

# KIP



**KipStar 4000**

---

**KipStar 5000**

---

**KipStar 9000**

---

**WEB-ENABLED PRINTING SYSTEMS**



## KIPSTAR WEB-ENABLED PRINTERS: OPEN THE DOOR TO TRULY INTEGRATED, CROSS PLATFORM WIDE FORMAT PRINTING

### Uniform, cross-platform print access – CAD printing has never been this easy

At the heart of all KipStar printing systems is a sophisticated built-in web server, allowing networked users to access its powerful print facilities with nothing more than a standard web browser such as Netscape® Navigator® or Microsoft® Internet Explorer®.

The advantages of this approach speak for themselves, opening the way to truly integrated, cross-platform network printing and giving your staff a common print access tool with a uniform interface – regardless of workstation platform.

For AutoCAD® users, advanced KIP ADI and HDI drivers give users direct access to KipStar printer facilities.

### Web-based print submission: give your users the control they need

KipStar printers give networked users easy access to powerful print submission tools, all designed for efficient and pain-free printing over busy CAD networks.

Use a standard web-browser to submit jobs as individual files or as collated sets with full control over all parameters including pen tables, media, priority, stamping, finishing and banner sheet separators.

Once files have been submitted, remote job monitoring lets you view print status (pending, active, done or error), or remove, modify and resubmit queued jobs. You can even select previously printed jobs for quick and convenient reprinting when you need them.

### Comprehensive web-based print administration and management

The advantages of KipStar web-based print access don't stop with print submission.

KipStar printers equip your users and administrators with an array of sophisticated but easy-to-use printflow monitoring, management and administration tools – all available via their own web browser with no special utilities or software clients needed. Efficient print monitoring and management has never been simpler.

The KipStar's built-in web server also allows secure access to the printer's facilities by remote support staff, allowing them to diagnose and resolve technical issues with speed and efficiency.

### WEB BASED PRINTING

#### key features

- ✓ platform Independent printing
- ✓ no software to be loaded
- ✓ simple, browser-based submission
- ✓ control over pen tables, number of copies, media, folding, stamping, priority, banner sheet printing
- ✓ print multiple files as collated sets
- ✓ full print queue monitoring & print job status
- ✓ job removal for modification and resubmission
- ✓ reprint previous jobs
- ✓ email notification on job completion
- ✓ ADI and HDI drivers
- ✓ secure remote maintenance access
- ✓ web-based print accounting

**KipStar 4000**

**KipStar 5000**

**KipStar 9000**

WEB ENABLED PRINTING SYSTEMS

**T**HE NEW RANGE OF KIPSTAR WEB-ENABLED PRINTING SYSTEMS IS BASED ON A SIMPLE PRINCIPLE: DELIVERING UNCOMPROMISED PRINT PERFORMANCE TO EVERYONE ON YOUR CAD NETWORK IN A HIGHLY COST-EFFECTIVE, PAIN-FREE PACKAGE. INTEGRAL WEB-SERVERS GIVE USERS FULL ACCESS TO KIPSTAR PRINT FACILITIES USING NOTHING MORE THAN THEIR EXISTING WEB BROWSER – SIMPLE, EASY TO USE AND HIGHLY COST-EFFECTIVE. THIS EASE OF USE, COUPLED WITH UNRIVALLED PRINT ENGINE PERFORMANCE GIVES THE KIPSTAR RANGE OF PRINTERS A UNIQUE ADVANTAGE IN EVEN THE MOST DEMANDING CAD ENVIRONMENTS.



**KIP**



## HIGH PERFORMANCE PRINTING SOLUTIONS FOR DEMANDING CAD WORKGROUPS



The KipStar range of web-enabled printers is all about giving you choice & flexibility in selecting the most cost-efficient print solutions for your business. Combine the sheer simplicity of browser-based print access with the wide selection of print hardware on offer and you have a range of print solutions in a class of their own, delivering outstanding performance and value.

### KipStar 4000

#### High speed & compact mid-volume web-enabled CAD printing system

A high performance 4 A0/min network printing system designed to integrate seamlessly into demanding CAD network settings. Powerful automation features, top image quality and scanner upgrade options deliver unmatched performance and flexibility in its class.



