

# **KIP 800 | COLOR SERIES**



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## *A new generation of wide format functionality*

The KIP 800 Color Series provides a comprehensive solution for a range of wide format printing tasks that require the highest levels of quality and performance. The system's workflow provides powerful print control for any production environment from a range of print submission applications, cloud printing, scan & copy, variable data printing and fully integrated stacking and folding.



| KIP 850

| KIP 860

| KIP 870

| KIP 880-890



# Engineered to deliver **BREAKTHROUGH COLOR PRINT QUALITY**

while providing real value from high quality images, reliable performance and efficient operation.

Print production on the KIP 800 Color Series systems produces amazingly vibrant colors, striking graphics, and photographic images that capture subtle tints and hues with unsurpassed color stability from the first to final print.

All prints and copies generated by the KIP 800 Color Series systems are fully lightfast, meaning that they will not fade or exhibit color deterioration from exposure to light over extended periods. The CMYK dry toner system employed by the KIP 800 Color Series produces 100% waterproof images that are suitable for outdoor applications even in inclement weather.

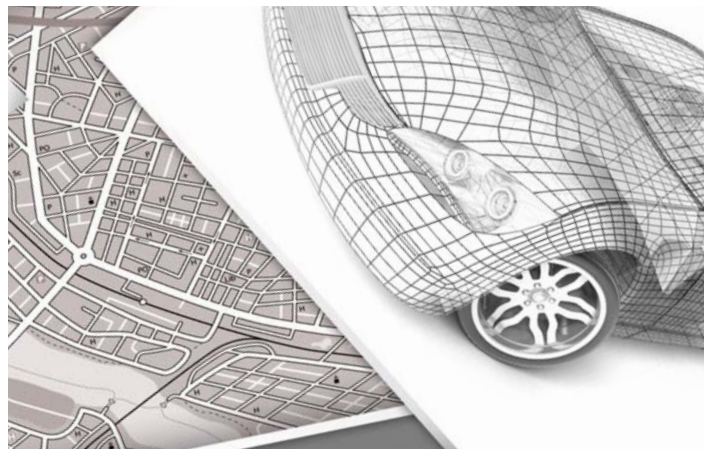
## *Operational Speeds*

-  2,880 square feet per hour Vibrant Color
-  3,600 square feet per hour Single Pass Black

## **TECHNICAL DOCUMENT & DISPLAY GRAPHIC CREATION**

The KIP 800 Color Series systems are designed for technical, graphic and office document users who require high demand output, precise imaging and bold, expressive color fidelity.

The KIP 800 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, signs, and photo enlargements — without sacrificing quality or performance.



# INTRODUCING KIP 800 COLOR SERIES

## *the new line of color print systems*

Explore the new KIP 800 Color Series. Offering the same compact design and function as the KIP 70 Series, now with color. The KIP 800 Color Series saves serious time and money – making ultra high-quality wide format printing more cost effective than ever before. Printing is faster. Operation is simpler. Finishing is automatic. Reliability keeps you up and running. Image quality will keep your customers coming back for more.



### KIP 850

#### *Multi-touch color print system*

##### *Optimize space and productivity!*

The KIP 850 network print system is a space saving workgroup printer delivering fast, low cost color and black & white wide format documents with breakthrough print quality. Easily meet project timelines and exceed quality standards with consistent print speed and precision imaging. Innovative front stacking allows close wall installation to maximize space efficiency.

##### *Features*

- 2 Roll Network Printer
- 12" Smart System K Touchscreen
- Standard Front Stacking
- Optional Rear Stacking or KIPFold
- KIP System K Print Management Suite
- Windows and AutoCAD Drivers
- Workflow Automation

### KIP 860

#### *Multi-function color system*

##### *Experience exceptional workflow efficiency!*

The KIP 860 is ideal for environments that require convenient multi-function productivity with a single footprint space-saving design. The KIP 860 color print system provides extraordinary print quality and performance for both color and black & white wide format printing of technical and business graphics. All system features and functions are at your fingertips using the intuitive touchscreen navigation that automates copy, scan and print functions for single touch productivity.

##### *Features*

- 2 Roll Multi-Function System with Integrated Scanner
- 12" Smart System K Touchscreen
- Standard Front Stacking
- Optional Rear Stacking or KIPFold
- KIP System K Print Management Suite
- Windows and AutoCAD Drivers
- Workflow Automation





## KIP 870

### *Multi-touch production color print system*

#### *A new level of enterprise performance!*

The KIP 870 workgroup and departmental print system is designed for high demand project requirements, with outstanding performance and reliability. High resolution color and black & white mixed set production with built-in cost efficiency reporting. Expand the compact front stacking design with versatile rear stacking or folding accessories that increase productivity. Touchscreen convenience offers advanced network cloud access, set printing and system management without a PC workstation.

