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
System Scanners  KIP 860: KIP 720 embedded / KIP 880: KIP 800 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)  Foot 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 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 45” / 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)
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)
Banner and Gloss: see KIP 800 Media Guide
Sheet Bypass Up to 40 lbs / 150 gsm bond | Maximum sheet size 36” x manageable length | Minimum sheet size 11” x 17” / A3

Media Types

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

Controller
Controller Type System K Embedded, Windows Standard Embedded 10 – 64 bit, i5 Quad Cord (min)
Memory 4 GB (min)
Solid State Drive Minimum 256 GB (Upgradable)
Compatible File Formats
Raster Color: TIFF, JPG, JPEG2000, PNG, BMP, GIF, TGA, RLE/RLE
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 506/907

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 880-890 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
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-CATS 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

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KIP 800 Color Series Installation Requirements

The following conditions are required for installation of the equipment.

1. Power source should be as follows (according to your region).
   North America 208-240VAC (+6%/-10%), 16A, 50/60Hz
   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 easy 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.