



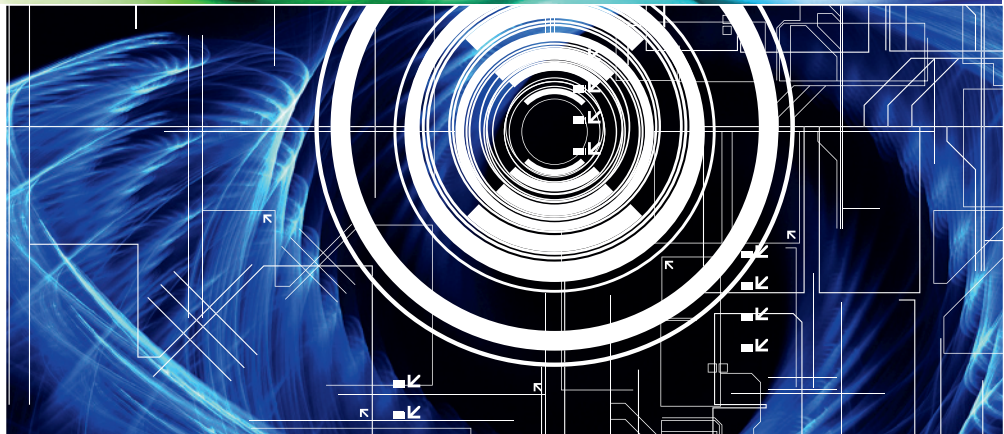
## C7800 HIGH PRODUCTION COLOUR PRINT SYSTEM



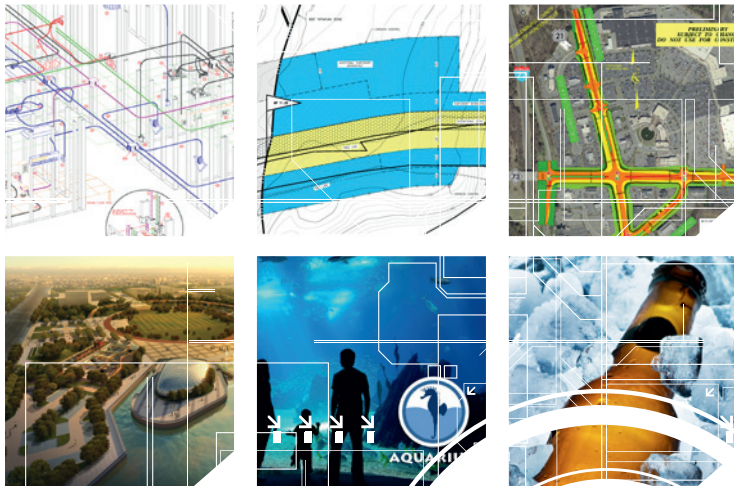
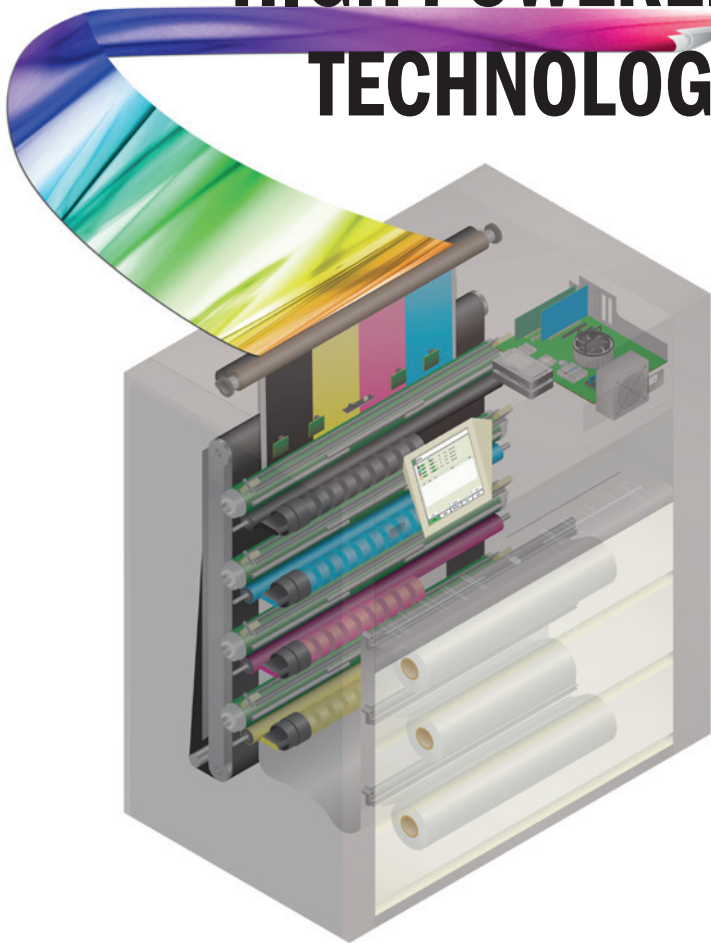
# HIGH PRODUCTION COLOUR PRINT SYSTEM

