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.
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.

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
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

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

**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.

**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.

**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**
The 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.
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 and KIP Color 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

KIP SMART PRINT
Email

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

WORK STATIONS
Windows

NETWORK

MFP
Printer

KIP 70 Series

Computers

Tablets

Laptops

Smart Phones

WINDOWS
iOS
ANDROID
LINUX
MAC
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

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

KIP 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

KIP DIGITAL DATA SECURITY

STANDARD FEATURES:
• KIP PrintPro.Net (Web Browser)
• PostScript Printer Description File
• KIP Hotfolder Support
• LPR Spooling

KIP Color Series
KIP Scan Systems

WORK STATIONS

MAC
KIP Multi-touch Solutions
KIP Color Series

LINUX
KIP PC & Web Print Solutions

STANDARD FEATURES:
• KIP PrintPro.Net (Web Browser)
• KIP Hotfolder Support
• LPR Spooling

STANDARD FEATURES:
• Image Overwrite
• Removable Hard Disk Drive Accessory Kit
• Standard Security Updates
• KIP Secure Print
• KIP Accounting Center Integration

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

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


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 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 m2) in single pass black or 2,880 sq. ft. (268 m2) 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 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 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)

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)


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


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, Microsoft® IoT Enterprise

Memory  4 GB (min)

Solid State Drive  Minimum 256 GB (Upgradable)

Compatible File Formats
  - Raster Color: TIFF, JPEG, JP2000, PNG, BMP, GIF, TGA, RLE/LRC
  - 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, 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 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 860 & 870 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 860 & 870  North America: 208-240VAC +6%/-10% 50/60Hz, 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

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
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 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 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.

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