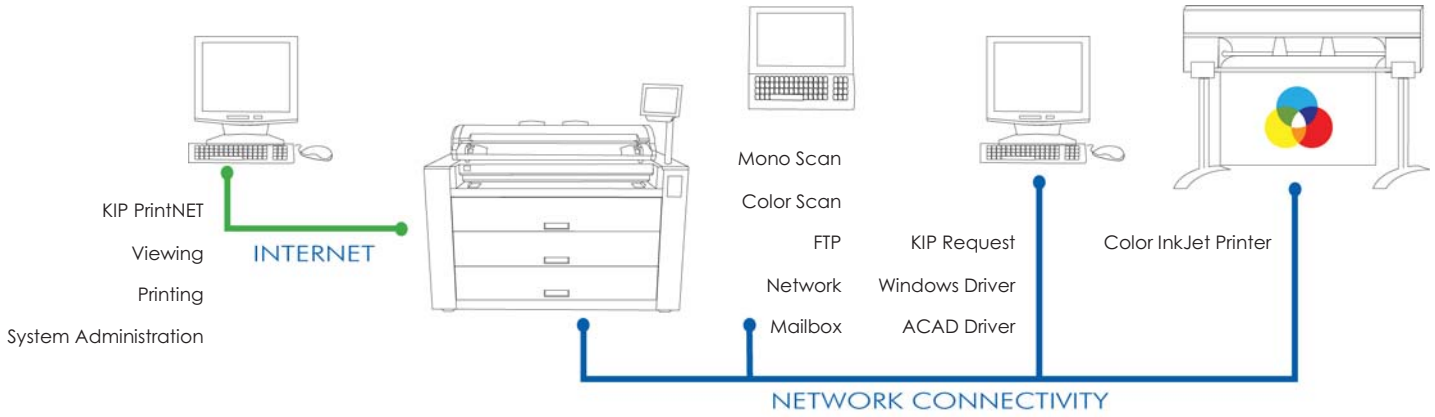
The system easily handles high demand monochrome and color scanning applications, providing the capability to scan any original into a variety of digital file formats for use at network PCs, or create color copies directly to inkjet printers. In addition, monochrome documents containing lines, text, grayscales and graphic images are quickly and accurately printed, copied or scanned.

KIP 600 Scanner



KIP 9900 Printer

Mono/Color Copy, Print & Scan System Configurations

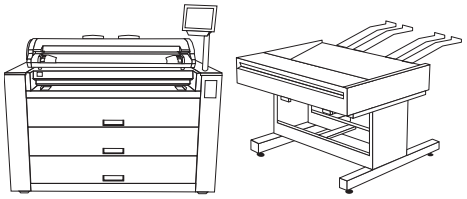


System Includes:

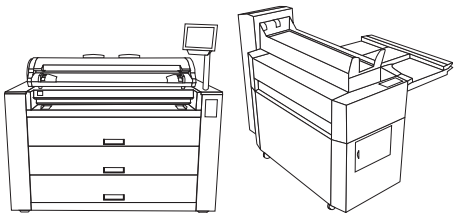
- ✓ **KIP 9900 Printer**
- ✓ **KIP 600A Scanner**
- ✓ **KIP 9900 IPS**
- ✓ **Direct Copy Software**
- ✓ **Scan-to-file Software**
- ✓ **KIP PrintNET Web Printing and Queue Management Software**
- ✓ **KIP Request Network Printing Software**
- ✓ **Microsoft Certified KIP Windows Driver**
- ✓ **KIP AutoCAD Driver**

System Options:

- **PDF Printing Keycode**
- **KIP 600 Original Receiving Rack**
- **Print Receiving Rack**
- **KIP 1200 Auto Stacker**
- **KIP 1000 Stacker**
- **KIPFold**



KIP 9900 Network Printer with KIP 600A Scanner and Original Receiving Rack & KIP 1200 Auto Stacker



