



KONICA MINOLTA

# KIP C7800

## Production Color Print System



Wide-format printing with ultra high-quality color — a powerful print production solution for technical and engineering documents, manufacturing plans and schematics, architectural renderings, maps, posters and photo enlargements.

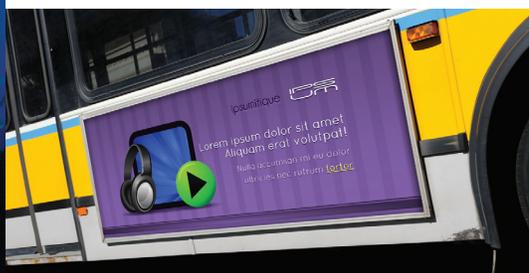
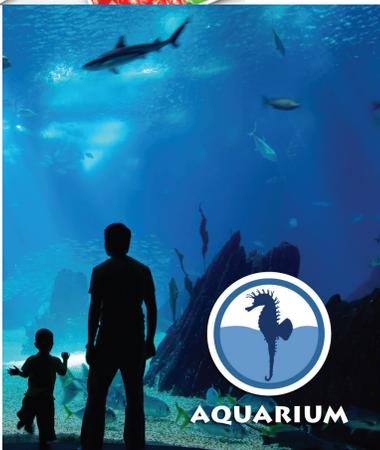


COUNT  KONICA MINOLTA

# A **Wide-Format** Color Print System for Technical and Production Needs

The KIP C7800 is a high-speed, high-quality color and B&W production print system for wide-format applications that demand the highest levels of quality, speed and cost-efficiency. Ideal for a comprehensive range of technical and production needs, the KIP C7800 improves your output as it speeds your workflow — providing powerful print control capabilities and versatile production advantages, including a wide range of print submission methods, cloud-based printing, scan and copy, variable data printing and fully integrated stacking and folding.

With all these advantages, the KIP C7800 saves serious time and money — making high-quality wide-format printing more cost-effective than ever before. Output is faster. Operation is simpler. Finishing is automatic. Reliability keeps you up and running to meet tight deadlines — and superior image quality will keep your customers coming back for more.





# Innovative Technology



## AFFORDABLE COLOR AND B&W PRINTING

The KIP C7800 system is based on a unique LED printing design that lowers the operational costs of high-quality color and B&W production.



## SUPERIOR IMAGE QUALITY

Four advanced LED imaging heads provide outstanding 600 x 2400 dpi resolution, directing toner application during the print process to achieve razor-sharp detail.



## HIGH-SPEED PRODUCTION

The KIP C7800 print system offers superb resolution at remarkable print speeds: up to 4,200 sq. ft. per hour in B&W, 3,500 sq. ft. per hour in color.



## QUICK ROLL SWITCHING

To increase productivity, the KIP C7800 reduces the need to switch rolls during printing; three media decks and an auto sheet feeder allow you to mix print sizes at full production speed.



## MEDIA LOAD ASSIST

An ergonomic spindle system simplifies the process of loading paper rolls. You'll have 4,500 sq. ft. media capacity — and the KIP C7800 automatically advances the media without user assistance.



## EASY TRIMMING

After media is loaded, a conveniently located button on each media deck gives you quick, automatic roll trimming for accurate and reliable performance in continuous operation.



## HIGH TONER CAPACITY

Each CMYK cartridge contains 1,000 gms of toner, for a total capacity of 4,000 gms — allowing longer uninterrupted color and B&W print runs for higher productivity.



## AUTOMATIC IMAGE CALIBRATION

For precise imaging with bold, expressive color, an exclusive single-belt drive system performs automatic media calibrations — a real advantage when changing media types or suppliers.



## EXTENDED PRINT LENGTHS

For maximum productivity and operator efficiency, the KIP C7800 handles print images up to 130 feet in length on any media type from any of its 3 integrated media roll decks.



## LARGE COLOR TOUCHSCREEN

The KIP C7800's large color touchscreen makes system operation simple, even for untrained personnel. All major system functions are available from a single interface.

# Technical Documents & Display Graphics

The KIP C7800 color and B&W print system is ideal for technical, graphic and office document applications that demand wide-format output, high-speed production, precise imaging and bold, vivid color fidelity.

