KIP 8000 Series

Starprint printers and scan-to-file systems

KIP 8000 Series
## Starprint printers and scan-to-file systems

ECONOMICAL OPERATION

KIP 8000 Series printers operate without waste toner or conventional cleaning systems. This environmentally friendly feature allows for lower toner consumption and 100 % toner efficiency.
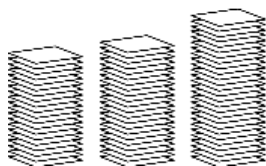
NON-STOP PRINTING

System toner and media may be replaced without interrupting print production ensuring continuous non-stop operation.
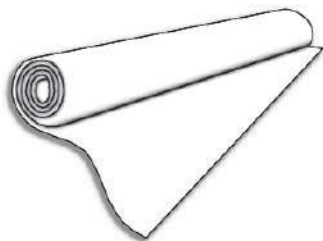
SUPERIOR PRODUCTIVITY

With a print speed of 22 'D' size prints/minute, the KIP 8000 is the fastest wide format printing system available today.
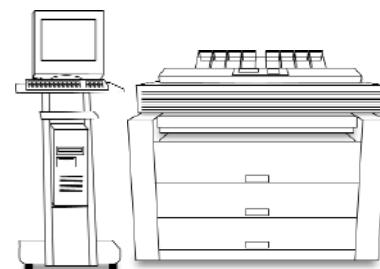
INCREDIBLE VERSATILITY

Available as a network printer or a full scan-to-file (STF) system with either an embedded or external print controller. In addition, the KIP 8000 STF system may be configured as either a space saving single footprint system, or a dual footprint system designed for enhanced productivity.
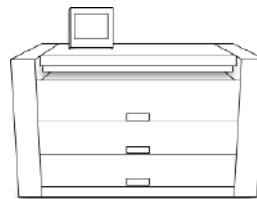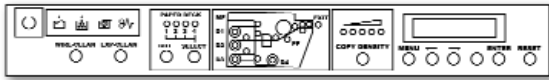
Network Printer

Single Footprint STF

EASY-TO-USE

Intuitive display provides operator with installed media information and system status.

**HDP plus**

HIGH DEFINITION PRINT TECHNOLOGY

HIGH DEFINITION PRINTING

Reduced dot size, high print resolution and image smoothing technology (IST) provide exceptional quality, high definition lines, distinctive grayscales and consistent solid areas.

KIP HDP technology enables the KIP 8000 Series to provide:

- 200 lines per inch (lpi) vertical and horizontal resolution
- ≤.0025" dot size
- ≤.0025" one pixel line width
- 400 x 400 dpi

200 lpi   ≤ .0025"
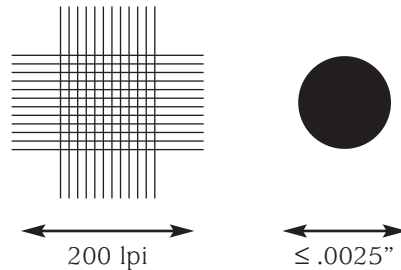
EXTRAORDINARY QUALITY

KIP Image Smoothing Technology (IST) adds additional image data, where needed, between dots to produce visually superior grayscales, diagonals and curved lines.

Conventional Printing   IST Technology
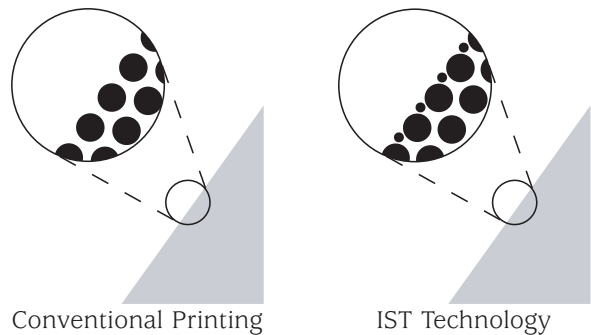
Dual Footprint STF

KIP 8000 Series

NETWORK PRINTER

SUPERIOR PRODUCTIVITY

At an astonishing print speed of 47 feet per minute (22 'D' size/min), the KIP 8000 is the fastest wide format digital printer available today.