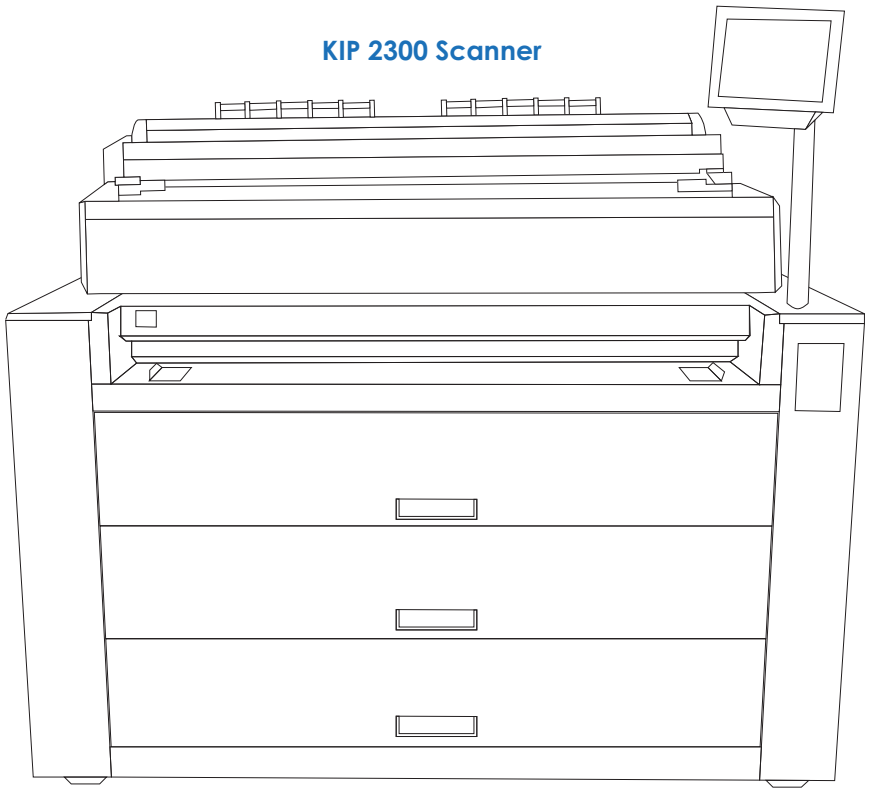
KIP 9900 Network Printer with KIP 600A Scanner and KIPFold System

Mono/Color Copy, Print & Scan System with 2300 Scanner

- ✓ **600 x 1200 dpi print resolution**
- ✓ **Digital printer/copier/scan-to-file system**
- ✓ **Integrated touchscreen operator panel**
- ✓ **KIP 2300 scanner features mono/color imaging capabilities**

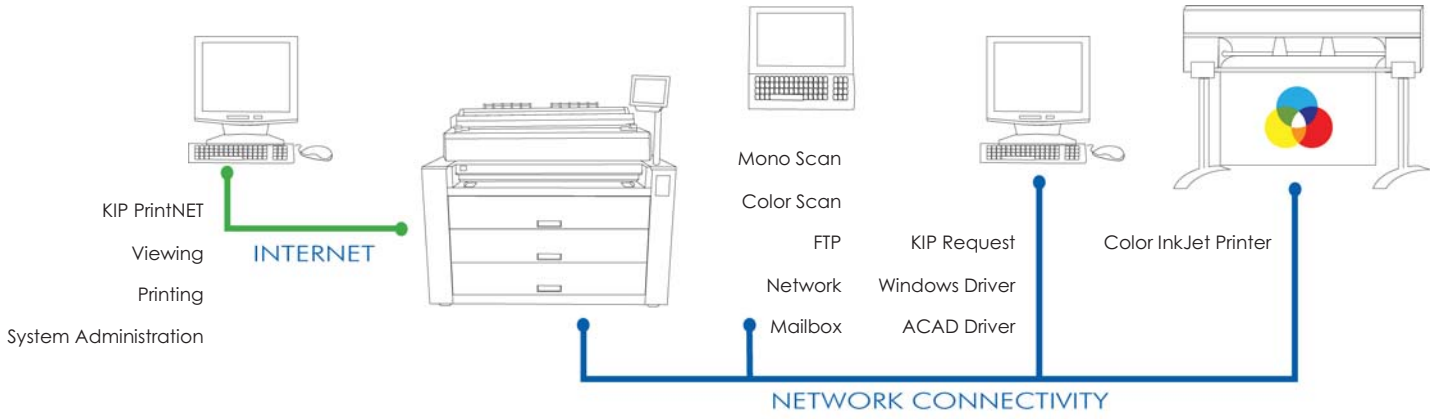
The system easily handles high demand monochrome and color scanning applications, providing the capability to scan any original into a variety of digital file formats for use at network PCs, or create color copies directly to inkjet printers. In addition, monochrome documents containing lines, text, grayscales and graphic images are quickly and accurately printed, copied or scanned.