- printing via standard web browser
- 4 A0 prints per minute at 400dpi
- 2 media rolls with full autoswitching
- user feedback of printer status and print queue information
- PC and Unix clients for complex job building
- scanner upgrade options available
- folding and stacking options

### KipStar 5000

#### High speed, mid-high volume production printer

Simple operation and powerful production performance characterise this workhorse printing system. 5 A0/min output from 3 fully automated rolls handles the most demanding workflows. A choice of scanner upgrades are available for powerful digital copying, scan-to-file and print management.



- printing via standard web browser
- 5 A0 prints per minute at 400dpi
- 3 media rolls with full autoswitching
- user feedback of printer status and print queue information
- PC and Unix clients for complex job building
- scanner upgrade options available
- folding and stacking options

### KipStar 9000

#### High speed, high volume production print system

Designed for the most demanding print room environments, the KipStar 9000 delivers outstanding quality output at 7 A0/min from 4 media rolls. A range of scanner upgrades are also available for the KipStar 9000, making it well suited to the widest range of high-demand business applications.



- printing via standard web browser
- 7 A0 prints per minute at 400dpi
- 4 media rolls with full autoswitching
- user feedback of printer status and print queue information
- PC and Unix clients for complex job building
- scanner upgrade options available
- folding and stacking options

## A CHOICE OF FOLDING & FINISHING SYSTEMS TO SUIT YOUR PRODUCTION NEEDS

### Efficient finishing solutions for every application

High-efficiency print finishing is an essential factor in reducing production bottlenecks – especially for high demand print facilities serving large CAD networks. With this in mind KIP offer a variety of print finishing options, letting you prepare printed output for collection and distribution just as it's needed and in the way that best suits your organisation.

A range of medium and high volume in-line folders for KipStar systems provide outstanding performance, reliability and flexibility – from simple, medium volume folding to full engine-speed finishing with punching, tab application and stacking for up to 400 folded prints.



### KIP FOLDING & FINISHING

#### key features

- ✓ high capacity flat stacking
- ✓ compact stacker
- ✓ full engine speed folding
- ✓ variety of fold patterns
- ✓ remote control from network
- ✓ high capacity folded stacking
- ✓ optional 12 metre fold length
- ✓ optional punching & tab application

### Efficient finishing solutions for every application

For applications where folding is not a requirement, KIP offer a choice of high-volume stacking solutions for optimum print room efficiency.

High capacity flat stacking for up to 1000 A0 prints provides a simple and effective means of handling the large numbers of prints generated by KipStar high volume printers. Alternatively, and for situations where space is at a premium, KIP's ultra compact vertical stacker provides capacity for up to 50 unfolded prints up to A0 size.



KipStar 4000

KipStar 5000

KipStar 9000

WEB ENABLED PRINTING SYSTEMS

KIP



## HIGH PERFORMANCE PRINTING SOLUTIONS FOR DEMANDING CAD WORKGROUPS



### KipStar 4000

#### High speed & compact mid-volume web-enabled CAD printing system

A high performance 4 A0/min network printing system designed to integrate seamlessly into demanding CAD network settings. Powerful automation features, top image quality and scanner upgrade options deliver unmatched performance and flexibility in its class.



- printing via standard web browser
- 4 A0 prints per minute at 400dpi
- 2 media rolls with full autoswitching
- user feedback of printer status and print queue information
- PC and Unix clients for complex job building
- scanner upgrade options available
- folding and stacking options

### KipStar 5000

#### High speed, mid-high volume production printer

Simple operation and powerful production performance characterise this workhorse printing system. 5 A0/min output from 3 fully automated rolls handles the most demanding workflows. A choice of scanner upgrades are available for powerful digital copying, scan-to-file and print management.



- printing via standard web browser
- 5 A0 prints per minute at 400dpi
- 3 media rolls with full autoswitching
- user feedback of printer status and print queue information
- PC and Unix clients for complex job building
- scanner upgrade options available
- folding and stacking options

### KipStar 9000

#### High speed, high volume production print system

Designed for the most demanding print room environments, the KipStar 9000 delivers outstanding quality output at 7 A0/min from 4 media rolls. A range of scanner upgrades are also available for the KipStar 9000, making it well suited to the widest range of high-demand business applications.