#### *Features*

- 4 Roll Network Printer
- 12" Smart System K Touchscreen
- Standard Front Stacking
- Optional Rear Stacking or KIPFold
- KIP System K Print Management Suite
- Windows and AutoCAD Drivers
- Workflow Automation

## KIP 880 890

### *Multi-function production color system*

#### *The ultimate in wide format functionality!*

The KIP 880-890 delivers unmatched multi-function copy, scan and print performance for high demand enterprise workflow. Engineered to deliver vibrant consistent color quality from first to final print. The integrated dual footprint configuration multitasks scan and print production, saving valuable project time. Smart touchscreen automation simplifies complex copy, scan and print processes for single touch control.

#### *Features*

- 4 Roll Multi-Function System with Integrated Scanner
- KIP 880 includes a KIP 720 CIS Scanner
- KIP 890 includes a KIP 2300 CCD Scanner
- 12" Smart System K Touchscreen
- Standard Front Stacking
- Optional Rear Stacking or KIPFold
- KIP System K Print Management Suite
- Windows and AutoCAD Drivers
- Workflow Automation

# KIP 800 SERIES

## *features designed for effortless operation*

- Color and Black & White Print Production
- Integrated Folding, Finishing & Stacking Systems
- Automatic Roll Trimming
- Quick Switch Technology
- Integrated USB Port for External Drives
- Production at Remarkable Print & Scan Speeds
- Media Load Assist
- Extended Print Lengths for Maximum Productivity
- Automatic Image Calibration for Precise Color Output
- Technical Document and Display Graphic Creation
- Large Capacity Toner Cartridges for Continuous Print Runs and Productivity



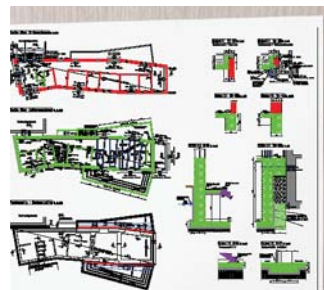
### KIP ImagePro

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



### Large Capacity Toner

Each CMYK cartridge contains 1,000 gsm of toner for a total capacity of 4,000 gsm - allowing longer uninterrupted color and black & white print runs for continuous system productivity.



### Superb Resolution

The KIP 800 Series is a comprehensive solution for a range of wide format printing tasks from technical documents to maps & posters.



### Low Cost of Operation

The KIP 800 Series color and black & white LED production printing systems are based on a unique design that lowers the operational costs.



### Quick Switch Technology

The KIP 800 Series print technology eliminates roll switching delays for increased productivity. Two or 4 media rolls and a sheet feeder deliver mixed print sizes at full production speed.



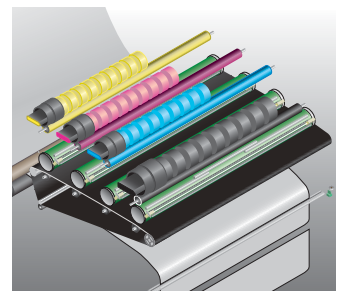
### Extended Print Lengths

The KIP 800 Series handles long print images on a variety of media types from either of its 2 or 4 integrated roll decks for maximum productivity and operator efficiency.



### Media Load Assist

An ergonomic roll cap system simplifies the process of loading the 3,000 or 6,000 square foot media capacity.



### Single Pass Black

KIP 800 Series single pass black delivers a 25% increase in productivity. An exclusive single belt drive system performs automatic calibrations for precise imaging and bold, expressive color output.