KIP 2300 Scanner



KIP 9900 Printer

Mono/Color Copy, Print & Scan System Configurations

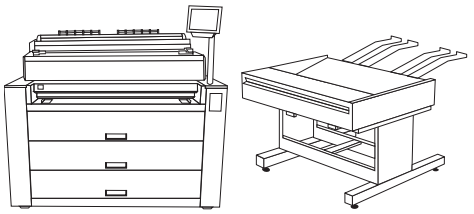


System Includes:

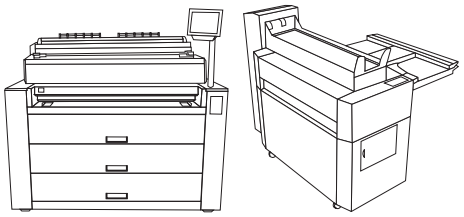
- ✓ **KIP 9900 Printer**
- ✓ **KIP 2300 Scanner**
- ✓ **KIP 9900 IPS**
- ✓ **Direct Copy Software**
- ✓ **Scan-to-file Software**
- ✓ **KIP PrintNET Web Printing and Queue Management Software**
- ✓ **KIP Request Network Printing Software**
- ✓ **Microsoft Certified KIP Windows Driver**
- ✓ **KIP AutoCAD Driver**

System Options:

- **PDF Printing Keycode**
- **KIP 600 Original Receiving Rack**
- **Print Receiving Rack**
- **KIP 1200 Auto Stacker**
- **KIP 1000 Stacker**
- **KIPFold**



KIP 9900 Network Printer with KIP 2300 Scanner and Original Receiving Rack & KIP 1200 Auto Stacker



KIP 9900 Network Printer with KIP 2300 Scanner and KIPFold System

Folding and Finishing

KIPFold 9900

The KIPFold 9900 communicates with KIP 9900 system software applications and drivers to provide easy workflow integration. The KIPFold 9900 provides the flexibility to fold copies and prints into all architectural, engineering and metric standard packet sizes.

Time is Money

Output from KIP printers is folded and stacked at full engine speed, allowing for easy document binding or distribution by mail. A reliable and durable belt stacking system ensures maximum packet capacity. Flat output stacking is included as a standard feature. Users may conveniently designate all fan and packet fold preferences at their workstation before printing.

Fold Styles and Output Orientation

KIPFold systems feature the flexibility to fold documents exactly as desired, regardless of the paper orientation. Prints are accepted in either landscape or portrait format, allowing for fast and efficient folding operations. In addition, users may specify the output orientation of the folded packet as it comes out of the KIPFold product.

Powerful Software Integration

KIP IPS software and application drivers provide a variety of advanced finishing options. Network and web based applications give users power over all fold parameters as well as the ability to select individual folding parameters at the workstation and store them as presets for future use. In addition, KIP Windows and AutoCAD Drivers feature full integration with all KIPFold system features.

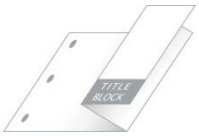
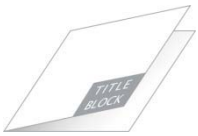
KIPFold 9900 Features:

- ✓ **Precise Document Folding Fully Integrated With KIP 9900 IPS**
- ✓ **Integrated With All KIP Software Including, KIP Request, KIP PrintNET and KIP Drivers**
- ✓ **Folds At KIP 9900 Print Speed**
- ✓ **Extremely Quiet Operation**
- ✓ **Online and Offline Document Folding Capabilities**
- ✓ **Touch Panel User Interface**
- ✓ **Compact Footprint**

Folded Packet Sizes - 8.5 x 11" or 9 x 12"

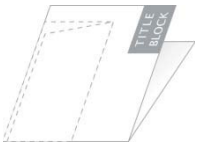
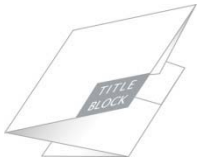
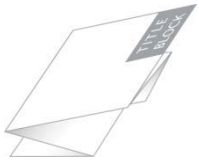
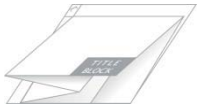
(metric sizes also available)

B size prints*—12 x 18" arch., 11 x 17" eng.

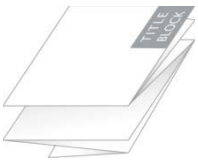
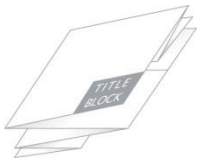
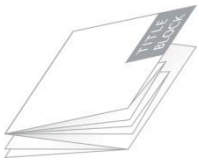
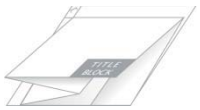
		
Book Fold; with margin	Book Fold; with margin	File Fold

**One B size packet format is applicable to each KIPFold system.*

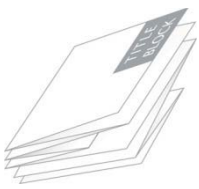
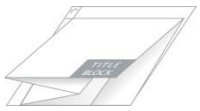
C size prints—18 x 24" arch., 17 x 22" eng.

				
Landscape Feed to Landscape Packet	Landscape Feed to Portrait Packet	Portrait Feed to Landscape Packet	Portrait Feed to Portrait Book; with margin	Portrait Feed to Portrait Staple Fold

D size prints—24 x 36" arch., 22 x 34" eng.