A comprehensive solution for a wide range of wide-format printing tasks, the KIP C7800 handles everything from architectural, engineering and construction documents to maps, posters, signs and photo enlargements — all while maintaining speed, quality and accuracy.

The KIP C7800 is ideal for graphic applications, too — producing lightfast, UV-proof color prints that won't fade. Colorful banners, posters and signs displayed in hallways or placed in windows will attract attention without color deterioration from exposure to light — and large, full-color business graphics will deliver their messages more effectively at meetings, sales presentations and public viewing areas.

The KIP C7800 also delivers high-resolution color images at production print speeds, reducing your operating costs while improving your image quality.



## TECHNICAL DOCUMENT APPLICATIONS

- COLOR 3D RENDERINGS
- GRAPHICAL INLAYS
- EXPLODED VIEW SCHEMATICS
- TECHNICAL DIAGRAMS
- MANUFACTURING PLANS
- ARCHITECTURAL RENDERINGS
- GEOGRAPHICAL MAPS

## DISPLAY GRAPHIC APPLICATIONS

- COMMERCIAL PRINTING
- HOTEL & HOSPITALITY
- RETAIL SIGNAGE
- POINT OF PURCHASE DISPLAY
- TRADE SHOWS & EXHIBITIONS
- CORPORATE PRINTING
- GRAPHIC ARTS
- DIGITAL PROOFING
- GAMING INDUSTRY
- HEALTHCARE
- ENTERTAINMENT
- BEVERAGE/FOOD
- LITIGATION GRAPHICS



# Exceptional Results

The KIP C7800 produces truly exceptional results — enabling professionals to create technical documents with greater accuracy and allowing businesses to convey their sales messages with greater impact.

As technical and graphics applications converge, the needs for high-quality wide-format printing have become increasingly diversified to include 3D color renderings, graphic inlays, exploded-view schematics, technical diagrams, architectural plans, manufacturing drawings and maps of all kinds.

## OUTPUT VERSATILITY

- TECHNICAL DOCUMENTS
- BUSINESS COMMUNICATIONS
- DISPLAY GRAPHICS

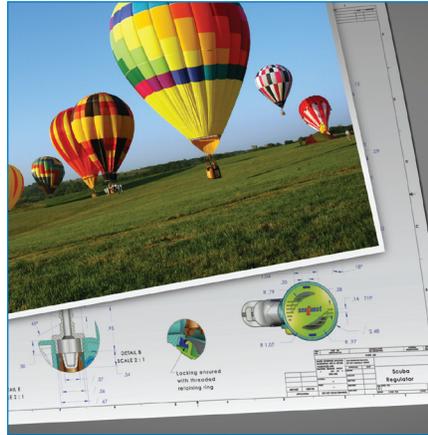
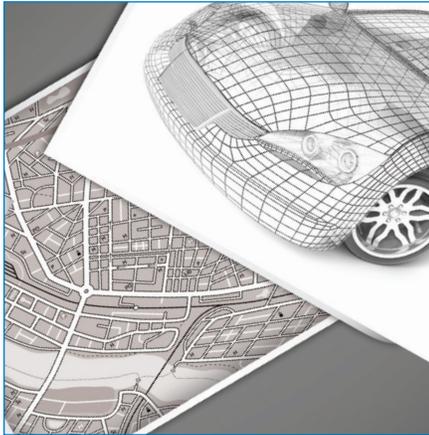
## CMYK DRY TONER ADVANTAGES

- LIGHTFAST
- ODORLESS
- WATERPROOF
- READY FOR FINISHING

## EXPANDED APPLICATIONS

- INDOOR MEDIA
- OUTDOOR SIGNAGE
- BACKLIT GRAPHICS

# KIP C7800 High Production System



## High Speed B&W Printing

The KIP C7800 produces B&W prints at blazing output speed of 4,200 square feet per hour, making it competitive with print production capabilities of dedicated B&W LED print systems.

In B&W-only mode, print media completely bypasses all color imaging units. This process increases system efficiency and lowers the overall cost of operation.

The KIP C7800 system delivers continuous production with razor-sharp line detail, superior halftones and smoother gradients.

**Up to 4,200 sq. ft./418 sq. m. hour**



## High Speed Color Printing

With a color production speed of up to 3,500 square feet per hour, the KIP C7800 is the most productive wide-format LED color print system on the market.

