The Faster, Smarter, More Efficient

KIP 900 | COLOR SERIES
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**KIP 900 | COLOR SERIES**

**Faster** The most advanced high demand wide format color print system, delivers consistent productivity.

**Smarter** Brilliant multi-tasking with KIP Smart multi-function touchscreen and KIP Image Pro software, which is intelligently integrated with all KIP Accessories.

**More Efficient** KIP 900 Series technology lowers operating costs.

**SIGNATURE FEATURES:**

**Productivity**
- Color Printing - 5,760 Sq. Ft. per Hour
- Black & White Printing 7,200 Sq. Ft. per Hour
- KIP ImagePro

**Design**
- 4 Roll with 7,800 Sq. Ft. Media Capacity
- High Capacity Toner Cartridges
- Professional Edge Alignment Stacking

**Configurations**
- High Demand Dual Footprint Design
- Production or Convenience Scanning
HIGH DEMAND
CONSISTENT PRODUCTIVITY

Engineered to deliver:

• Superb Print Quality
• Reliable Performance
• Efficient Operation
• Remarkable Value

The KIP 900 Color Series systems are designed for print centers that require high demand output, precise imaging and bold, expressive color fidelity.

KIP 900 Color Series systems produce amazingly vibrant colors, subtle tints and hues with unsurpassed color stability from the first to final print.

All prints and copies generated by the KIP 900 Color Series systems deliver the highest image durability and are fully lightfast; they will not fade or exhibit color deterioration from exposure to light over extended periods. The CMYK dry toner system employed by the KIP 900 Color Series produces 100% waterproof images that are suitable for outdoor applications, even in inclement weather.

The KIP 900 Color Series systems are a comprehensive wide format solution for a range of printing tasks spanning from architectural, engineering and construction documents — to maps, posters and signs — without sacrificing quality or performance.
High demand multi-touch color print system

KIP 970

Transforms High Demand Print Efficiency
- High demand network production print system
- 4 x 650 foot rolls
- 7,800 square foot media capacity
- 7,200 square feet per hour black & white productivity
- 5,760 square feet per hour color productivity
- High capacity toner cartridges
- 12” Smart System K multi-function touchscreen
- Professional edge alignment stacking
- KIP System K 2.0 with KIP ImagePro
- Robust build quality for maximum reliability

HIGH DEMAND
KIP 900 | COLOR SERIES
**Intelligently Accelerates Productivity**
- High demand multifunction production print system with KIP 720 CIS convenience scanner
- 4 x 650 foot rolls
- 7,800 square foot media capacity
- 7,200 square feet per hour black & white productivity
- 5,760 square feet per hour color productivity
- High capacity toner cartridges
- 12” Smart System K multi-function touchscreen
- Professional edge alignment stacking
- KIP System K 2.0 with KIP ImagePro
- Robust build quality for maximum reliability

**Brilliantly Advanced Multifunction Production Performance**
- High demand multifunction production print system with KIP 2300 CCD production scanner
- 4 x 650 foot rolls
- 7,800 square foot media capacity
- 7,200 square feet per hour black & white productivity
- 5,760 square feet per hour color productivity
- High capacity toner cartridges
- 12” Smart System K multi-function touchscreen
- Professional edge alignment stacking
- KIP System K 2.0 with KIP ImagePro
- Robust build quality for maximum reliability
High Demand KIP 900 Color Series

TECHNOLOGY HIGHLIGHTS

Consistent Productivity
- Single Pass Black
- Full Color

Professional Edge Alignment Stacker

Enhanced Drivetrain Performance

Page Accuracy

Expanded Media Capacity

High Capacity Toner Cartridges

Permanent High Definition Print Head

Quick Switch Technology

KIP ImagePro Print Management Suite

KIP ImagePro
KIP ImagePro is a single software solution designed to simplify every stage of color and black & white wide format workflow.

Consistent Productivity
High quality single pass black and full color images at consistent print speed. The KIP 900 Series technology lowers operational costs. Print image is lightfast, waterproof and does not smear when using mark-up highlighters.

Quick Switch Technology
Mixed print size sets at full production speed. The KIP 900 Color Series print technology eliminates roll switching delays for increased productivity.

Production Printing
The KIP 900 Color Series print systems offer superb high quality resolution at remarkable consistent print speeds of up to 7,200 square feet or 670 m² per hour, in black & white or 5,760 square feet or 535 m² per hour, in color.

Expanded Media Capacity
An ergonomic roll cap system simplifies the process of loading the 7,800 square foot / 725 m² media capacity.

Large Capacity Toner
Each CMYK cartridge contains 1,500 gms of toner for a total capacity of 6,000 gms - allowing longer uninterrupted color and black & white print runs for continuous system productivity.