				
Landscape Feed to Landscape Packet	Landscape Feed to Portrait Packet	Portrait Feed to Landscape Packet	Portrait Feed to Portrait Packet; with margin	Portrait Feed to Portrait Staple Fold

E size prints—36 x 48" arch., 30 x 42" arch., 34 x 44" eng.

		
Portrait Feed to Landscape Packet	Portrait Feed to Portrait Packet; with margin	Portrait Feed to Portrait Staple Fold; with margin

KIP

Advanced Technology

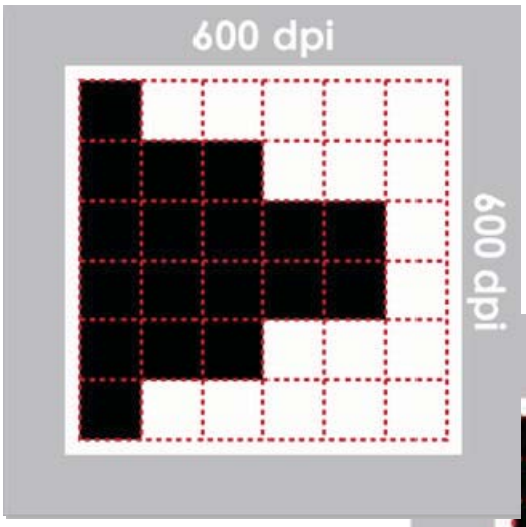
600 x 1200 dpi – High Resolution

New KIP 9900 systems feature crisp, 600 x 1200 dpi printing for **sharper details and extremely smooth grayscales.** This higher resolution allows the system to enhance curves, diagonal lines and arcs by smoothing out line edges with **excellent precision.**

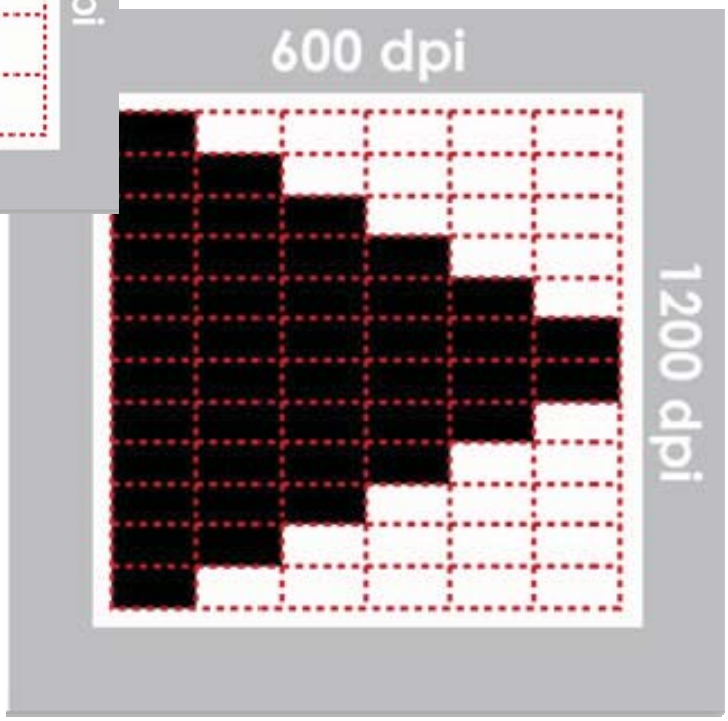
In addition, these new systems are able to generate delicate grayscale areas with subtle details and **accurately reproduce complex photos and graphic imagery.**

Benefits Description:

- ✓ **Smoother curves, diagonals and arcs**
- ✓ **Superb grayscales and halftone areas**
- ✓ **Technical document lines are extremely accurate**
- ✓ **Raster logos and graphic elements are realistically rendered**