Concurrent digital print and scan

The KIP 8000 processes and prints network jobs while an operator scans documents to file, increasing total system performance.

Media/toner replacement indication

Provides operators with real time status information, displaying current media and toner system levels.

Cut-sheet automatic feeding system

Integrated 'C' size automatic cut-sheet feeder provides expanded versatility for handling job separator sheets and specialty media.

Automatic maintenance systems

An auto cleaning LED print head, dual main charge system and maintenance free media cutter result in longer intervals between maintenance visits for increased productivity.

EXTRAORDINARY QUALITY

Calibrated LED head design

The print head design involves the individual calibration of all LED pixels. This unique process delivers a smoother and more consistent image quality for fine lines, grayscales and graphics.

Contact toner system

The non-magnetic, mono-component KIP 8000 toner technology provides 100% toner efficiency, without unnecessary carriers, developers or waste receptacles to purchase or replace.

Image smoothing technology

Using advanced data matching algorithms that examine the print data, IST enhances grayscale diagonal and curved line output to ensure optimal image quality with every print.

ECONOMICAL OPERATION

The contact toner system combined with expanded duty cycles and 100% toner efficiency results in long lasting, low cost productivity.
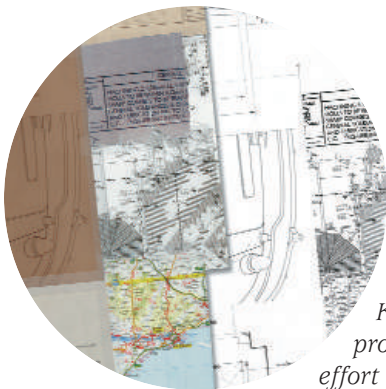
KIP 2000 SERIES SCANNERS

The KIP 2000 Series STF scanners are a range of highly advanced, wide format image capture devices that deliver outstanding performance and quality. A choice of four scanners covers the full range of production demand. KIP scanners are designed to make precise image capture a fast, streamlined process regardless of original image quality.

SCANNER FEATURES

- A range of scanning speeds from 2.0-12.8 ips
- Internal memory for sets copy applications
- Touch screen interface and intuitive controls
- Imaging quality that sets a new industry benchmark
- Mode memory stores up to 10 user defined settings
- Direct connection from KIP scanner to KIP printer forms powerful modular copy systems
- Excellent connectivity options, including SCSI and TWAIN compatibility, plus a wide array of software applications
- Walk-up scan-to-file software provides an easy to use interface including DPI, image settings and zoom adjustments at the scanner touch screen

REAL TIME THRESHOLDING

Real Time Thresholding (RTT) technology automatically determines the threshold levels for each original, saving time and effort. KIP RTT technology automatically adjusts the threshold levels on a standard 'D' size document over half a million times per scan!
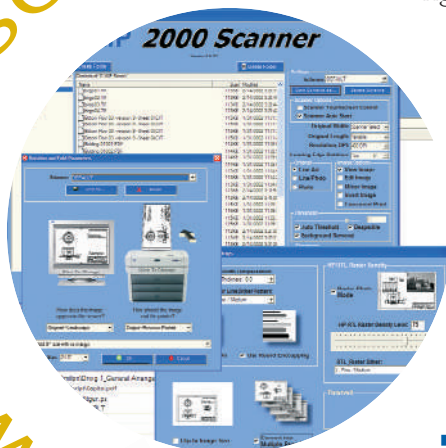
A sample original, comprising a variety of difficult images, scanned in a single pass using a KIP 2000 Series scanner in fully automatic mode. KIP's revolutionary Real Time Thresholding process guarantees excellent results with minimal effort and no impact on file size.