Automatic Calibration
For color images that compliment the highest standards, an exclusive single belt imaging system performs automatic calibrations for precise imaging and bold, expressive color output.
KIP ImagePro is a single software solution designed to simplify every stage of color and black & white wide format workflow.

**STANDARD MODE**
- Fast and Easy Print Control
- Quick Access Tool Bar
- Column Logic
- High Definition Viewer
- Image Clean Up
- Area of Interest

**EXPANDED MODE**
Features for Technical Production and Color Graphic Professionals:
- Color Management
- Nest, 2 Up, Paneling
- Job Validation
- Customizable Interface Pop Out
- Flexibility in System Configurations
KIP 70, 800 and 900 Series Multi-touch Solutions
- Copy & Scan to Local/USB/LAN/Cloud (MFP)
- Print from Local/USB/LAN/Cloud
- Super View with Area of Interest
- Cloud Connect
- Data Security
- Smart Scan
- KIPFold Control

OPTIONS:
- Removable HD
- Card Reader

WORK STATIONS
Windows
7/8/10

STANDARD FEATURES:
- KIP Windows Driver
- KIP AutoCAD Driver
- KIP ImagePro - Print (Application)
- KIP PrintPro.net (Web Browser)
- KIP Printer Status (Application)
- KIP Media Manager
- KIPFold Control with Automatic Title Block Recognition
- KIP Hotfolder & LPR Spooling

OPTIONS - Per Printer:
- PDF/PS Printing
- KIP Accounting, Cost Center & Access Control
Systems Diagram - 2.2

KIP 800 Color Series
- MFP
  KIP 860 / 880 / 890
- Printer
  850 / 870

KIP 900 Color Series
- MFP
  KIP 980 / 990
- Printer
  KIP 970

KIP 720 / 2300 Scan Systems
- Scan, Copy & Print

KIP 800 Color Series
- KIP PrintPro.Net (Web Browser)
- PostScript Printer Description File
- KIP Hotfolder Support
- LPR Spooling

KIP 900 Color Series
- KIP PrintPro.Net (Web Browser)
- PostScript Printer Description File
- KIP Hotfolder Support
- LPR Spooling

KIP 720 / 2300 Scan Systems
- KIP ImagePro - Scan & Copy:
  - Scan - Local/USB/LAN/Cloud
  - Copy - To KIP Color or B&W printer
  - Print - To KIP Color or B&W printer
  - Color Adjustment / Management
  - High Definition Viewer
  - Area of Interest
  - KIPFold Control

Comprehensive KIP System K features are available in the following brochures:
- KIP Multi-touch Solutions
- KIP PC & Web Print Solutions
- KIP Admin, Accounting & Access Control
4 Roll Color and Black & White Printer
Color and black & white printer with intelligent KIP System K touchscreen

4 Roll Color and Black & White Print/Copy/STF
Color and black & white printer with intelligent KIP System K touchscreen for Print/Copy and STF functions

System Scanners
KIP 980: KIP 720 CIS Scanner / KIP 990: KIP 2300 CCD Scanner

Scanner Stand
KIP 720 / KIP 2300 Scanner Stand (for the KIP 980-990 or optional for stand-alone scan applications)

Stacking Systems (standard)
KIP 900 Stacker

Finishing Systems (optional)
KIPFold 2800

Description
High production color and black & white wide format print/copy/scan

Type
LED Array Electro photography with organic photoconductor (OPC drum) Contact Development using non magnetic mono-component toner

Configurations
Printer or multi-function system (print/copy/scan)

Speed
Up to 7,200 sq. ft (670 m²) in single pass black or 5,760 sq. ft. (535 m²) per hour in color regardless of image type or print resolution

Print Production
20 D size prints per minute in black & white, 16 D size prints per minute in color

Warm Up Time
Instant from standby, less than 4 minutes from power on

Toner
Four color (CMYK), dry toner, print images are UV resistant and waterproof

Input Power
North America: 2x 208-240VAC ±6%/-10% 50/60Hz, 16 A
EU/UK: 2x 220-240 V, 50/60 Hz, 16 A

Power Consumption
Printing 2.4 kWh (Average), Ready 630 W (Average), Sleep Mode 3.4 W

Acoustic Noise
< 65 db (printing), < 60 db (standby) (ISO 7779)

Ozone
< 0.05 ppm (average of 8 hours)

Dimensions
KIP 970 60" x 43" x 48" / 1500 x 1080 x 1220 mm (W x D x H)
KIP 980 78" x 43" x 48" / 1970 x 1080 x 1220 mm (W x D x H)
KIP 990 78" x 43" x 48" / 1970 x 1080 x 1220 mm (W x D x H)

