



**PLAN & PRINT**  
SYSTEMS INC.

**KIP 800 | SERIES**



*Accelerating Performance*



**KIP 850**

print system

**KIP 860**

multi-function system

**KIP 870**

production print system

**KIP 880**

multi-function production system

*The KIP 800 Series accelerates performance to  
a new level for technical, graphic, and office document users.*

## Simply Superior

### Single Pass Black

The KIP 800 Series Single Pass black technology increases productivity 25% and offers market leading low cost of operation for monochrome imaging.

### Vibrant Color

The KIP 800 Series Systems produce vibrant color images. All prints and copies generated by the KIP 800 Series are 100% waterproof and fully lightfast, meaning that they will not fade or exhibit color deterioration from exposure to light over extended periods when used for outdoor applications even in inclement weather.

## Advanced Imaging Productivity

### Operational Speed



#### Single Pass Black

3,600 square feet per hour  
25% Increase in Productivity



#### Color

2,880 square feet per hour  
Vibrant Color Images

### Remarkable Value



#### KIP System K Software Suite

Included with  
All KIP 800 Series

### Low Cost of Operation



#### Savings

Market Leading  
Low Cost of Ownership

# 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



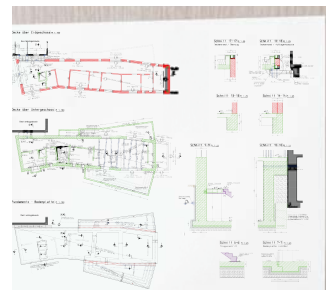
### **KIP ImagePro**

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.



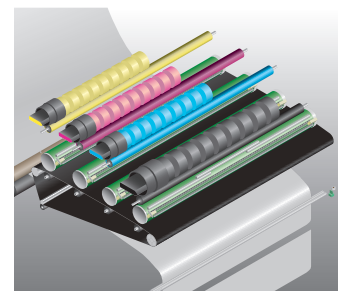
### **Extended Print Lengths**

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.

## Recommended configurations



## Technical specifications

### GENERAL

<b>2/4 Roll Colour and Black &amp; White Printer</b>	Colour and black & white printer with intelligent KIP System K touchscreen
<b>2/4 Roll Colour and Black &amp; White Print/Copy/STF</b>	Colour and black & white printer with intelligent KIP System K touchscreen for Print/Copy and STF functions
<b>System Scanners</b>	KIP 860: KIP 720 embedded / KIP 880: KIP 720 CIS Scanner / KIP 890: KIP 2300 CCD Scanner
<b>Scanner Stand</b>	KIP 720/KIP 2300 Scanner Stand (for the KIP 880–890 or optional for stand-alone scan applications)
<b>Stacking Systems (standard)</b>	Front Stacking Print Tray
<b>Finishing Systems (optional)</b>	KIP 800 Stacker, KIPFold 2000 (all models) or KIPFold 1000 (exclusive for KIP 850/KIP 860)
<b>Description</b>	High production colour and black & white wide format print/copy/scan
<b>Type</b>	LED Array Electro photography with organic photoconductor (OPC drum) Contact Development using non magnetic mono-c omponent toner
<b>Configurations</b>	Printer or multi-function system (print/copy/scan)
<b>Speed</b>	Up to 268 sqm per hour in either black & white or colour regardless of image type or print resolution
<b>Warm Up Time</b>	Instant from standby, less than 6 minutes from power on
<b>Toner</b>	Four colour (CMYK), dry toner, print images are UV resistant and waterproof
<b>Input Power</b>	EU/UK: 220–240 V, 50/60 Hz, 16 A
<b>Power Consumption</b>	Ready: 0.6 kWh. Printing: 1.9 kWh, Warm Up: 3.4 kWh, Sleep Mode: 3 Wh
<b>Acoustic Noise</b>	< 65 db Printing
<b>Ozone</b>	< 0.05 ppm (average of 8 hours)
<b>Dimensions (W x D x H)</b>	KIP 850: 1500 x 1080 x 1015 mm KIP 860: 1500 x 1080 x 1155 mm KIP 870: 1500 x 1080 x 1220 mm KIP 880–890: 1970 x 1080 x 1220 mm
<b>Weight</b>	KIP 850: 485 kg, KIP 860: 510 kg KIP 870: 530 kg, KIP 880: 556 kg Weight of the KIP 880–890 is dependent on the scanner model – KIP 720 noted

### PRINTER

<b>Print Resolution</b>	600 x 2,400 dpi
<b>Paper Capacity</b>	280 sqm ( 2 rolls + cut sheet ) 560 sqm ( 4 rolls + cut sheet )
<b>Output Sizes Width (roll media)</b>	297 mm – 914 mm
<b>Output Sizes Length (roll media)</b>	210 mm minimum, 64 m maximum (actual length may be dependent on media type and file type limitations)
<b>Paper Weight (roll media)</b>	Bond: 67 – 150 gsm, Film: 3 – 4 mil Double Matte Polyester, Tracing: 67 – 75 gsm Banner and Gloss: see KIP 800 Media Guide
<b>Sheet Bypass</b>	Up to 150 gsm bond/Maximum sheet size 914 mm x manageable length/Minimum sheet size A3
<b>Media Types</b>	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

<b>Resolution</b>	600 dpi (optical)
<b>Original</b>	Single Sheet, image viewable / face up
<b>Widths</b>	210 mm – 914 mm (international standard page sizes to include ANSI, ARCH, ISO A & B, CHN, JPN)
<b>Length</b>	210 mm – 6 m
	Please see the KIP 2300 Scanner documentation for details on this optional scanner for the KIP 890 Colour System

### CONTROLLER

<b>Controller Type</b>	System K Embedded, Windows Standard Embedded 7 – 64 bit, i5 Quad Cord (min)
<b>Memory</b>	4 GB (min)
<b>Compatible File Formats</b>	Raster Colour: TIFF, JPG, JPG2000, PNG, BMP, GIF, TGA, RLE/RLC Vector Colour/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

<b>Total Space (minimum)</b>	3350 x 2600 mm (W x D) (KIP 850, 860 & 870) 4500 x 2600 mm (W x D) (KIP 880 with KIP 720) 3350 x 5190 mm (W x D) (KIP 850, 860 & 870 with optional rear print stacker) 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.
<b>Electrical Requirements</b>	KIP 850, 860 & 870 EU/UK: 220-240 V, 50/60 Hz, 16 A KIP 880-890 EU/UK: Two – 20-240 V, 50/60 Hz, 16 A (one for KIP Printer and one for KIP Scanner)
<b>Electrical Receptacle</b>	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
<b>Network Port</b>	RJ-45 port-CAT5 or higher. LAN rated at least at 100 MB. Recommended is 1000 MB
<b>Room Temperature</b>	10–30°C
<b>Humidity</b>	15–80% RH
<b>Site Survey</b>	KIP 800 Colour Series site survey documentation is to be completed prior to system installation