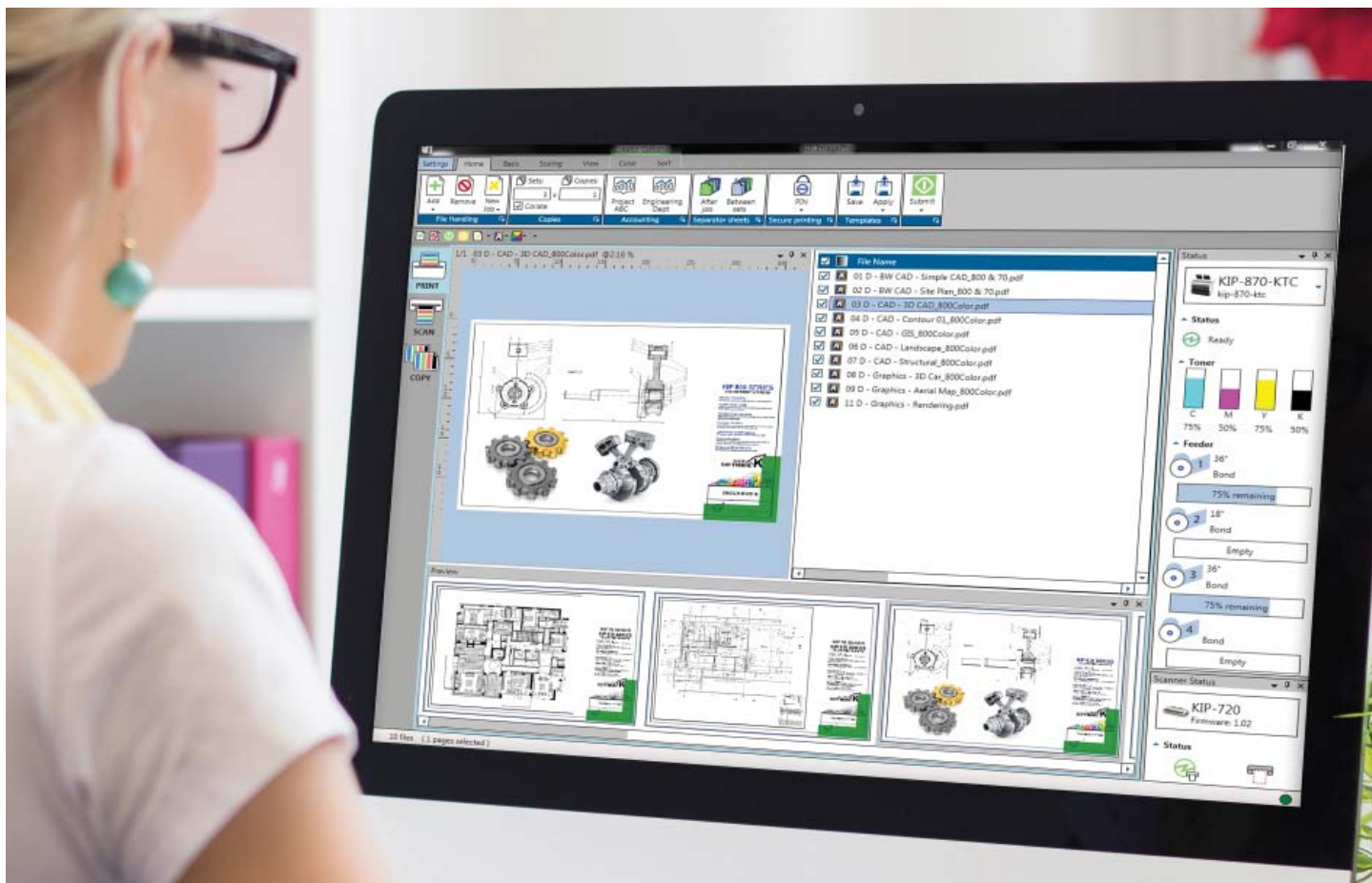
PRINT



COPY



SCAN



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 Series



### 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



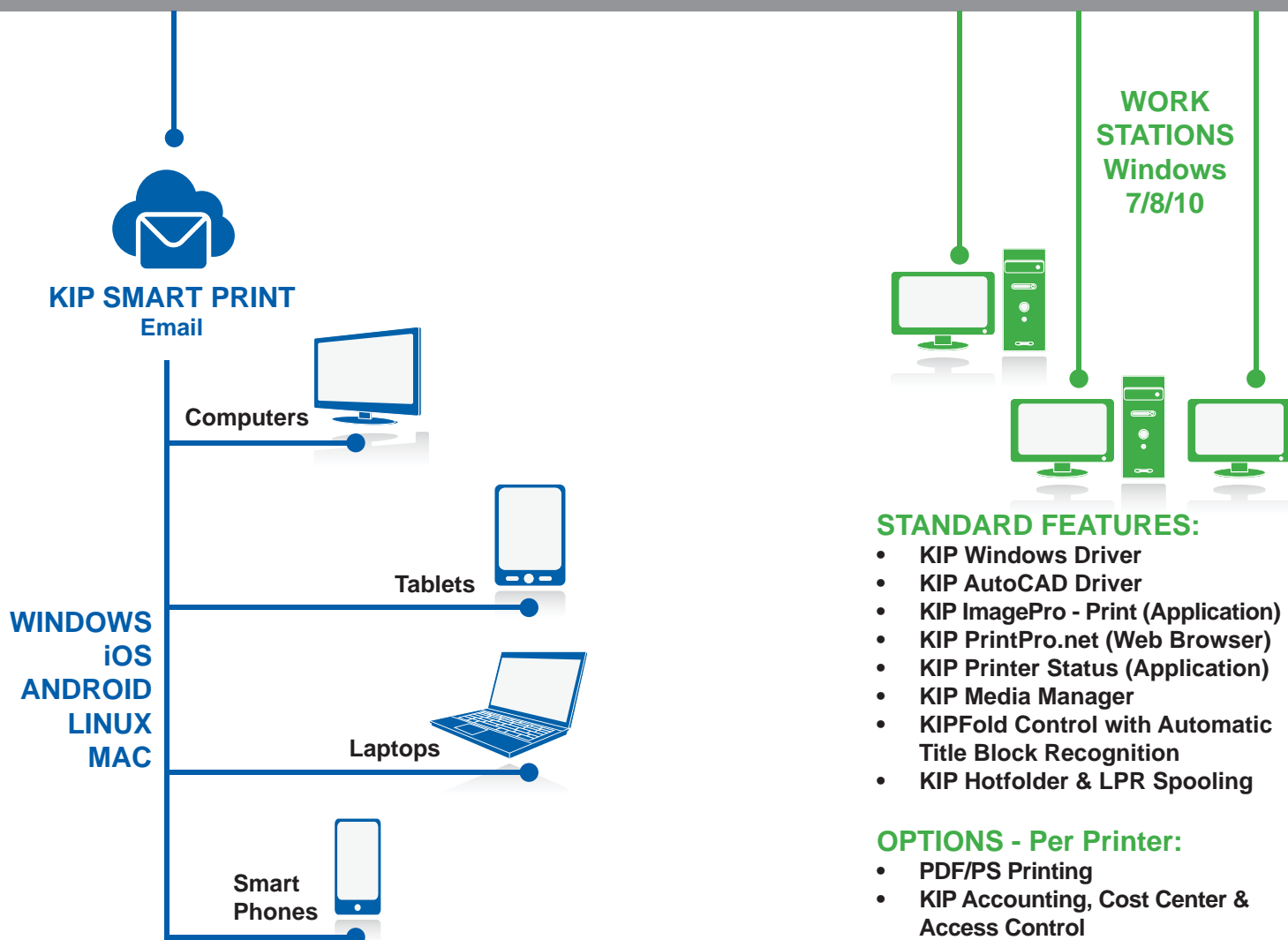
#### MFP

KIP 770 / 7170 / 75 / 79

#### Printer

75 / 79

## LAN





# Systems Diagram - 2.0

## 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

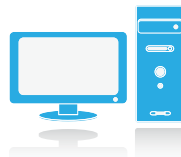


**KIP ImagePro - Scan & Copy:**

- 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

### WORK STATIONS

#### MAC



#### STANDARD FEATURES:

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

#### LINUX



#### STANDARD FEATURES:

- KIP PrintPro.Net (Web Browser)
- KIP Hotfolder Support
- LPR Spooling

**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

# KIP 800 Color Series Specifications

2/4 Roll Color and Black & White Printer	Color and black & white printer with intelligent KIP System K touchscreen
2/4 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 860: KIP 720 embedded / KIP 880: KIP 720 CIS Scanner / KIP 890: KIP 2300 CCD Scanner
Scanner Stand	KIP 720 / KIP 2300 Scanner Stand (for the KIP 880-890 or optional for stand-alone scan applications)
Stacking Systems (standard)	Front Stacking Print Tray