The KIP C7800 is a colour and black & white high production print system. The system is a comprehensive solution for all types of wide format printing tasks that require the highest levels of quality and performance. The system's workflow provides powerful print control for any production environment from a range of print submission applications, cloud printing, scan & copy, variable data printing and fully integrated stacking, folding and inline cutting.

The KIP C7800 saves serious time and money – making ultra high quality wide format printing more cost effective than ever before. Printing is faster. Operation is simpler. Finishing is automatic. Reliability keeps you up and running. Image quality will keep your customers coming back for more.



# HIGH POWERED TECHNOLOGY



## BLACK & WHITE AND FULL COLOUR PRINTING

The C7800 Colour and b&w LED production printing system is based on a unique design that lowers the individual operational costs of both colour and b&w print production.



## IMAGE QUALITY

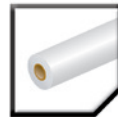
Four advanced KIP LED imaging heads provide outstanding 600 x 2400 DPI resolution. LED imaging heads provide direct toner application during process for razor sharp details.



## PRODUCTION PRINTING

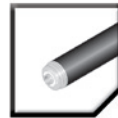
The KIP C7800 print system offers superb resolution at remarkable print speeds:

- Up to 390 sq. m. hour in b&w
- Up to 325 sq. m. hour in colour



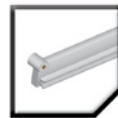
## QUICK SWITCH TECHNOLOGY

KIP C7800 print technology eliminates roll switching delays for increased productivity. Three media decks and an auto sheet feeder deliver mixed print sizes at full production speed.



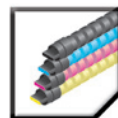
## MEDIA LOAD ASSIST

An ergonomic spindle system simplifies the process of loading the 418 sq. m. media capacity and the printer automatically advances the media without user assistance.



## EASY TRIM

A button is conveniently located in each media deck for quick, automatic roll trimming after loading. This simple process ensures reliable and accurate performance for continuous print production.



## LARGE CAPACITY TONER CARTRIDGES

Each CMYK cartridge contains 1,000gms of toner for a total capacity of 4,000gms – allowing longer uninterrupted colour and b&w print runs for continuous system productivity.



## AUTOMATIC IMAGE CALIBRATION

An exclusive single belt drive system performs automatic media calibrations for precise imaging, and bold, expressive colour output. This simplifies changing media suppliers or types.



## EXTENDED PRINT LENGTHS

For maximum productivity and operator efficiency, the KIP C7800 handles print images up to 40 metres in length on any media type from any of its 3 integrated media roll decks.



## LARGE COLOUR TOUCHSCREEN

A large colour touchscreen makes system operation simple, even for personnel without training. All major system functions are available at your fingertips from a single interface.

# TECHNICAL DOCUMENTS & DISPLAY GRAPHICS

The KIP C7800 colour and b&w print system is designed for technical, graphic and office document users who require high demand output, precise imaging and bold, expressive colour fidelity.