The unprecedented productivity of the KIP C7800 addresses the demanding needs of high-speed print runs to meet compressed delivery schedules — while meeting the highest expectations of quality.

With excellent across-the-board performance, the KIP C7800 will satisfy the most stringent demands of quality and productivity.

**Up to 3,500 sq. ft./325 sq. m. hour**



## Touchscreen Control

The KIP C7800 combines power, speed and control — with a large color touchscreen that lets you preview documents in full color before you print.

All major system functions are available at your fingertips from a single interface. You don't have to leave the printer to perform the command functions that make your work more productive.

The large display area provides plenty of room to control job queues, review system status, print from USB or network locations — and a full-color preview of each image file lets you make changes and see your results immediately, reducing the need for time-consuming test sheets and reprints.



### Media Capacity

The KIP C7800 easily accommodates tight deadlines with long unattended print runs. Three integrated, auto-loading media roll drawers each handle rolls from 11" to 36" in width and provide ultra-fast switching between rolls for collated sets of varying sizes or media types with no delay between prints.

An integrated automatic cut-sheet feeder also provides expanded versatility for handling specialty media types.

The KIP C7800 features a robust braking system designed to ensure uniform sheet sizes from all three of its integrated media roll drawers even at extremely high speeds, regardless of media type, print size or image complexity.



### Stacking & Folding

The KIP C7800 improves the efficiency and productivity of your production environment with an integrated stacking system that gives you a convenient place to stack multiple prints.

Bi-directional communication with the KIP C7800 system also lets you schedule unattended print runs with peace of mind.

And the KIP C7800 integrated folding and finishing system automates wide-format document production by combining folding, stacking and collation in a single compact unit. The online folder is fully integrated with the KIP C7800 print system and software applications, giving you a total print management solution.



### Copying & Scanning

In addition to high-quality printing in color and B&W, the KIP C7800 speeds your workflow with fast, efficient copying and scanning. You'll have pixel-perfect reproduction with true 600 x 600 dpi optical resolution via an integrated KIP scanner with advanced optics and precision transport mechanism for your originals.

High-resolution image capture and rapid data transfer technologies ensure high-speed copying and scanning with best-in-class productivity.

You'll also have the ability to scan originals face-up or face-down, scan thick mounted originals, and scan individual sheets of paper from a single unit with world-class flexibility.

# Powerful Print Control for any Production Environment

The KIP C7800 system features a comprehensive, diversified software suite — giving you the most open, integrated and powerful wide-format color and B&W production solution on the market. From PC and web-based viewing and printing of documents in a wide range of formats, to professional color management tools, application drivers, touchscreen control and cloud printing capabilities, KIP C7800 software streamlines your production workflow, saves time, and increases your productivity.

## KIP Color RIP

KIP Color RIP gives you advanced color management capabilities with integrated support for professional-level color management using ICC profiles.

You'll have powerful quality control features, image editing capabilities, advanced image paneling, nesting for optimum media usage, and much more. KIP Color RIP features include:

- RIP SYSTEM FOR GRAPHIC FILES
- EXPANDED PRINT COLOR GAMUT
- PROFESSIONAL COLOR MANAGEMENT TOOLS
- IMAGE TILING, CROPPING AND NESTING
- ADVANCED PREFLIGHT CONTROLS
- INTEGRATION WITH MULTIPLE PRINTERS

## KIP Cost Review Application

The KIP Cost Review Application easily generates accounting reports in Email format so you can recover costs by accurately invoicing users, departments, even individual projects.

KIP C7800 print costs vary due to toner coverage, media type and image size. With KIP Cost Review Applications, you can track these costs and generate reports on demand or at designated intervals. KIP Cost Review Application features include:

- TOTAL PRINTING SUMMARY
- TONER COVERAGE REPORTS
- MEDIA REPORTING
- SQUARE FOOTAGE REPORTS
- SERVICE COST REPORTS
- RECENT JOBS REPORTS

## Certified KIP Print Drivers

KIP certified application drivers support 32-bit and 64-bit printing features, including set collation, fast spooling for multiple copies or sets, data tracking for job accounting, media selection, and Windows 7 Device Experience. AutoCAD versions up to 2012 are also fully supported.



