KIP 900 COLOUR SERIES
DATASHEET

⬦ New generation of colour and b/w wide format printers

⬦ High colour printing quality with space-saving design

Enterprises expecting highest levels of quality and performance for a range of wide format printing tasks cannot afford to give the new KIP 900 Colour Series a miss. This comprehensive solution of wide format systems produces amazingly vibrant colours, striking graphics, and photographic images that capture subtle tints and hues with unsurpassed colour stability from the first to the final print. The KIP 900 Colour Series comprises a comprehensive range of wide format solutions for a variety of printing tasks spanning architectural, engineering, and construction documents to maps, posters, signs, and photo enlargements, without sacrificing quality or performance. Making ultra high-quality wide format printing more cost effective and reliable than ever before, the KIP systems help enterprises save time and money. For faster printing, more straightforward operation, and automatic finishing. For satisfied customers who'll keep coming back for more!
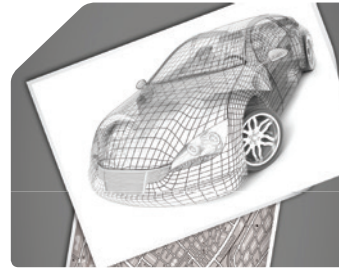

Giving Shape to Ideas

KIP 900
COLOUR SERIES

YOUR ADVANTAGES WITH
THE KIP 900 COLOUR SERIES

OPTIMIZED SPACE AND PRODUCTIVITY

– **KIP 970:** 4 roll, wide format multi-touch production colour print system
– **KIP 980: 4** roll, high-demand multifunctional colour system with KIP 720 scanner
– **KIP 990:** 4 roll, high-demand multifunctional colour system with KIP 2300 scanner

COLOUR AND B/W PRINTING

– Unique space-saving design
– Quick switches between colour and b/w production
– No loss of time

HIGH SPEED COPYING & SCANNING WITH MFP CONFIGURATION

– Convenient face-up and face-down scanning
– 600 x 600 dpi optical resolution
– A single system to scan thick or mounted originals as well as individual paper sheets
– Efficient and high-speed workflow for hardcopy reproduction

FOLDING AND FINISHING SYSTEM

– Online folding system
– Integrated stacking system
– For automated wide format document finishing
– For unattended print runs
– Improves the efficiency and productivity of any production environment

HIGH-SPEED SINGLE PASS PRINTING

– Single pass wide format printing
– Up to 670 sqm per hour b/w productivity
– Up to 535 sqm per hour colour productivity

DRY TONER SYSTEM

– CMYK four-colour printing system
– Odourless, waterproof & lightfast prints
– Instantly ready for finishing and further processing

INTERESTING FEATURES

– 4-roll network colour printer
– 12" Smart System K touch screen
– KIP System K Print Management Suite
– Windows and AutoCAD drivers
– Workflow automation

LARGE TOUCH SCREEN CONTROL & INTEGRATED USB DRIVES

– Simple operation via large colour touch screen
– Convenient control of job queues
– Review of system status
– Quick and easy printing from USB and network locations
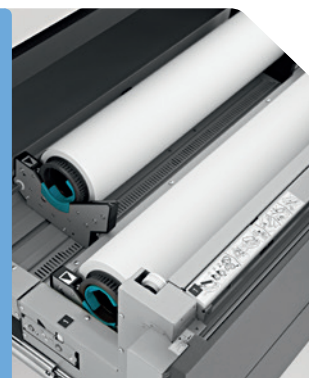
ATTRACTIVE WIDE FORMAT PRINT PRODUCTS

– For indoor and outdoor applications
– For full colour display applications
– For 3D colour renderings and graphic inserts
– For manufacturing and architectural plans and maps
– For CAD drawings
– For more profit

LARGE CAPACITY TONER CARTRIDGES

– 1500 grams of toner per cartridge
– For high colour and b/w print runs without interruption

PROFESSIONAL MEDIA HANDLING

– Extended print length for printed images of up to 64 metres
– 4 integrated, auto-loading media roll drawers and 1 cut-sheet bypass
– Handles media rolls from 297 mm to 914 mm width
– For maximum productivity and operator efficiency
– Media Load Assist simplifies the process of loading the media
– Quick-switch technology to eliminate roll switch delays

✎ Recommended configurations

✎ Technical specifications

GENERAL

4 Roll Colour and Black & White Printer	Colour and black & white printer with intelligent KIP System K touchscreen
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 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 (optional)	KIP 900 Stacker
Finishing Systems (optional)	KIPFold 2800
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 m²) in single pass black or 5,760 sq. ft. (535 m²) per hour in colour regardless of image type or print resolution
Warm Up Time	Instant from standby, less than 4 minutes from power on
Toner	Four colour (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 (W x D x H)	**KIP 970:** 60" x 43" x 48" / 1500 x 1080 x 1220 mm **KIP 980:** 78" x 43" x 48" / 1970 x 1080 x 1220 mm **KIP 990:** 78" x 43" x 48" / 1970 x 1080 x 1220 mm
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)
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

CONTROLLER

Controller Type	System K Embedded, Windows Standard Embedded 7–64 bit, i7 Quad Cord (min)
Memory	16 GB (min)
Hard Drive	256 SSD (min)
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), 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 208V–240V 50/60 Hz, 16A KIP 980 / 990 = North America - the above, plus one 110V–120V 50/60 Hz, 6A 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
Site Survey	KIP 900 Series site survey documentation is to be completed prior to system installation
Min. Door Width	32" / 813 mm