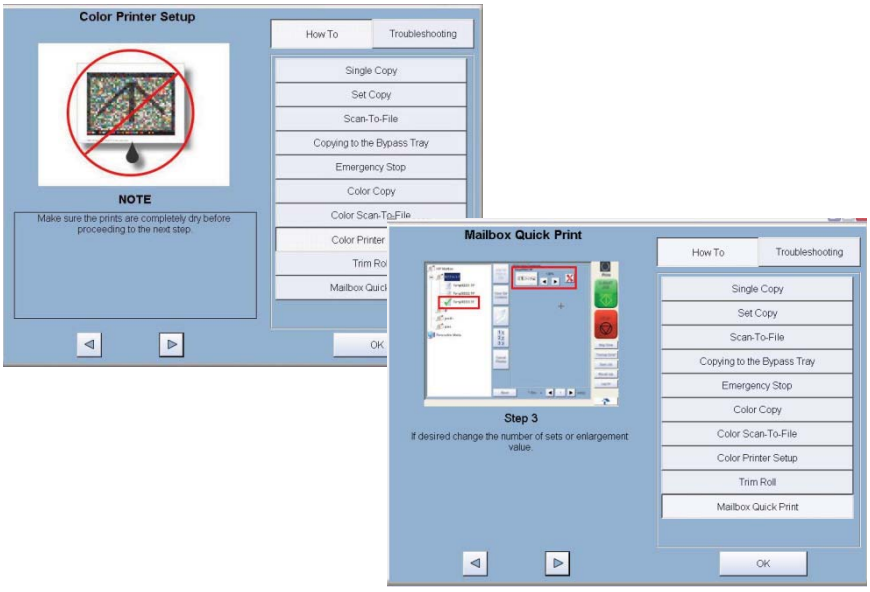
Older 600 dpi print technology



New improved 600 x 1200 dpi print technology

Illustrated Operator Guides

The touchscreen operator panel displays illustrated guides to explain system operations including mono/color copy and scan-to-file functions. These On-Demand guides also inform the operator of the status of installed media rolls and toner levels.



High Production HDP Plus

KIP solutions feature self-cleaning systems and comparatively few components, providing the benefit of dependability and minimal system maintenance. KIP 9900 series systems are capable of producing extended print lengths of over 100+ feet.

HIGH DEFINITION PRINT TECHNOLOGY
HDP plus

Benefits Description:

- ✓ **600x1200 DPI**
- ✓ **High definition line quality**
- ✓ **Distinctive grayscales and consistent solids**
- ✓ **Low maintenance**
- **Oil Free Fusing**
- **33% Less Consumable Parts**
- **Reliably Prints on Recycled Paper**
- **100% toner efficiency**

KIP 600A Scanner

The KIP 600 large format scanner is a 24-bit, 36" wide full-color image capture system perfect for processing photographs, complex maps, and AEC/ CAD drawings. The KIP 600A scanner provides unparalleled scanning speeds of 7ips (monochrome) and 3ips (full-color) when scanning at 400 dpi.

The KIP 600A CIS (Contact Image Sensor) technology scanning method enables high-resolution, high-speed image capture with energy saving operation in a light and compact design. The KIP 600A color & monochrome scanner delivers large-format scanning and copying functionality with world-class scanning speeds and unbeatable image accuracy.

Key Features:

- **36" Wide**
- **Face-up document scanning**
- **True 600x600 dpi optical resolution**
- **CIS scanning technology—high definition scans**
- **No folded optics—No warm-up time**
- **Scan speeds up to 7ips (monochrome) & 3ips (full-color) at 400dpi**
- **0.1% scanning accuracy**
- **High-resolution, High-speed user-friendly operation with smart energy usage for maximum environmental conscientiousness**
- **High Definition scanning that advances graphical image capture possibilities**

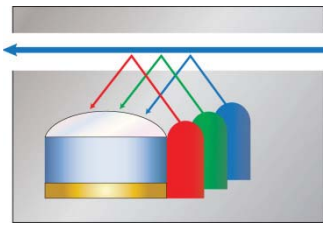
KIP 600A Scanner Benefits:

- ✓ **High-speed and high-resolution maximizing CIS performance**
- ✓ **High-resolution scan with 600dpi optical resolution**
- ✓ **High-speed scan, Monochrome 8 seconds, Color 29 seconds for full color graphic 'D' Size original**
- ✓ **High speed stand-by, ready in less than 10 seconds**
- ✓ **Outstanding environmental performance**
- ✓ **Compact & Lightweight**
- **Compatible with Energy Star program & RoHS**

Benefits of CIS Scanning Technology

Sharp Image Scanning

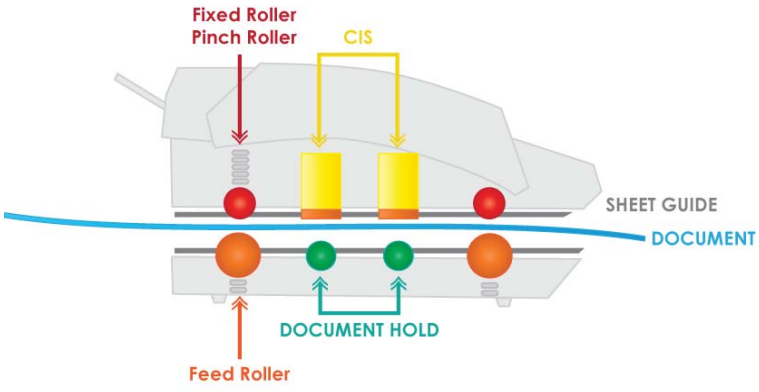
The KIP 600A scanner provides 600dpi optical resolution, allowing high resolution and high-quality scanning. The scanner is ready for operation a maximum of 10 seconds after power on, meeting environmental compliancy standards. Power consumption is 5w or less when in power save mode.