## KIP Cloud Printing

KIP Cloud Printing is a direct Email-based feature that does not require any intermediate servers, providing total document privacy and security for printing from any connected device.

Mobile professionals will appreciate the ability to produce large prints using simple Email messages with attachments and a few key control words. KIP Cloud Printing features include:

- ABILITY TO USE ANY PHONE, TABLET, LAPTOP OR PC
- NO NEED TO INSTALL DRIVERS OR APPS
- USE OF ANY WEB BROWSER OR EMAIL PROVIDER
- NO LEARNING CURVE OR TRAINING REQUIREMENT
- PRINT FILES VIA EMAIL ATTACHMENTS
- EXPANDED FLEXIBILITY WITH OPTIONAL KEYWORDS



## KIP Print

KIP Print is an easy-to-use network printing application designed to give operators a fast and accurate means of producing high-quality wide-format print sets from all types of digital files. With powerful printing and print management controls, every aspect of KIP Print is centered on speeding your production workflow.

With an emphasis on job building, an intuitive ribbon-style interface features column browsing, color thumbnail previews and total preflight control. You can select color and B&W documents for printing in collated sets and designate custom output preferences before print submission. KIP Print features include:

- ADVANCED RIBBON-STYLE INTERFACE
- THUMBNAIL IMAGE PREVIEWS IN COLOR AND B&W
- PRINT JOB SCHEDULING BY DATE AND TIME
- DIGITAL ENLARGEMENT/REDUCTION 5% – 3600%
- ONE-STEP FILE VIEWING, PANNING, ZOOMING
- IMAGE STAMPING — ALLOWS MERGING OF TWO FILES BEFORE PRINTING

## KIP PrintNET

KIP PrintNET is a powerful web-based print production tool for color file viewing and printing. You'll have KIP C7800 job queue management and administration features without the need to install new software on network computers. You may select and print single or multiple files, complete with image adjustments such as scaling, stamping and color management.

The PrintNET viewer is independent of your operating system and quickly displays images in vivid color, smooth grayscale or high-resolution B&W for precise rendering of fine lines, graphics and photos. Integrated image viewing provides instant file authentication and accurately represents the final printed product, complete with custom image settings. KIP PrintNET features include:

- ABILITY TO PRINT FULL JOB SETS FROM ANYWHERE
- UNLIMITED NUMBER OF FILES PER JOB
- 100% COMPATIBILITY WITH STANDARD WEB BROWSERS
- INTEGRATED VIEWING FOR ACCURATE IMAGE DISPLAY
- PRINT SETTINGS FOR SINGLE FILES OR COMPLETE JOBS
- FAST FILE PROCESSING FOR MAXIMUM PRODUCTIVITY