- printing via standard web browser
- 7 A0 prints per minute at 400dpi
- 4 media rolls with full autoswitching
- user feedback of printer status and print queue information
- PC and Unix clients for complex job building
- scanner upgrade options available
- folding and stacking options

The KipStar range of web-enabled printers is all about giving you choice & flexibility in selecting the most cost-efficient print solutions for your business. Combine the sheer simplicity of browser-based print access with the wide selection of print hardware on offer and you have a range of print solutions in a class of their own, delivering outstanding performance and value.

## SCANNER UPGRADE OPTIONS FOR THE KIPSTAR RANGE OF WEB-ENABLED PRINTING SYSTEMS

### DIGITAL COPIER UPGRADE

#### key features

- ✓ KIP Real Time Thresholding image processing delivers optimum results from difficult originals
- ✓ simple touchscreen user interface
- ✓ job programming
- ✓ set collation with sorting, set editing & nested printing
- ✓ automatic job interrupt and resume
- ✓ simultaneous scan & print
- ✓ 25–400% zoom in 0.1% steps
- ✓ user definable preset zoom settings
- ✓ mode memory stores up to 10 sets of user-defined job parameters

### Upgrade to full digital copying & print management for all your production needs

With KIP's modular system architecture you can simply add a KIP wide format scanner and transform your KipStar network printer into a powerful digital copying package.

KIP wide format scanners are designed entirely around the way you want to work. A range of productivity features provide easy, quick procedures for scaling and manipulating images, and for creating collated sets and multiple jobs. Coupled with true simultaneous scan & print and engine speed printing, KipStar copier/printers deliver outstanding performance for high-demanding print rooms.

And additional software options give you a cost-effective growth path to an even wider range of print management and administration facilities.



### SCAN-TO-FILE UPGRADE

#### key features

- ✓ KIP Real Time Thresholding image processing delivers optimum results with no file size penalty
- ✓ true concurrent scan-to-file and printing
- ✓ scan to file, drawing number, set, archive or workstation
- ✓ integral original stacking for drawings up to A0 size

### Harness the power of digital image distribution with a KIP scan-to-file upgrade

Take advantage of KIP's powerful image capture and distribution facilities with a scan-to-file upgrade for the KipStar printers.

With a KipStar scan & print system you have all the tools you need for streamlined, production volume image capture and distribution. Intelligent and highly automated image quality management combined with sheer speed and ease-of-use allow you to digitise and distribute large numbers of hard copy drawings with minimal effort and complete quality confidence.

Scan drawings to disk, to database, to archive or to any workstation on your CAD/EDM network using a set of sophisticated but easy to use software tools, freeing up the flow of information between the hardcopy and digital realms, enterprise-wide.



### KIP IMAGING QUALITY

#### key features

- ✓ KIP Real Time Thresholding image processing delivers optimum results from difficult originals
- ✓ no file size penalty; processed files are same size as standard scan
- ✓ automatic background removal
- ✓ automatic despeckle
- ✓ automatic exposure
- ✓ true 400x400dpi single pixel resolution for razor sharp definition
- ✓ consistent, solid blacks

### Outstanding image quality every time from any original

The KIP 2950 & 2980 digital reprographic systems employ the very latest digital image capture, enhancement and printing techniques to deliver what can only be described as outstanding performance, even under the most difficult production conditions.

KIP's revolutionary Real Time Thresholding (RTT) processing technology yields crisp, clean scanning results in real time from a wide range of difficult originals, and with no impact on scanned file size.

True 400x400dpi scan and print resolution ensures razor sharp results every time, with solid blacks and crystal clear line work for maximum legibility and clarity.



A sample original, comprising a variety of difficult images, scanned in a single pass in fully automatic mode on a KIP digital printing system. KIP's revolutionary Real Time Thresholding process examines the widely varying tonal information contained in original images and resolves it into crisp, intelligible black and white digital data, ensuring excellent results with minimal effort. And unlike competing technologies, KIP's RTT results in no file size penalty, with processed files being no larger than standard scans.

