KIP 900 Color Series Specifications

4 Roll Color and Black & White Printer	Color and black & white printer with intelligent KIP System K touchscreen
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 980: KIP 720 CIS Scanner / KIP 990: KIP 2300 CCD Scanner
Scanner Stand	KIP 720 / KIP 2300 Scanner Stand (for the KIP 980-990 or optional for stand-alone scan applications)
Stacking Systems (standard)	KIP 900 Stacker
Finishing Systems (optional)	KIPFold 2800
Description	High 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 7,200 sq. ft (670 m^2) in single pass black or 5,760 sq. ft. (535 m^2) per hour in color regardless of image type or print resolution
Print Production	20 D size prints per minute in black & white, 16 D size prints per minute in color
Warm Up Time	Instant from standby, less than 4 minutes from power on
Toner	Four color (CMYK), dry toner, print images are UV resistant and waterproof
Input Power	North America: 2x 208-240VAC +6%/-10% 50/60Hz, 16 A EU/UK: 2x 220-240 V, 50/60 Hz, 16 A
Power Consumption	Printing 2.4 kWh (Average), Ready 630 W (Average), Sleep Mode 3.4 W
Acoustic Noise	< 65 db (printing), < 60 db (standby) (ISO 7779)
Ozone	< 0.05 ppm (average of 8 hours)
Dimensions	KIP 970 60" x 43" x 48" / 1500 x 1080 x 1220 mm (W x D x H) KIP 980 78" x 43" x 48" / 1970 x 1080 x 1220 mm (W x D x H) KIP 990 78" x 43" x 48" / 1970 x 1080 x 1220 mm (W x D x H)
Weight	1,212 lbs / 550 kgs NOTE: Weight of the optional scanner or stacker is not included

Printer

Print Resolution	600 x 1,800 dpi
Paper Capacity	7,800 sq ft / 724 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)	See KIP 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	See KIP Media Guide

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 Production CCD Scanner and KIP 720 CIS Convenience Scanner documentation for additional specification details.	

Controller

Controller Type	System K Embedded, Windows Standard Embedded 7 – 64 bit, i7 Quad Cord (min)
Memory	16 GB (min)
Solid State Drive	Minimum 256 GB (Upgradable)
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), 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 182" / 3350 mm x 4610 mm (W x D) (KIP 900 Series with stacker) The flexibility of the KIP 980 / 990 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.
Electrical Requirements	KIP 970 = Dual 208 V – 240 V 50/60 Hz, 16 A KIP 980 / 990 = North America - the above, plus one 110 V - 120 V 50/60 Hz, 6 A or higher (for KIP scanner) EU & UK - three 220V – 240V 50/60 Hz 16A (for printer and scanner)
Electrical Receptacle	North America = two NEMA 6-20 R (plus one NEMA 5-20 R for the KIP 980 / 990) Europe = CEE 7 (x3 for KIP 980 / 990) UK = BS 546 (x3 for KIP 980 / 990) 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 900 Series site survey documentation is to be completed prior to system installation
Min. Door Width	32" / 813 mm

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KIP 900 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).
   U.S.A. / Europe ----- Dual 208 to 240V (+6% to -10%), 20A, 50/60Hz

2. The equipment must be on exclusive circuits. The outlets 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.

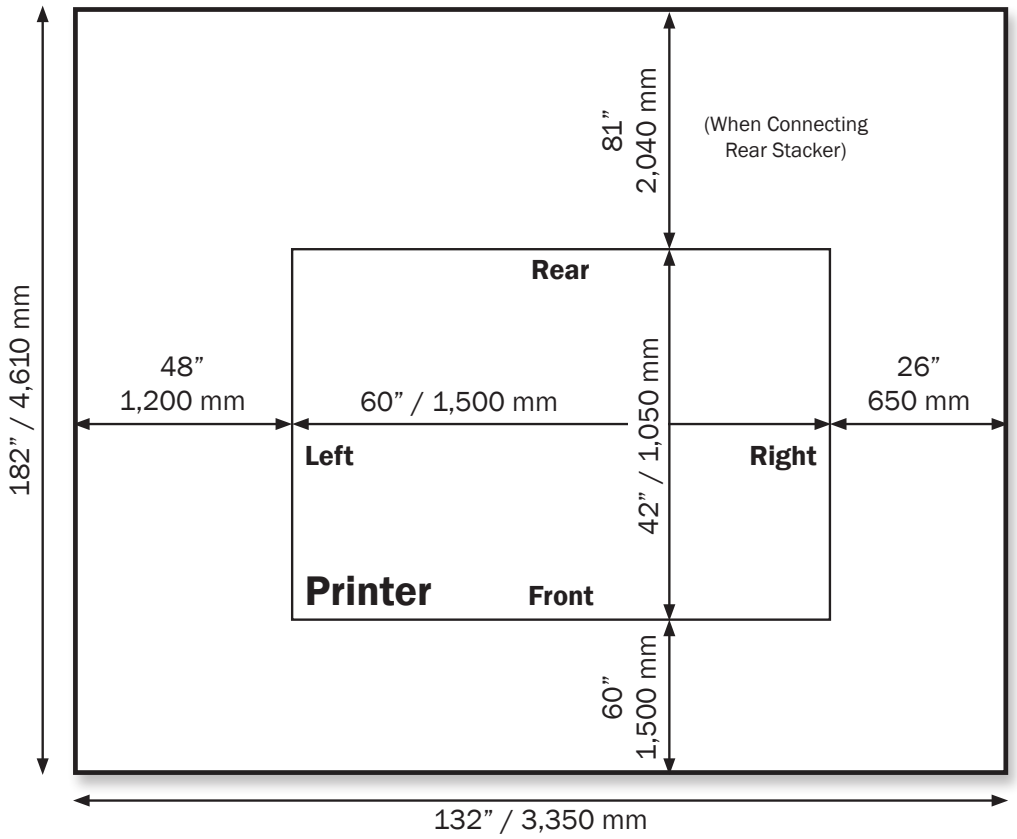
5. The installation site must not have open flames, dust or ammonia gases.

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

7. Ozone will be generated while this equipment is in use, although the quantity generated is within safe levels. (see certifications) Ventilate the room, if required.

8. Leveling Bolts 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.

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



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