KIP 8000 Series

KIP POWERPRINT SOFTWARE

The Powerprint Software Suite brings the full power of KIP Systems right to the users desktop, providing complete control over all aspects of scanning, printing and print administration.

SOFTWARE FEATURES

- Modern and intuitive graphical user interface
- Unlimited software site license
- Live printer status updates
- All standard CAD and raster formats supported
- Simultaneous print and scan
- Advanced AutoCAD, Windows and TWAIN drivers
- Web or network based print queue management including comprehensive accounting reports
- Simple printer connectivity via IP address, computer name or through the server based KIP Windows Driver

POWERPRINT SOFTWARE INCLUDES

- Powerprint Request provides user job submission, instant file viewing and displays print queue status.
- Folding parameters can be applied to individual files or to a set of documents.
- Advanced dithering and grayscale controls let operators keep pace with the latest CAD applications.
- Scan to PDF file format as a standard software feature.
- Auto copy mode for expanded productivity and ease of use.
- Auto maintenance functions ensure consistent copy quality and an expanded duty cycle.
- Optional Powerscript[3] software provides Postscript Level 1, 2 & 3, and Adobe PDF printing support.
- Optional Imagenation Scan, View, Markup and Edit software features scanning, image editing, file viewing, and markup capabilities.

The Powerprint RIP maintains the rated speed of KIP printers even while processing the most complex digital job submissions from a network or portable media.

NETWORK FILES

High Speed File Processing

PORTABLE FILES

KIP PRINTERS
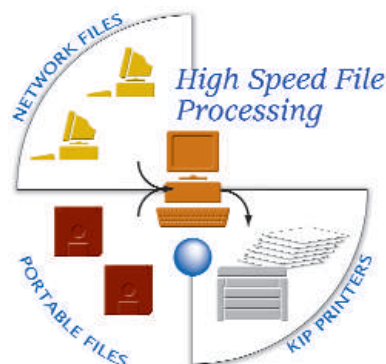
KIP 1000 STACKER

The KIP 1000 stacker is a convenient and cost effective stacking system for 'A' to 'E' size prints. Up to 1,000 mixed size prints on bond, vellum or film are effortlessly collected on this portable stacker.
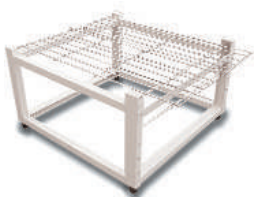
KIP 1200 STACKER

The KIP 1200 stacker is an intelligent, online print stacking system designed for the KIP 8000. Infrared signals from the printer inform the stacker of system status information, and turns the stacker off when jobs are completed. The KIP 1200 stacker is capable of stacking up to 1,000 mixed size prints and features a small footprint for added convenience.

KIPFOLD 8000

The KIPFold 8000 online folding system communicates directly with KIP 8000 series printers, and may be controlled through the folder touch screen or Powerprint software. The system comes standard with packet and book folding capabilities up to 8 feet in length and fan folding up to 20 feet in length. The folder offers an output tray that stacks up to 150 + folded documents for collated sets. The system also includes a print stacker for unfolded documents, fanfolds, and overlengths.
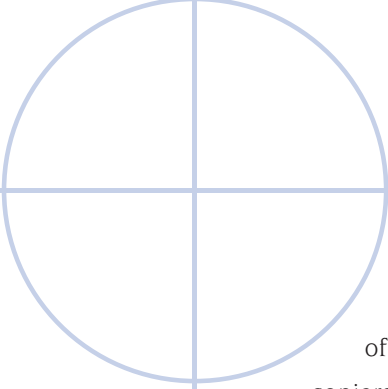
KIP 1000 Stacker   KIP 1200 Stacker   KIPFold 8000

KIP America manufactures the most comprehensive line of wide format digital imaging copiers, printers and scanners in the world. Systems designed to meet the demands of the architectural and engineering communities. Modular in concept to grow as you grow. World-class in quality. Unparalleled in performance. Whether you're a local company in a global market or a global company in a local market, KIP systems give you the power and confidence to compete.