KipStar 4000

KipStar 5000

KipStar 9000

WEB ENABLED PRINTING SYSTEMS

KIP

## KIPSTAR PRINTER

- Output speed:**
- KipStar 4000: 80mm/sec, 4 A0/min
  - KipStar 5000: 120mm/sec, 5 A0/min
  - KipStar 9000: 160mm/sec, 7 A0/min
- Media feed:**
- KipStar 4000: 2 x A0 rolls with full auto-switching
  - KipStar 5000: 3 x A0 rolls with full auto-switching
  - KipStar 9000: 4 x A0 rolls with full auto-switching
- Print size:**
- A4 to 914mm x 16m
- Print resolution:**
- 400dpi single pixel

## KIPSTAR WEB SERVER CONTROLLER

- Admin & operation:**
- by integrated web server
  - full control over all functions
  - plotter status information
  - creation of new print jobs
  - set collation
  - job tracking & status monitoring
  - job removal for modification & resubmission
  - automatic email notification on job completion
  - previous job reprint
  - remote service
  - unlimited number of clients
  - accounting
- Network adaptor:**
- 10/100base-T autoswitch
- Network protocols:**
- TCP/IP with lpr/lpd, Apple Ethertalk, Novell IPX/SPX, NetBEUI, ftp
- Spooling cache:**
- 4.3GB
- Supported file formats:**
- TIFF uncompressed, TIFF groups 3 & 4, TIFF packbits, tiled & striped, TIFF 8-bit grey, HPGL 1/2, HP-RTL, CALCOMP 906/7, CALS, BMP, T6X, RLC, CIT PCX, Intergraph, JPEG, Postscript levels 1 & 2
- Optional file formats:**
- Postscript Level 3, PDF
- Auto CAD drivers:**
- ADI & HDI drivers for AutoCAD 13, 14 & 2000

## FINISHING OPTIONS

- Stacking:**
- flat sheet stacking for up to 1000 A0 prints
  - compact vertical stacker
- Folding:**
- full engine speed folding
  - A4 to 841mm x 3 or 6 metres (2.5m fan & cross fold)
  - DIN 824 folding and AFNOR like folding
  - stacking for up to 150 A0 folded prints
  - off line folding
  - flat stacking
  - PC link for network control of folding parameters
- Folding options:**
- 12 metre fan fold
  - 36" additional cross fold
  - high capacity flat stacking
  - double stacking belt for 400 A0 folded prints

## KIPSTAR SCANNER UPGRADE

- Scanning speed:**
- KIP 2050 scanner: 50mm/sec, 2.5 x A0 per minute @ 400 dpi
  - KIP 2080 scanner: 80mm/sec, 4 x A0 per minute @ 400 dpi
  - KIP 2120 scanner: 120mm/sec, 5 x A0 per minute @ 400 dpi
- Job Program:**
- feed in originals and pre-program how they should be output
  - up to 200 originals at one time (dependant on memory installed) with up to 99 copies from each
- Set collation:**
- up to 200 originals, 99 copies from each, in up to 16 different sets
  - set edit: insert, replace or delete individual drawings
  - scan as ABC; print as ABC or CBA
  - print as collated or sorted sets
  - print nesting
  - continuous print
  - check set: print test copy of each drawing as it's scanned in before running the set
  - interrupt set or programmed job for urgent print
- Interrupt:**
- Mode memory:**
- stores up to 10 sets of user-defined scanning or printing settings
- Recopy:**
- recopy last copy or set produced
- Concurrent scanning/printing:**
- scan to file whilst printing with no speed penalty
- Original stacking:**
- up to 50 original sheets
- Zoom:**
- 25%-400% in 0.1% steps
  - preset zoom (user definable)
  - independent X,Y adjustment
  - drawing size to drawing size (e.g. B1 to A0)
  - dimension to dimension (e.g. 1.6 metre to 2.4 metre)
  - auto zoom to paper size
- Original size:**
- A4 – 914mm x 16 metres
- Image enhancement:**
- KIP Real Time Thresholding
  - background removal, speckle removal, sharpness control, density control
- Photo mode:**
- 2 levels
- Image placement:**
- leading and trailing edge adjustment +/- 60mm
  - shift image left or right 900mm
  - centre image on paper
- Change image:**
- rotate 90 degrees, invert image, mirror image
- Stamping:**
- apply date in predefined format to selected prints



copying systems



scanning systems



printing systems



systems integration



support solutions

**KIP**  
A better word for imaging  
[www.kipuk.com](http://www.kipuk.com) [info@kipuk.com](mailto:info@kipuk.com)