KIP 800 Colour Series Specifications

4 Roll Colour and Black & White Printer	Colour and black & white printer with intelligent KIP System K touchscreen
2/4 Roll Colour and Black & White Print/Copy/STF	Colour 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 1800, KIPFold 2800
Description	Departmental production colour 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 334 m² in single pass black or 268 m² per hour in color regardless of image type or print resolution
Warm Up Time	Instant from standby, less than 6 minutes from power on
Toner	Four colour (CMYK), dry toner, print images are UV resistant and waterproof
Input Power	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 1500 x 1080 x 1155 mm (W x D x H) KIP 870 1500 x 1080 x 1220 mm (W x D x H) KIP 880-890 1970 x 1080 x 1220 mm (W x D x H)
Weight	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

Print Resolution	600 x 2,400 dpi
Paper Capacity	300 sq m (2 rolls + cut sheet) 600 sq m (4 rolls + cut sheet)
Output Sizes Width (roll media)	297 mm - 914 mm
Output Sizes Length (roll media)	210 mm minimum, 64 m maximum (actual length may be dependent on media type and file type limitations)
Paper Weight (roll media)	Bond: 67 – 150 gsm, Film: 3 – 4 mil Double Matte Polyester, Tracing: 67 – 75 gsm Banner and Gloss: see KIP 800 Media Guide
Sheet Bypass	Up to 150 gsm bond / Maximum sheet size 914 mm x manageable length / Minimum sheet size 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	210 mm - 914 mm (international standard page sizes to include ANSI, ARCH, ISO A & B, CHN, JPN)
Length	210 mm – 6 m

Please see the KIP 2300 Scanner documentation for details on this optional scanner for the KIP 890 Colour 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 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

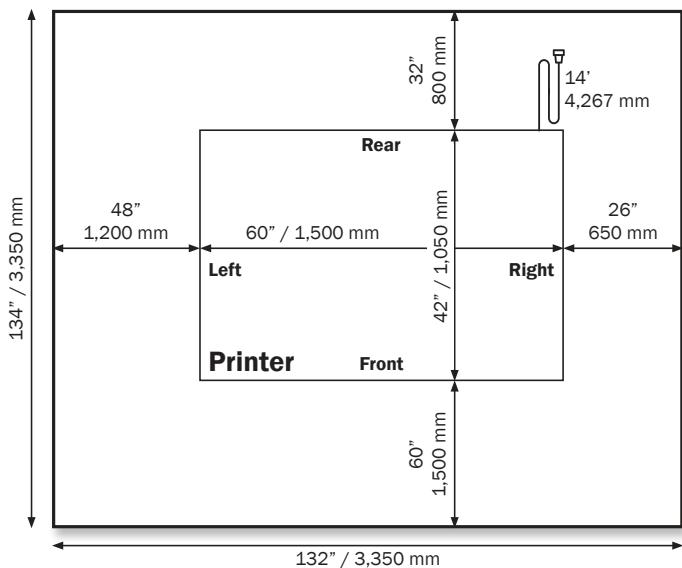## Space, Electrical & Environmental Requirements

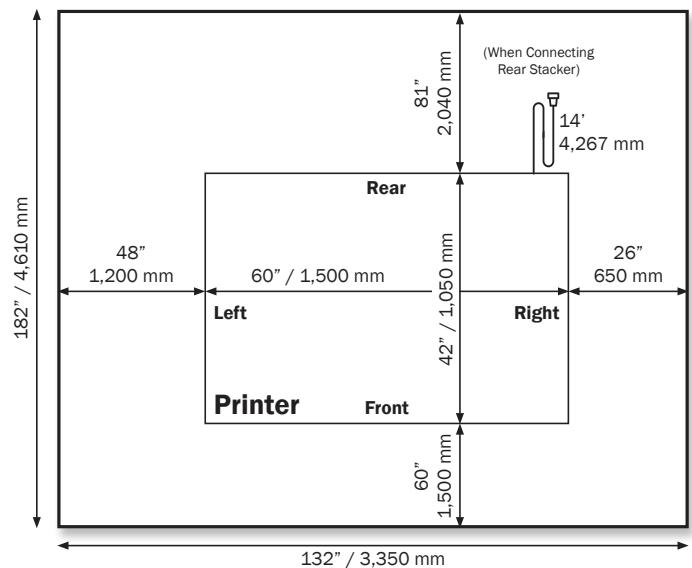|	
Total Space (minimum)	3350 x 2600 mm (W x D) (KIP 860 & 870) 4500 x 2600 mm (W x D) (KIP 880 with KIP 720) 3350 x 5190 mm (W x D) (KIP 860 & 870 with optional rear print stacker) 4500 x 5190 mm (W x D) (KIP 880 with KIP 720 with optional rear print stacker) The flexibility of the KIP 880-890 system 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.
Electrical Requirements	KIP 860 & 870 EU/UK: 220-240 V, 50/60 Hz, 16 A KIP 880-890 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	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	10-30°C
Humidity	15-80% RH
Site Survey	KIP 800 Colour Series site survey documentation is to be completed prior to system installation

KIP 800 Colour Series Installation Requirements

The following conditions are required for installation of the equipment.

1. Power source should be as follows (according to your region).
   Europe 220-240VAC (+6%/-10%), 16A, 50/60Hz

2. The equipment must be on an exclusive circuit. The outlet must be near the equipment and easily accessible.

3. Make sure to connect this equipment to a grounded outlet.

4. The site temperature range = 10 to 30 degrees centigrade (50 to 86 degrees Fahrenheit), with the humidity between 15% to 80% RH (NON CONDENSING). Keep the equipment away from water sources, boilers, humidifiers or refrigerators.

5. The installation site must not have open flames, dust or ammonia gases.

6. The equipment should not be exposed to the direct sunlight. Please close curtains to block any sunlight.

7. Leveling legs on the bottom of the printer should touch the floor correctly and the equipment must be leveled. Floor strength must be ample to sustain the weight of the equipment.

8. Keep ample room around the equipment to ensure comfortable operation. Required space is noted.

KIP 860/ 870 FRONT DELIVERY

KIP 860 / 870 FRONT & REAR DELIVERY