KR Phoenix- 4C

4 Color Inkjet Print System

Easily integrated into any existing press as a digital add-on module, turning it into a cost-effective color digital press.
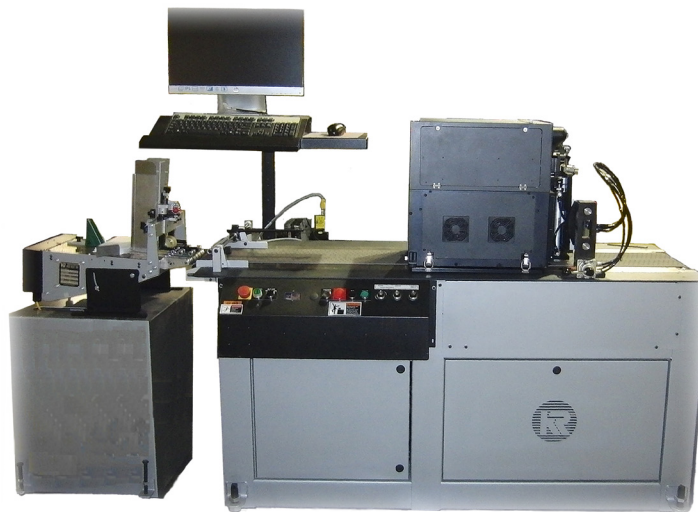
Utilizing one of the fastest and highest resolution inkjet print head technology, the **Phoenix- 4C** printer meets the increasing and rigorous demands for printing barcodes, serial numbers, dates, times, and text on coated and uncoated substrates.

- **8.5 inches of print at 600 dpi up to 656ft/min**
- **UV, water-based dye or pigment, MICR ink**
- **Low ink costs**
- **Powered by Kirk-Rudy XJet software**
- **Add multiple print heads for up to 17" of print**

Phoenix- 4C printer is suitable for web printing, sheet-fed, targeted marking and security printing applications. The modular design offers greater flexibility to combine the **Phoenix-4C** printer with different technologies, such as feeding, UV curing, camera inspection, or host PC.

Moreover, different head modules of **Phoenix- 4C** printer and **Phoenix** printer can be combined to make a more complicated printing system for different print widths and either monochrome or color printing. **Phoenix- 4C** printer prints clear and sharp edges at the high resolution of 600X600dpi. Text as small as 4pt is perfectly legible.

Utilizing one of the Fastest & Highest Resolution Inkjet Print head Technology!

Supported fonts and barcodes

Supports 1D and 2D barcodes plus many more

- Single-line, multi-line, numeric codes, time, and serial numbers
- Character, True Type, Type-1 support
- 1-D Barcodes include EAN-13, EAN-8, Code 39, Code 128, Codabar, GS1 DataBar-14, IATA 2 of 5, Inter leaved 2 of 5, JAN-13, UPC-A, POSTNET
- 2-D Barcodes include PDF417 and QR Code

MICR standard support available for check printing:
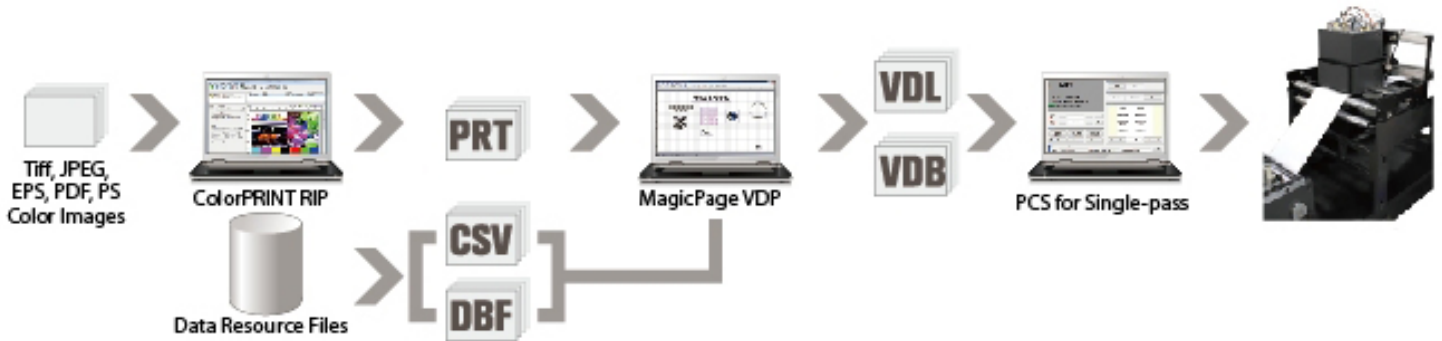
- E-13B and CMC-7 font