CIS technology features a series of Red, Green and Blue lights that illuminate in turn to capture image data related to each color.

Face Up Scanning System

Convenient, reliable face-up document loading makes it even easier to use the drawings and documents you want to convert into electronic format. Originals are loaded face-up, allowing you to monitor the actual scanned area you want to convert into electronic format. High-resolution and high-quality scanning is enhanced by KIP technologies that improve contact between the document and image sensor.



A specialized support system under the document enhances feed reliablility.

Full Color Workflow Integration

Based on true 600 dpi optical resolution and 24-bit color imaging technology, KIP 9900 systems provide the capability to scan full color technical documents, maps, posters and photos into a variety of file formats for E-mail, archive and print purposes.

KIP 2300 High Production Scanner

The new KIP 2300 high productivity scanner sets a uniquely high standard for speed, quality and flexibility in a digital image capture system.

Best in class productivity is achieved by a combination of advanced camera based image capture and new KIP Tru•Speed Technology for high speed data throughput with no system pauses or slow downs.

Outstanding image quality is delivered through the innovative use of bright white LED light sources for illumination and 600 x 600 dpi image capture resolution.

The KIP 2300 is a high speed scan solution that provides world-class workflow flexibility through its ability to scan face up or face down and scan thick mounted originals and loose sheets of paper from a single unit.

KIP Color Pro

KIP Color Pro software provides an extensive professional grade imaging feature set with automatic modes and fine controls for all original types. Automatic-copy using KIP Color software provides maximum quality at the touch of one button.

KIP Color Pro software supports all KIP IPS systems and virtually all inkjet printers. You can connect multiple KIP printers, enabling multiple configuration possibilities to create an optimized workflow solution. This approach conserves floor space and resources while providing the flexibility for future system upgrades.

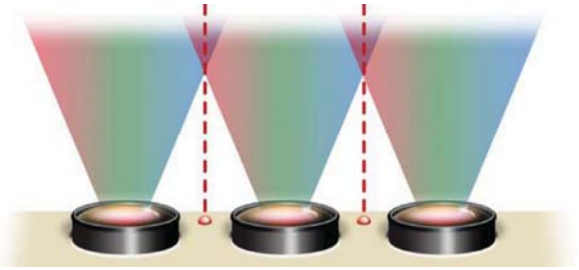
KIP 2300 Scanner Benefits:

- ✓ **Rigid /thick stock support with automatic tension adjustment and front document assist tray.**
- ✓ **User selectable scanning modes – automatic or production.**
- ✓ **High speed data transfer featuring KIP Tru-Speed technology.**
- ✓ **Three independent tri-linear CCD imaging cameras with an advanced single lens design**
- ✓ **Distinctive white LED original illumination system for consistent image capture**
- ✓ **Visual operator feedback system for stream-scanning**
- **Compatible with Energy Star program & RoHS**

Versatile Camera Imaging

The KIP 2300 Color Scanner Solution can support both monochrome and color scan-to-file and copy to satisfy most application needs. When scanning to file, users have advanced software controls over image quality; when copying, a closed loop calibration system adjusts output to the exact inkjet device being used for output, ensuring maximum copy quality.

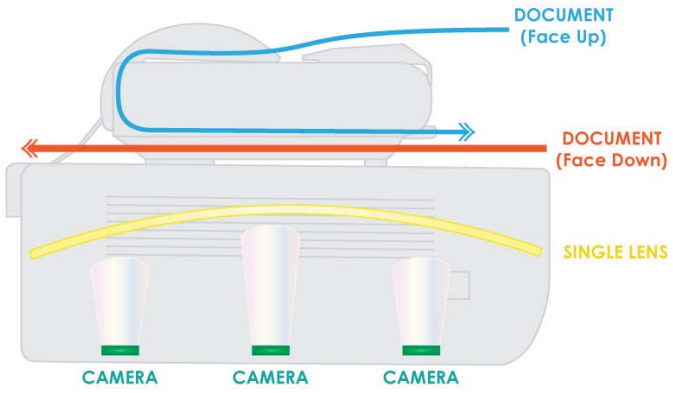
The KIP 2300 scanner is powerful, with image capture speeds from 5 ips to 15 ips in monochrome (dependent on dpi) and 2 to 6 ips in color. The image capture area is up to 36 in. wide, yet originals up to 42 in. wide may be fed through the scanner.