The system is a comprehensive solution for a range of wide format printing tasks spanning everything from architectural, engineering, and construction documents to maps, posters, signs, and photo enlargements without sacrificing quality or performance.

## TECHNICAL DOCUMENT CREATION

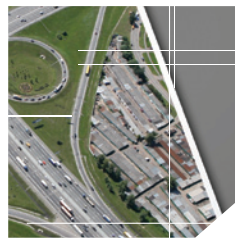
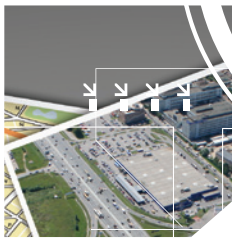
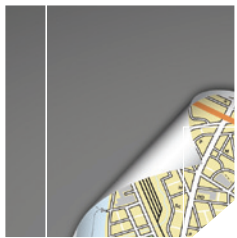
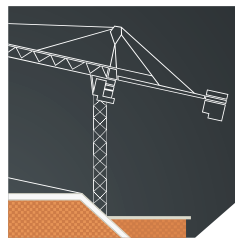
- COLOUR 3D RENDERINGS
  - GRAPHICAL INLAYS
- EXPLODED VIEW SCHEMATICS
  - TECHNICAL DIAGRAMS
  - MANUFACTURING PLANS
- ARCHITECTURAL RENDERINGS
  - GEOGRAPHICAL MAPS

The KIP C7800 system produces lightfast; UV-proof prints which do not fade or exhibit colour deterioration from exposure to light. Colourful banners, bulletins, and signs posted in hallways or placed in windows attract attention while large, full colour business-style graphics deliver the right message at meetings, sales presentations, and public viewing areas.

KIP C7800 prints are ideal for most applications because of their ability to deliver high resolution image quality at production print speeds with exceptionally low operational costs.

## DISPLAY GRAPHIC CREATION

- COMMERCIAL PRINTING
- GAMING INDUSTRY
- HOTEL & HOSPITALITY INDUSTRY
- DIGITAL PROOFING
- POINT OF PURCHASE
- GRAPHIC ARTS
- HEALTHCARE
- EDUCATION
- ENTERTAINMENT
- BEVERAGE/FOOD
- DISTRIBUTORS
- EXHIBITION
- LITIGATION GRAPHICS
- CORPORATE PRINTING





## EXCEPTIONAL RESULTS

### APPLICATION VERSATILITY

- DISPLAY GRAPHICS
- BUSINESS GRAPHICS
- TECHNICAL DOCUMENTS

### CMYK DRY TONER SYSTEM

- LIGHTFAST
- ODORLESS
- WATERPROOF IMAGES
- READY FOR FINISHING

### EXPANDED RANGE OF APPLICATIONS

- INDOOR MEDIA
- OUTDOOR MEDIA
- BACKLIT GRAPHICS



As traditional technical documents and creative applications converge, wide format document production requirements have become increasingly diversified to include 3D colour renderings, graphic inlays, exploded view schematics, technical diagrams, manufacturing & architectural plans and maps of all kinds.

The KIP C7800 enables business professionals to effectively convey ideas and information by leveraging visual appeal and technical accuracy in colour or black & white.

# KIP C7800 HIGH PRODUCTION SYSTEM



## HIGH SPEED B&W PRINTING

Up to 390 sq. m. hour in B&W

Up to 325 sq. m. hour in Colour

The KIP C7800 produces black & white prints at a blazing 390 sq. m. per hour, making it competitive with the print production generated by dedicated black and white LED print systems.

In black & white only mode, the print media completely bypasses all colour imaging units. This process increases system efficiency and lowers the overall cost of operation.

The KIP C7800 system delivers nonstop production levels with razor sharp line detail, superior half tones and smooth gradients .



## HIGH SPEED COLOUR PRINTING

With an operational speed of up to 325 sq. m. of colour print production per hour, the KIP C7800 is the single most productive wide format LED colour print system.