Finishing Systems (optional)	KIP 800 Stacker, KIPFold 1000, KIPFold 2800
Description	Departmental 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 3,600 sq. ft (334 m <sup>2</sup> ) in single pass black or 2,880 sq. ft. (268 m <sup>2</sup> ) per hour in color regardless of image type or print resolution
Print Production	10 D size prints per minute in black & white, 8 D size prints per minute in color
Warm Up Time	Instant from standby, less than 6 minutes from power on
Toner	Four color (CMYK), dry toner, print images are UV resistant and waterproof
Input Power	North America: 208-240VAC +6%/-10% 50/60Hz, 16 A EU/UK: 220-240 V, 50/60 Hz, 16 A
Power Consumption	Ready: 0.6 kWh. Printing: 1.9 kWh, Warm Up: 3.4 kWh, Sleep Mode: 3 Wh
Acoustic Noise	< 65 db Printing
Ozone	< 0.05 ppm (average of 8 hours)
Dimensions	KIP 850 60" x 43" x 40" / 1500 x 1080 x 1015 mm (W x D x H) KIP 860 60" x 43" x 46" / 1500 x 1080 x 1155 mm (W x D x H) KIP 870 60" x 43" x 48" / 1500 x 1080 x 1220 mm (W x D x H) KIP 880-890 78" x 43" x 48" / 1970 x 1080 x 1220 mm (W x D x H)
Weight	KIP 850 1,070 lbs / 485 kg KIP 860 1,125 lbs / 510 kg KIP 870 1,170 lbs / 530 kg KIP 880 1,225 lbs / 556 kg Weight of the KIP 880-890 is dependent on the scanner model – KIP 720 noted