Three independent imaging cameras with an advanced laser alignment system and self calibrating diagnostics provide an extraordinary level of quality

Flexible Scan System

600 dpi optical resolutions is the key to the KIP 2300 Color Scanner's outstanding imaging capabilities. In addition, the KIP 2300 Color Scanner takes full advantage of patented (Real Time Thresholding) and self calibrating imaging cameras to ensure high quality results. To optimize image size for intended use, users can select custom resolutions, for example 72 dpi for website and PC monitor displays and 300 for offset press work



Three independent imaging cameras with an advanced laser alignment system and self calibrating diagnostics provide an extraordinary level of quality.

KIP Tru•Speed Technology

The technology used in KIP Tru•Speed scanning provides an image data transfer rate of 2.3GB per second, ensuring high productivity for the most complex full color documents. Originals are imaged at maximum speed with no scanning slowdowns or pauses, as found in all competitive scanning systems. KIP Tru•Speed scanning delivers full color, high speed imaging for the most demanding production environments.

- ✓ **Faster than any other competing image transfer technology**
- ✓ **190 times faster than USB 1.0!**
- ✓ **4.8 times faster than USB 2.0!**
- ✓ **2.9 times faster than Firewire!**
- ✓ **Scan documents at full speed and full resolution**
- ✓ **No scanning pauses or slow downs**

KIP 7.0 - Complete Software Solution

KIP 9900 systems feature the most complete software solution designed specifically for wide format document management.

The modular design of KIP applications enables every organization to take advantage of print job creation and submittal tools via a web browser, PC or the KIP IPS touchscreen. Administrators, Project Managers and IT professionals have the flexibility to print to any KIP system or provide printing access to external locations through the internet or corporate intranet. Each core KIP application has new features that deliver significant productivity gains, strict security standards and heighten operational efficiency.

Touchscreen Controls

The integrated KIP touchscreen operator panel provides the ultimate in copy, scan and print technology right at your fingertips. KIP systems eliminate the need for additional PC hardware by printing documents from removable media such as standard USB drives, network drives, & scan mailboxes directly from the touchscreen interface.

KIP Software Features:

- ✓ **Ultra fast file processing speeds**
- ✓ **Simple Installation**
- ✓ **One step WYSIWYG viewing, panning and zooming of supported file formats**
- ✓ **Two-way real time printer status contains roll and media information within each KIP driver**
- ✓ **Internet browser based management and printing**
- ✓ **Unified accounting for copy, print, and scan functions**
- ✓ **Recall, modify, and reproduce past print jobs**
- ✓ **Automated E-mail reporting for printer status, meter readings, and accounting usage sent to a PC, PDA, or cell phone**
- ✓ **Active job accounting, capable of emailing the end user job printing reports at particular time intervals**

KIP IPS Software

KIP IPS Software is a powerful, user-friendly suite that provides an unlimited amount of users with ultra-fast file conversion. The uniform user interface, allows all KIP wide-format printing, scanning, copying and paper folding systems, maximum productivity.

Web Based Printing

KIP PrintNET Client

KIP PrintNet is a web-based printing utility that allows users to manage the print queue and designate files for printing from Windows, UNIX and Mac based internet browser applications.

Network Printing

KIP Request

KIP Request is a simple feature rich user interface that provides Windows based workstations with a quick and easy way to print single copies or collated sets through a network. KIP Request software provides unlimited seating with no license or maintenance fees.

Queue Management

KIP PrintNET Enterprise

This advanced utility allows for a variety of print queue controls including print job recall and re-submission. A customizable digital work order tool allows decentralized users to request prints from reprographic service companies via internet or central print rooms via intranet.

Client Solutions

Utilize a standard web browser to print to any available KIP system on a corporate intranet or over the internet. Image preflight, file management, job creation, accounting standards and system settings are all available to authorized users. Alternatively, KIP provides a full featured PC based printing application for users who prefer to submit jobs via FTP or corporate network with the same feature set as the web based client.

Enterprise Solutions

Designed exclusively for use over a web server, KIP provides a digital work order application allowing end users to send color & monochrome print-ready files to reprographic firms. In addition, this feature gives large organizations the flexibility to share documents with subcontractors and vendors even if no KIP system is present.

PDF Printing

PDF & Postscript

The PDF printing option from KIP provides users of KIP printers with the power to quickly and effectively interpret complex PostScript® and PDF files into correct wide format prints. This option allows for batch printing of multiple PDF, EPS and PS file formats with a click of the mouse.

Print Drivers

KIP Windows Driver

The KIP Windows driver supports 64 bit monochrome Windows printing, features include set collation, fast spooling for multiple copies or sets, data tracking for job accounting, media selection & folding features.

KIP AutoCAD Driver

KIP's integrated AutoCAD driver enables printing directly from AutoCAD applications. The KIP AutoCAD drivers offer unique data tracking by username and job number as well as advanced vector/raster print data control.