The unprecedented productivity of the KIP C7800 addresses the current reality of demanding print runs and compressed delivery times coupled with the highest quality expectations.

The excellent across the board performance of the KIP C7800 is sure to satisfy the most stringent demands on quality and productivity.



## TOUCHSCREEN CONTROL

A large touchscreen makes operation simple, even for personnel without special training. All major system functions are available at your fingertips from a single interface.

The integrated colour touchscreen of the KIP C7800 provides a powerful combination of control plus convenience – because 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 get a large, full colour look at image files before you print, to make changes and see your results immediately.



## MEDIA CAPACITY

The KIP C7800 easily accommodates high demand printing and long unattended runs via three integrated, auto-loading media roll drawers. The system handles media rolls from 297 mm to 914 mm wide and provides ultra fast switching between rolls for collated sets of varying sizes or media types with no delay between prints.

In addition, an integrated automatic cut sheet feeder 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 at extremely high speeds, regardless of media type, print size or image complexity.



## STACKING, FOLDING & CUTTING

The KIP C7800 integrated stacking system improves the efficiency and productivity of your print production environment by providing a convenient place to stack multiple prints.

Unattended print runs can be scheduled with peace of mind due to bi-directional communication with the KIP C7800 print system.

The KIP C7800 integrated folding and finishing system automates wide format document finishing by providing folding, stacking and collation in a compact design. The online folder is fully integrated with the KIP C7800 print system and software apps to provide a total print management solution.

The KIPCut C7800 inline wide format cut & trim system offers accuracy, speed and performance based on advanced finishing technology. Thanks to this complete solution, wide format graphics, posters & displays are printed and cut to bleed.



## COPYING & SCANNING

The KIP C7800 provides efficient, high speed hard-copy reproduction workflow. Exceptional image quality is achieved through true 600 x 600 dpi optical resolution via a choice of integrated KIP scanners with advanced optics and delicate original transport mechanics for pixel-perfect images.

Best in class productivity is achieved from high resolution image capture and data transfer technologies for high speed copy and scan throughput without delays.

World-class flexibility is delivered via the ability to scan face up or face down and scan thick mounted originals and individual sheets of paper from a single unit.

# POWERFUL PRINT CONTROL FOR ANY PRODUCTION ENVIRONMENT

The KIP C7800 system features a diversified software suite that forms the most open, integrated and powerful wide format colour and black & white imaging system available. From PC & web-based viewing and printing of documents in a wide range of formats, to professional colour management, application drivers, touchscreen & cloud printing, KIP C7800 software streamlines production print work, saves time and increases productivity.



## KIP PRINT



KIP Print network printing software is an easy to use application designed to provide operators with a fast and accurate means of producing high quality print sets from all types of wide format digital files. Every aspect of KIP Print is centred on production workflow, providing complete command of a host of powerful printing and print management controls.

An intuitive ribbon style interface with an emphasis on job building; featuring column browsing, colour thumbnail previews and total preflight control. Colour and b&w documents are efficiently selected for printing in collated sets with the ability to designate custom output preferences before print submission.

- ADVANCED RIBBON STYLE INTERFACE
- THUMBNAIL IMAGE PREVIEWS IN COLOUR AND BLACK & WHITE
- SCHEDULE PRINT JOBS BY DATE AND TIME
- DIGITAL ENLARGEMENT / REDUCTION 5% – 3600%
- ONE-STEP FILE VIEWING, PANNING, AND ZOOMING
- IMAGE STAMPING ALLOWS MERGING OF TWO FILES FOR PRINTING



## KIP PRINTNET



KIP PrintNET is a true web-based print production tool that delivers powerful colour file viewing & printing, KIP C7800 job queue management and administration features without the need to install any software applications on network computers. Users may select and print single or multiple files, complete with image adjustments such as scaling, stamping and colour management.

The PrintNET viewer is operating system independent, quickly displaying images in crisp colour, greyscale or b&w for precise graphics, photos and fine lines. Integrated image viewing provides instant file authentication and an accurate representation of the final printed product, complete with custom image settings.

