



KONICA MINOLTA

KIP 800 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 800 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 800 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!

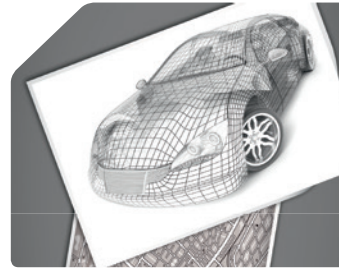


**KIP 800
COLOUR SERIES**

YOUR ADVANTAGES WITH THE KIP 800 COLOUR SERIES

OPTIMIZED SPACE AND PRODUCTIVITY

- **KIP 850:** 2 roll, wide format, multi-touch production colour print system
- **KIP 870:** 4 roll, wide format, multi-touch production colour print system
- **KIP 860:** 2 roll, multifunctional colour printer/copier with KIP 720 scanner
- **KIP 880:** 4 roll, multifunctional colour printer/copier with KIP 720 scanner
- **KIP 890:** 4 roll multifunctional colour printer/copier with KIP 3200 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 268 sqm per hour in b/w and colour

DRY TONER SYSTEM

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



INTERESTING FEATURES

- 2/4-roll network colour printer
- 12" Smart System K touch screen
- Standard front stacking
- Optional rear stacking or KIPFold
- 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

INTEGRATED SYSTEM K SOFTWARE

- KIP Multi-Touch Solutions
- KIP Cloud Connect
- KIP Print PrintPro & KIP Print PrintPro.net
- KIP Graphic Pro
- KIP Smart Print & Scan
- KIP Print Driver
- KIP Accounting & Cost Center
- KIP Printer Status / SNMP

ATTRACTIVE WIDE FORMAT PRINT PRODUCTS

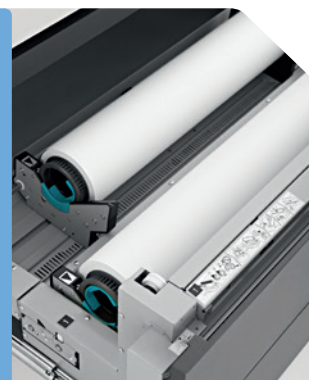
- For indoor and outdoor applications
- For full colour display applications
- For 3D colour renderings and graphic inserts
- For manufacturing and architectural plans and maps
- For CAD drawings
- For more profit

PROFESSIONAL MEDIA HANDLING

- Extended print length for printed images of up to 64 metres
- 2 or 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

LARGE CAPACITY TONER CARTRIDGES

- 1000 grams of toner per cartridge
- 4000 grams of toner in total
- For high colour and b/w print runs without interruption



Recommended configurations



Technical specifications

GENERAL

2/4 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 2000 (all models) or KIPFold 1000 (exclusive for KIP 850 / KIP 860)
Description	High 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-c omponent toner
Configurations	Printer or multi-function system (print/copy/scan)
Speed	Up to 268 sqm per hour in either black & white or colour 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 (W x D x H)	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
Weight	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

Print Resolution	600 x 2,400 dpi
Paper Capacity	280 sqm (2 rolls + cut sheet) 560 sqm (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, Windows Standard Embedded 7 – 64 bit, i5 Quad Cord (min)
Memory	4 GB (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), 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 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.
Electrical Requirements	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)
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