Features:

- ✓ **The integrated PrintNET viewer displays accurate graphics, photos and fine lines**
- ✓ **User name and password authentication system designed for maximum network security**
- ✓ **Apply printing preferences such as stamping and enlargement/reduction on a per-file basis or to a complete print job**
- ✓ **Accurate individual, departmental and project specific accounting information**
- ✓ **Integrated for use with all Web Browsers, including Windows Explorer, Apple Safari and Mozilla applications**
- ✓ **Operates independently of client operating system, even in mixed environments!**

KIP 9900 Printer Specifications

Print Technology	
Technology	KIP High Definition Print Technology
Resolution	True 600 x 1200 DPI
Exposure	Organic Photoconductor – Aluminum Core
Fusing Technology	Heat & Pressure Fusing Unit
Fusing Temperature	330 ° Fahrenheit (165 ° Celsius)
Toner	Add while printing for continuous production
Toner Efficiency	100%. No waste
Charge Unit	Self maintaining corona unit
Operator Feedback	Full color illustrated operator guides
Productivity	
Print Speed	22 D-size prints/min.
First Print Out Time	12.5 seconds for E-size
Start Up	Automatic or timed power on/off
Media	
Media Source	4 rolls (500 feet/roll) plus sheet bypass
Media Capacity	6,000 square feet
Media Cutting	Rotary cutter system with heavy duty brakes
Media Widths	Roll widths 11-36 inch
Media Types	Bond, vellum, translucent bond, film
Media Indication	On touchscreen interface
Media Trimming	Automatic trimming of loaded roll
Output Sizes	From 8.5" x 11" to 36" x 75'
Environment	
Dimensions	53" (W) x 39"(D) x 34"(H)
Weight	Approx. 881 lbs
Power Supply	220-240 VAC 16 Amps
Power Consumption	EPA ENERGY STAR qualified
Noise Level	Standby 55 dB(A), Run 70 dB(A)
Safety Approvals	TUV GS, CETECOM, CE, (c) UL, FCC

The Color of KIP is Green

KIP's large format printers and scanners are entering the world market becoming more energy efficient, lower in emissions, recyclable, with greater efficiencies. KIP's product range of printers and scanner meets the demands of engineers, architects, manufactures, contractors and reprographics industries to achieving their environmental goals. KIP considers the total product life cycle - from the manufacturing process to final device disposal in our shared ecosystems.

KIP participates in numerous programs which take great consideration of environmental impact and protection. These programs include:

▪ ISO 14001 ▪ Green Procurement Initiative ▪ RoHS Compliant ▪ Energy Star ▪ Eco Mark

Reduced Energy Consumption

KIP is committed to product designs that promote **environmental health and sustainability.** Our goal is to consistently improve and refine the technologies in KIP products that keep our planet green.

The **award winning** printing and imaging technologies found within the new KIP 9900 systems enhance all print, copy and scan functions. The robust mechanical processes combined with advanced software integration provide reliable document production, while decreasing operator effort and **lowering overall ownership costs.**

Low Emissions - High Efficiency

- ✓ **KIP designs products to have ultra low ozone, noise, and dust emissions.**
- ✓ **KIP products all use a variety of sleep modes and power usage timers to best suit your office workflow and reduce power consumption.**
- ✓ **During operation, the power consumption of KIP products is one of the lowest in the industry thanks to "efficiency in design".**
- ✓ **KIP's manufacturing processes have reduced electricity consumption alone over 33% in the last four years, all while increasing productivity.**

Reduce Waste

- ✓ **KIP's HDP technology produces no waste toner, no waste receptacles or the disposal of unusable by products.**
- ✓ **KIP uses no metallic based developers or rare earth magnets in our ecofriendly print process.**
- ✓ **Automatic "best fit" roll media selection, image rotation, and "clip to image size" helps reduce media waste**
- ✓ **KIP self monitoring systems with highly intelligent and user friendly software ensure that your images are produced correctly the first time, minimizing waste.**

Reuse & Recycle

- ✓ Polypropylene KIP toner cartridges which are easily recycled.
- ✓ Recycled paper can be utilized without impacting image quality or reliability.
- ✓ Product packaging uses recyclable materials and materials that have less impact on our ecosystem. For example air filled cushion chambers or recycled shredded paper is used rather than foam chips or petro based packing products.
- ✓ KIP products can be remanufactured and over 97% of each total systems parts can be recycled to reduce any landfill

Space saving - Upgradable Designs

- ✓ All KIP models use a modular, compact design to reduce the overall spatial footprint.
- ✓ KIP system upgrades include scalable electronic means without incurring additional transportation, packaging, and handling.

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