- PRINT FULL JOB SETS FROM ANYWHERE
- UNLIMITED NUMBER OF FILES PER JOB
- 100% WEB BROWSER COMPATIBILITY
- INTEGRATED VIEWING DISPLAYS ACCURATE IMAGES
- APPLY PRINT SETTINGS TO SINGLE FILES OR COMPLETE JOBS
- FAST FILE PROCESSING FOR MAXIMUM PRODUCTIVITY



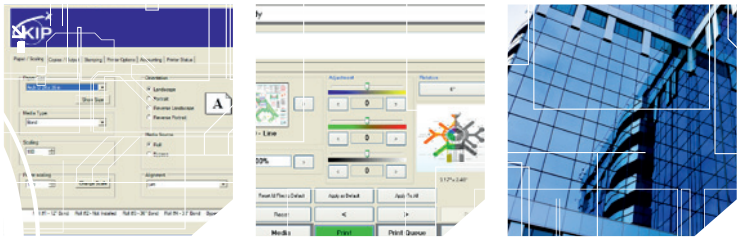




## CERTIFIED KIP PRINT DRIVERS



KIP certified application drivers support 32- & 64-Bit printing features including set collation, fast spooling for multiple copies or sets, data tracking for job accounting, media selection & Windows 7 Device Experience. AutoCAD versions up to 2013 are fully supported.



## KIP CLOUD PRINTING



The ability to produce large prints using simple email with attachments and a few key words helps keep mobile clients on the go to stay productive.

KIP Cloud Printing is a direct email based feature that does not use any intermediary servers, providing total document privacy and security for printing from any connected device.

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



## KIP COST REVIEW APPLICATION



Print costs vary due to toner coverage, media type and system maintenance. These costs are calculated and translated into detailed reports to accurately invoice users, departments, projects or clients.

When activated, the KIP Track system requires operators to provide username & password information before operating a KIP system. Activity reports can then be generated related to individual users or projects. KIP Track print controls are integrated with the KIP Cost Review Application.

- TOTAL PRINTING SUMMARY
- TONER COVERAGE REPORTS
- MEDIA REPORTING
- COST PER PRINT REPORTS
- SERVICE COST REPORTS
- RECENT JOBS REPORTS
- TOTAL PRINTING SUMMARY
- TONER COVERAGE REPORTS
- MEDIA REPORTING
- SQUARE METRE REPORTS



## KIP COLOUR RIP



KIP Colour RIP gives imaging professionals advanced colour management with integrated support for professional level colour management using ICC profiles.

KIP Colour RIP software includes powerful quality control features, image editing capabilities, advanced image paneling, nesting for optimum media usage and much more.

- RIP SYSTEM FOR GRAPHIC FILES
- EXPANDED PRINT COLOUR GAMUT
- PROFESSIONAL COLOUR MANAGEMENT
- IMAGE TILING, CROPPING, & NESTING
- ADVANCED PREFLIGHT CONTROLS
- INTEGRATES WITH MULTIPLE PRINTERS



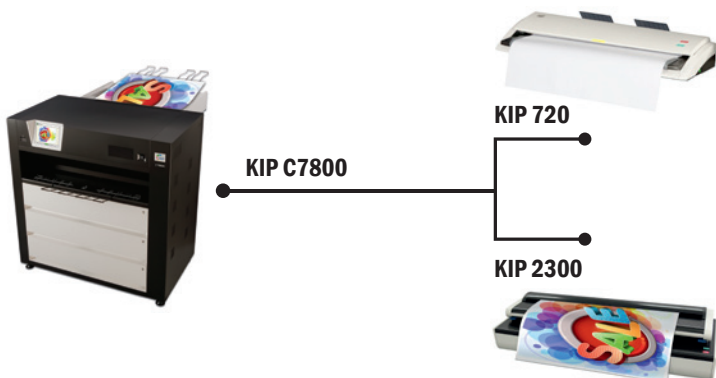
## KIP COLOUR ADVANCED & PRO



KIP Colour Advanced features a range of colour copying and scanning features with support for multiple printers and full integration with KIP 2300 and KIP 720 wide format colour scanners.