# KIP C7800 Specifications

GENERAL	
Description	High Production Monochrome & Color Wide Format print system
Type	LED Array Electro Photography
Fusing Method	Heat Roller -Pressure
Development	Contact type, single component non magnetic
Charge Method	Corona
Transfer Method	Transfer roller with Transport belt
Speed	Up to 4,200 square feet/390 sq. m. per hour in B&W Up to 3,500 square feet/325 sq. m. per hour in Color
First Print Output Time	< Less than 43 seconds E size/A0
Warm Up Time	3 minutes from power on
Configurations	Console Printer
Roll	3 Rolls with Auto Sheet Feed
Power Consumption	Standby - .8kW Printing - 2.0kW Power Saving Mode - 10W
Electrical Requirements	230V 50/60Khz 20A
PRINTER	
Print Resolution	600 x 2400 dpi
Paper Capacity	4,500 square feet/418 sq. m. + Auto Sheet Feeder
Output sizes width	11 - 36 inch/297mm to 914mm
Output sizes length	8.5 Inches to 200ft/210mm to 64m
Media Loading	Automatic roll loading with auto trim
Standard	<b>Bond:</b> 20lb,24lb,32lb,40lb, Translucent Bond 18lb (70 - 150gsm) <b>Film:</b> Double Matte/3mil (75 micron)
Specialty	Weather Proof Banner Film, Waterproof Bond 24lb.Film Clear Adhesive back/6mil(2mil film/4mil carrier, Blueback 32lb, Digital Banner Media/10mil, Bright Fluorescent Bond 24lb,(Yellow,Orange,Green,Blue)
ENVIRONMENT	
Dimensions	54"/1376mm (Width) x 31"/790mm (Depth) x 57"/1450mm
Minimum Space Requirements	59"/1,498mm (Front), 90"/2,300mm (Rear w/Stacker), 48"/660mm (Left), 26" (Right) Distances are from printer to wall/obstruction
Humidity	20 to 70% RH (Non Condensing)
Temperature	59 to 81 Fahrenheit/15 to 27 Celsius
Weight	Approximately 1190lbs/540kg
Ozone	Less than 0.05ppm (Average 8hrs)
Acoustic Noise	Less than 60db (Standby), Less than 65db (Printing)
IMAGE PROCESSING	
Controller type	Embedded with Windows XPe
CPU	Intel Quad Core 2.13GHz
Memory	3GB
Hard drive	SSD Sata 3 120 GB
Compatible File Formats	Raster Color: TIF, JPG, JPG2000, PNG, BMP, GIF, TGA, RLE/RLC Vector Color/Mono: HPGL, HPGL/2, HP-RTL, Postscript(PS/EPS), Adobe PDF, Autodesk DWF, Multipage PDF & DWF Raster Monochrome: TIF Grp 3 & 4, CALS Grp 4, Grayscale TIF, IBM IOCA, Intergraph CIT/TG4, Government C4 Vector Monochrome: Calcomp 906/907
SOFTWARE APPLICATIONS	
Standard	Touch Screen Printing: Up to 10 mono/color images from USB or Network locations Certified ACAD Drivers: Currently released versions up to 2012 Microsoft Certified Windows Drivers: Print in b&w & color Cost Review application: PC based application to review toner/service costing on the C7800
Technical	KIP Print: PC based submission utility features ribbon interface job building KIP PrintNET: Web Browser based submission utility delivers powerful browser independent features Cloud Printing: KIP Web Apps offer the ability to produce large prints using nothing more than an email attachments and key words
Graphics	KIP RIP Professional Color Management Application
OPTIONS	
Hardware	KIP C7800 Stacker, KIP Fold System
Software	PDF and Postscript printing, KIP Connectivity Package: Allows external RIP interface

# With KIP, Your Color Is Always Green

KIP is committed to designing products that promote environmental health and sustainability. Our goal is to improve and refine KIP technologies to help keep our planet green for future generations.

Because the greatest environmental impact of KIP products lies in their actual operation, we continually integrate environmental considerations in our business strategy — combining superior results, improved customer experience, and responsible corporate citizenship.

## KIP ENVIRONMENTAL FEATURES

- ENERGY-STAR QUALIFICATION
- ROHS COMPLIANCY
- ISO 14001 STANDARDS
- OZONE EMISSIONS FILTERS
- UL/UL-C APPROVAL
- ORGANIC, RECYCLABLE PHOTORECEPTORS
- RECYCLABLE TONER CONTAINERS
- PRINTING ON RECYCLE PAPER
- AUTO IMAGE ROTATION AND AUTO MEDIA SELECTION TO MINIMIZE WASTED PAPER

## KIP Performance Quality & Reliability

KIP products perform to the highest standards — performance achieved by combining the most advanced hardware and software technologies to create superior products at affordable prices. KIP Production Print Systems are quality engineered for production-class reliability. State-of-the-art printing methods and advanced self-diagnostic functions keep your system running with maximum uptime. Our products also enhance end-user value by integrating environmental benefits such as energy efficiency, emissions reduction, and recyclable supply containers.



# KIP C7800 Color Graphics Print System



KONICA MINOLTA

**KONICA MINOLTA BUSINESS SOLUTIONS USA., INC.**

100 Williams Drive, Ramsey, N.J. 07446

[www.kmbs.konicaminolta.us](http://www.kmbs.konicaminolta.us) | [www.CountOnKonicaMinolta.com](http://www.CountOnKonicaMinolta.com)

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**WWW.KIP.COM**

U.S.A. Phone: (800) 252-6793 Email: [info@kipamerica.com](mailto:info@kipamerica.com)

CANADA Phone: (800) 653-7552 Email: [info@kipcanada.com](mailto:info@kipcanada.com)

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