Weight
1,212 lbs / 550 kgs

NOTE: Weight of the optional scanner or stacker is not included

Printer

Print Resolution
600 x 1,800 dpi

Paper Capacity
7,800 sq ft / 724 sq m (4 rolls + cut sheet )

Output Sizes Width (roll media)
11" - 36" / 297 mm - 914 mm (3" Core)

Output Sizes Length (roll media)
8.5" / 210 mm minimum, 210' / 64 m maximum (actual length may be dependent on media type and file type limitations)

Paper Weight (roll media)
See KIP Media Guide

Sheet Bypass
Up to 40 lbs. / 150 gsm bond | Maximum sheet size 36"/ 914 mm x manageable length | Minimum sheet size 11" x 17" / A3

Media Types
See KIP Media Guide

Scanner / Copier

Resolution
600 dpi (optical)

Original
Single Sheet, image viewable/face up

Widths
8.5" - 36" / 210 mm - 914 mm (international standard page sizes to include ANSI, ARCH, ISO A & B, CHN, JPN)

Length
8.5" - 19.7' / 210 mm - 6 m

Please see the KIP 2300 Production CCD Scanner and KIP 720 CIS Convenience Scanner documentation for additional specification details.

Controller

Controller Type
System K Embedded, Windows Standard Embedded 7 – 64 bit, i7 Quad Cord (min)

Memory
16 GB (min)

Hard Drive
256 SSD (min)

Compatible File Formats
Raster Color: TIFF, JPG, JP20000, PNG, BMP, GIF, TGA, RLE/RLE
Vector Color/B&W: HPGL, HPGL/2, HP-RTL, Postscript (PS/EPS), PDF, Autodesk DWF, Multipage PDF & DWF
Raster B&W: TIFF Group 3 & 4, CALS Group 4, Grayscale TIFF
Vector B&W: Calcomp 906/907

Space, Electrical & Environmental Requirements

Total Space (minimum)
132" x 182" / 3350 mm x 4610 mm ( W x D ) (KIP 900 Series with stacker)

The flexibility of the KIP 980 / 990 system permits the scanner to be placed perpendicular or parallel to the KIP printer for individual workflows which can result in special requirements that may differ than noted above.

Electrical Requirements
KIP 970 = Dual 208 V – 240 V 50/60 Hz, 16 A
KIP 980 / 990 = North America - the above, plus one 110 V - 120 V 50/60 Hz, 6 A or higher (for KIP scanner)
EU & UK - three 220V – 240V 50/60 Hz 16A  (for printer and scanner)

Electrical Receptacle
North America = two NEMA 6-20 R (plus one NEMA 5-20 R for the KIP 980 / 990)
Europe = CEE 7 (x3 for KIP 980 / 990)
UK = BS 546  (x3 for KIP 980 / 990)
All other regions = please refer to your local standards

Network Port
RJ-45 port-CAT5 or higher. LAN rated at least at 100 mb. Recommended is 1000 mb

Room Temperature
50-86°F / 10-30°C

Humidity
15-80% RH

Site Survey
KIP 900 Series site survey documentation is to be completed prior to system installation

Min. Door Width
32" / 813 mm
**Stacker**

The KIP 900 Color Series professional edge alignment stacker reduces post printing interaction, improving the efficiency and workflow. Neatly stacks a multitude of various page sizes. Unattended print runs can be scheduled with peace of mind.

**KIPFold 2800**

The KIPFold 2800 system automates wide format document folding requirements by providing folding, stacking and collation in a compact design. KIP online folders intelligently communicate with KIP printers and are fully integrated with KIP software applications & print drivers to provide seamless workflow integration.

*Optional for KIP 970, 980, 990*

**Copying & Scanning**

The KIP 900 Color Series delivers efficient, high speed hard copy reproduction workflow. Exceptional image quality is achieved through true 600 x 600 dpi optical resolution via a choice of integrated KIP scanners, with advanced optics and delicate original transport processes for pixel-perfect images.

*KIP 720 scanner included with KIP 980
KIP 2300 scanner included with KIP 990*
THE COLOR OF KIP IS GREEN.

KIP is committed to product designs that promote environmental health and sustainability. KIP’s goal is to consistently improve and refine the technologies in products that keep our planet green. KIP considers the total product life cycle - from the manufacturing process to final device disposal - in our shared ecosystems.

LOW EMISSIONS – HIGH EFFICIENCY

• KIP products all have a variety of sleep modes and power usage timers to reduce power consumption. All KIP systems are Energy Star qualified.
• During operation, the power consumption of KIP products are one of the lowest in the industry, thanks to efficiency in design.
• KIP’s manufacturing processes have reduced electricity consumption by 33%, all while increasing productivity.