KIP Colour Pro software provides all the features of KIP Colour Advanced, plus file to print, professional ICC colour management, image editing capabilities, paneling of images for outdoor graphics, nesting of images for optimum media usage and much more.

- SUPPORTS A FULL RANGE OF COLOUR FILE FORMATS
- PROFESSIONAL OUTPUT OPTIONS
- INTEGRATES WITH SINGLE OR MULTIPLE PRINTERS
- ACCURATE COLOUR FROM CLOSED-LOOP CALIBRATION
- ADVANCED IMAGE ENHANCEMENT OPTIONS
- SCAN TO EMAIL, USB DRIVES, MAILBOXES OR NETWORK



## KIP INTEGRATED SOLUTIONS



The KIP Connectivity Kit allows 3rd-party colour print production applications to utilise the KIP C7800 bi-directional communication system for the full feature set of each application.

All popular RIP applications, applications for creating posters and banners, and other workflow applications are able to take advantage of the KIP Connectivity Kit to enhance system productivity and provide additional system features and custom capabilities.

- CERTIFIED FOR USE WITH 3RD PARTY RIP APPLICATIONS
- SEAMLESS INTEGRATION WITH KIP C7800
- PROVIDES FULL PRINT, COPY AND SCAN CONNECTIVITY
- EXPANDS COLOUR WORKFLOW POSSIBILITIES
- INTEGRATION WITH KIP C7800 TOUCHSCREEN CONTROL
- INTEGRATION WITH KIP COST REVIEW APPLICATION



# THE COLOUR OF KIP IS GREEN



KIP is committed to product designs that promote environmental health and sustainability. Our goal is to consistently improve and refine the technologies in KIP products to keep our planet green.

The greatest environmental impact of KIP products is through the actual operation of our products and solutions. Our goal is to improve the customer experience by integrating environmental considerations into our business strategy – resulting in superior products.

## KIP EARTH CONSCIENTIOUS ASPECTS

- ENERGY STAR QUALIFIED
- ROHS COMPLIANCY
- ISO 14001 STANDARDS
- OZONE EMISSIONS FILTERS
- UL/UL-C APPROVED
- ORGANIC, RECYCLABLE PHOTORECEPTORS
- RECYCLABLE TONER CONTAINERS
- PRINTS ON RECYCLED PAPER
- AUTO IMAGE ROTATION & MEDIA SELECTION ENSURE MINIMAL PAPER WASTE



## KIP PREMIER PERFORMANCE & BUILD QUALITY

KIP is committed to providing the highest value standards by combining the best in hardware & software technology to create superior products at affordable prices. KIP systems are quality engineered for production class operation and reliability. State-of-the-art printing technologies and advanced self diagnostic systems maintain system productivity to ensure maximum uptime. We differentiate our products by integrating environmental benefits such as energy efficiency, emissions reduction and the ability to recycle supply containers, to deliver an improved operational experience.