## Printer

Print Resolution	600 x 2,400 dpi
Paper Capacity	3,000 sq ft / 280 sq m ( 2 rolls + cut sheet ) 6,000 sq ft / 560 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)	Bond: 18 – 40 lb / 67 – 150 gsm, Film: 3 – 4 mil Double Matte Polyester, Tracing: 18 – 20 lb / 67 – 75 gsm Banner and Gloss: see KIP 800 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	Bond Paper: Economical Bond, Standard Bond. Specialty Bond paper: Presentation Bond, Heavy Weight Bond. Polyester Film: 3 mil Clear, 3 mil Double Matte, 4 mil White Opaque. Banner Media: Fusion Soft Polyester. Please see the KIP 800 Series Media Guide for details.

## 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 Scanner documentation for details on this optional scanner for the KIP 890 Color System

## Controller

Controller Type	System K Embedded, Windows Standard Embedded 7 – 64 bit, i5 Quad Cord (min)
Memory	4 GB (min)
Hard Drive	320 GB minimum unlimited upgrade
Compatible File Formats	Raster Color: TIFF, JPG, JPG2000, PNG, BMP, GIF, TGA, RLE/RLC Vector Color/B&W: HPGL, HPGL/2, HP-RTL, Postscript (PS/EPS), Adobe 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 103" / 3350 x 2600 mm ( W x D ) ( KIP 850, 860 & 870 ) 178" x 103" / 4500 x 2600 mm ( W x D ) ( KIP 880 with KIP 720 ) 132" x 205" / 3350 x 5190 mm ( W x D ) ( KIP 850, 860 & 870 with optional rear print stacker ) 178" x 205" / 4500 x 5190 mm ( W x D ) ( KIP 880 with KIP 720 with optional rear print stacker ) The flexibility of the KIP 880-890 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. System access through standard door frames without lifting or tilting.
Electrical Requirements	KIP 850, 860 & 870 North America: 208-240VAC +6%/-10% 50/60Hz, 16 A EU/UK: 220-240 V, 50/60 Hz, 16 A KIP 880-890 North America: 208-240VAC +6%/-10% 50/60Hz, 16 A for KIP Printer and 110–120 V, 50/60 Hz, 6 A or higher for KIP Scanner EU/UK: 220-240 V, 50/60 Hz, 16 A for KIP Printer and 100–240 V, 50/60 Hz, 6 A or higher for KIP Scanner
Electrical Receptacle	North America = NEMA 6-20 R (plus one NEMA 5-20 R for the KIP 880-890) Europe = CEE 7 (x2 for KIP 880-890) UK = BS 546 (x2 for KIP 880-890) 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 800 Color Series site survey documentation is to be completed prior to system installation

# KIP 800 Color Series Accessories

## Stacker

The KIP 800 Color Series integrated stacking systems improve the efficiency and productivity of your print production environment by providing a convenient place to neatly stack a multitude of various page sizes. Unattended print runs can be scheduled with peace of mind due to comprehensive internal diagnostics of the KIP 800 Color Series.

*Optional for KIP 850, 860, 870, 880-890*



## KIPFold 1000

The KIPFold 1000 is a compact, but powerful online folder designed to easily, conveniently and quickly fan-fold documents. Folded document packets are crisp, professional and ready for distribution. Unfolded documents are directed to the conveniently located integrated front stacker.

*Optional for KIP 850, 860, 870, 880-890*



## 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 communicates with KIP printers and are fully integrated with KIP software applications and print drivers to provide seamless workflow integration.

*Optional for KIP 850, 860, 870, 880-890*



## Copying & Scanning

The KIP 800 Color Series provides 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.

*Integrated scanner included with KIP 860*

*KIP 720 scanner available with KIP 880*

*KIP 2300 scanner available with KIP 890*



# 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.



**KIP.COM/GREEN** | FOR MORE INFORMATION



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