KIPAmerica
translating technology into productivity

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8000 Series Printer Specifications

KIP

Technology	LED printer with KIP HDP Plus Technology
DPI	400 x 400
Dot Size	.0025"
One Pixel Line	.0025"
Speed	22 'D' size per min, 9.4" / sec. 47'/min
Media	4 roll (500') with automatic cut sheet feeder (50 sheets) and manual sheet feed bypass
Media Tray	See Options
Warm-up	Instant from standby 6 minutes from cold startup
Output	Minimum: 8.5" x 11" Maximum: 36" x 75'
Media Types	Bond 18-24 lb, Film 3 mil., Vellum 16-20 lb
Dimensions	53" (W) x 39" (D) x 34" (H)
Weight	881 lbs
Power Consumption	Low Power (sleep mode) 100W Standby 630 W Printing 2.45kW
Electrical Requirements	220-240V, 16 Amps
Acoustic Noise	Standby: 55dB, Printing: 70dB
Safety Approvals	UL, UL-C, FCC Class A

Starprint 8000 Printer

The KIP 8000 Series, part of the Starprint Family of Printers and Scan-to-File Systems is the world's fastest wide format LED printer. It offers exceptional print quality with KIP High Definition Print Technology. The KIP 8000 operates at a constant speed of 22 'D' size or 47'/min. True concurrent scanning and printing lets you scan and prepare jobs in advance while spooled jobs are processed and printed. Paper rolls and toner bottles may even be changed while the machine is still operating. By adding a KIP scanner, the 8000 series printer may be easily upgraded to a powerful digital copying, scan-to-file and network print management system. (model 8050 STF, 8080 STF, 8120 STF, 8160 STF, 8200 STF) Please refer to the KIP Scanning Systems section for scanner specifications.

Features

- ➢ Print and scan-to-file simultaneously
- ➢ Multiple prints up to 999
- ➢ Automatic file detection
- ➢ Automatic roll selection/switching
- ➢ Ultra-fast file processing on the controller
- ➢ Pen management and dithering control
- ➢ Remote diagnostics

Powerprint Embedded Controller

Platform	KIP Powerprint software with Windows XP
Network Protocols	TCP/IP, NetBEUI (smb), Novell (IPX/SPX), LPR/LPD
File Formats	HPGL 1/2, HP-RTL, Calcomp 906/907, CALS Group 4, TIFF Group 4, PCX, Intergraph CIT/TG4, Versatec Color Graphics (VCGL), Uncompressed Grayscale TIFF, TIFF Packbits, IBM IOCA, EDMICS, TLC (KIP), PNG, JPEG
Optional File Formats	ATA Complaint CGM Postscript level 3 for EPS, PS, and PDF

KIP 1000 Super Stacker

This heavy-duty print stacking system is capable of holding up to 1000 'E' size prints. Complete with casters for mobile operations.

KIP 1200 Auto Stacker

This heavy-duty print stacking system is capable of holding up to 1000 'D' size prints. Infrared communication with printer enables operations.

KIPFold 8000

The online/offline KIPFold 8000 folding and finishing system is configured to the specific print speed of the KIP printer. The system comes standard with 8.5" x 11" packet and book folding capabilities up to 8 ft. in length and fan folding up to 20 ft. in length. The folder offers an output tray that stacks up to 150+ folded documents for collated sets. The system also includes a print stacker for unfolded documents, fanfolds and overlengths.

All-in-One Control Center

The All-in-One Control Center gives users immediate access to the print queue and all printer functions, depending on their security level. This complete touch screen control center is a perfect solution for environments where the printer may not be near an external or STF PC, which is normally used to view the print queue or system status via the network. Regardless of where network PCs are located, the KIP All-in-One Control Center lets authorized users directly control the print queue, create print jobs and edit system settings right from the printer!