# KIP C7800 SPECIFICATIONS

GENERAL	
<b>Description</b>	High production colour and monochrome wide format print system, 3 rolls
<b>Type</b>	LED Array Electro Photography / four colour (CMYK) dry toner
<b>Speed</b>	Up to 390 sqm. per hour in b&w; up to 325 sqm. per hour in colour
<b>First print output time</b>	Less than 43 seconds A0 size page
<b>Warm up time</b>	3 minutes from power on
PRINTER SPECIFICATIONS	
<b>Print resolution</b>	600 x 2,400 dpi
<b>Paper capacity</b>	418 sqm. and auto sheet feeder
<b>Output sizes width</b>	297 - 914 mm
<b>Output sizes length</b>	210 mm - 40 m
<b>Media weight</b>	Bond: 64 - 150 gsm; Vellum: 80 - 95 gsm; Film: 75 micron; Gloss 120 gsm
<b>Media type</b>	Bond, Translucent Bond, Film, Double Matte, Clear Film, Weather Proof Banner Film, Waterproof Bond, Film White Opaque Adhesive back/6mil, Film Clear Adhesive back, Blueback, Digital Banner Media, Bright Fluorescent Bond, (Yellow, Orange, Green, Blue)
ENVIRONMENT	
<b>Electrical requirements</b>	220 - 240 V, 50/60 Hz, 20 A
<b>Power consumption</b>	Standby: 0.8 kW; printing: 2.0 kW; power saving mode: 10 W
<b>Dimensions (WxDxH)</b>	1,376 x 790 x 1,450 mm
<b>Weight</b>	540 kg
IMAGE PROCESSING	
<b>Controller type</b>	Embedded with Windows XPe CPU, Intel Quad Core Xeon 2.13 GHz
<b>Memory</b>	3 GB; hard drive: SSD SATA 3, 120 GB
<b>Compatible file formats</b>	<b>Raster Colour:</b> TIF, JPG, JPG2000, PNG, BMP, GIF, TGA, RLE/RLC <b>Vector Colour/Mono:</b> HPGL, HPGL/2 HP-RTL, Postscript(PS/EPS), Adobe PDF, Autodesk DWF, Multipage PDF & DW <b>Raster Mono:</b> TIF Grp 3 & 4, CALS Grp 4, Grayscale TIF, IBM IOCA, Intergraph CIT/TG4, Government C4 <b>Vector Mono:</b> Calcomp 906/907
KIP 7.4 PRINT MANAGEMENT SOFTWARE	
SOFTWARE - STANDARD	
<b>KIP Image Processing System (IPS)</b>	Colour/mono printing from removable media such as standard USB drives, network drives; system management
<b>KIP Printing Applications</b>	Certified KIP Windows/AutoCAD Drivers, KIP touchscreen printing
<b>KIP Cost Review App / Track System</b>	PC-based application to review toner/service costs
SOFTWARE - OPTIONAL	
<b>KIP PDF Printing</b>	Support for PDF and Postscript levels 1, 2 & 3
<b>KIP technical print submission tools</b>	<b>KIP Print:</b> PC-based submission utility with ribbon interface job building <b>KIP PrintNET:</b> Web browser-based submission utility with browser independent features <b>KIP Cloud Printing:</b> KIP Web Apps to produce large prints using email attachments and key words only <b>KIP iView &amp; iPrint:</b> KIP iPad App to quickly view and print files from iPads using KIP systems
<b>Graphical print submission</b>	<b>KIP Colour RIP :</b> Colour management application for CAD and Graphic Art environments <b>Caldera Grand RIP+ for C7800:</b> Special solution package for demanding Graphic Art users <b>Fiery XF RIP for C7800:</b> Special solution package for demanding Graphic Art users
<b>KIP Connectivity Package for 3rd Party Integrated Solutions</b>	Integration with KIP C7800 through integrated solution keycode for seamless print solution for KIP approved 3rd party RIPs including Caldera, EFI & PrintShop Mail
SYSTEM CONFIGURATION - STANDARD	
<b>Colour/mono network printer with slant stacker, 3 rolls</b>	Wide format console printer with standard KIP C7800 stacker; including Image Processing System
<b>Multifunction system (print/copy/scan), 3 rolls with slant stacker and optional scanner</b>	Wide format console printer with standard KIP C7800 stacker; including Image Processing System; with optional KIP 720 / 2300 scanner in dual footprint configuration
SYSTEM CONFIGURATIONS - OPTIONAL	
<b>Stacking systems</b>	KIP C7800 auto stacker
<b>Folding systems</b>	KIPFold 2000 online folding system
<b>Cut &amp; trim systems</b>	KIPCut for C7800 - inline cut & trim system
<b>Scanning systems for KIP C7800 network printing system</b>	KIP 720 CIS colour scanner, KIP 2300 CCD colour scanner



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