Applications

Color Books | Catalogs | Transpromos | Envelopes | Business Forms | Security Forms | Labels | Packaging | Tickets | Plastic Cards | Lottery/Bingo
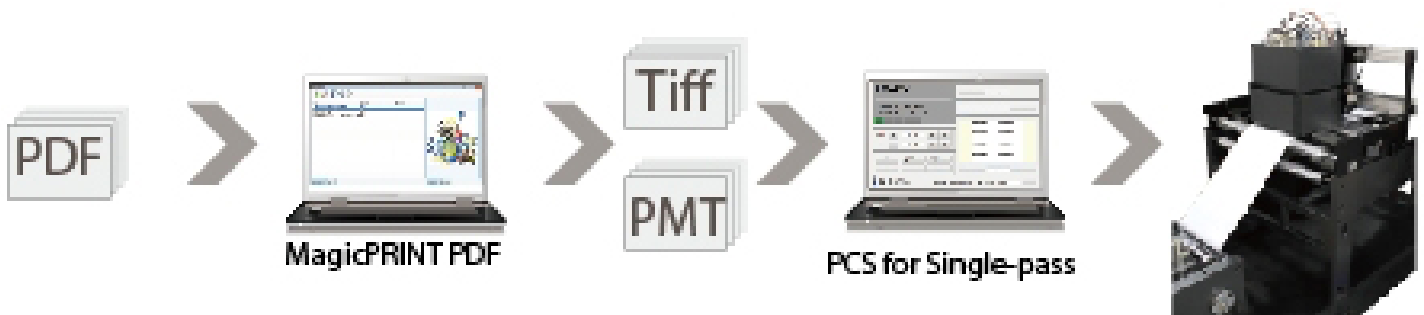
Efficient Workflow

VDP Workflow

MagicPage VDP workflow integrates multiple advanced technologies, from color management, RIP, content collaboration, to output production. The efficient and streamlined workflow enables users to achieve high-speed, accurate, and vivid color variable data printing.

PDF Workflow

PDF workflow is suitable for short-run printing, including color book, envelope, transpromo, magazine and catalog printing. MagicPRINT PDF is professional RIP software. It features a multi-core CPU high speed RIP and ICC color management support.
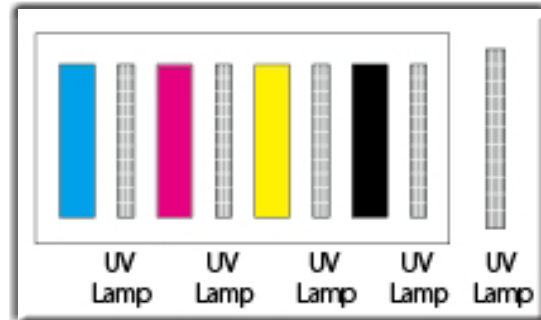
KR Phoenix-4C
Inkjet Print System

** General Specifications

Variable Droplet Size Control

UV Ink Pinning and Curing

Highlights

- The patented, multi-angle adjustment mounting bracket enables the operator to adjust the angle of the X, Y, and Z-axis directions for each print head module

- Field upgradable firmware and system software Automatic alarm signaling ink shortage

- Advanced variable droplet size control technology enables 1 to 3 levels of ink drop size control to improve the print quality of gradations and color

- Precise Active Meniscus Pressure Control

- Proven ink system

Integrated Control for UV Ink Pinning and Curing

- KR Phoenix- 4C offers UV ink pinning and curing solutions for "pinning" of the ink droplets to control dot gain which provides sharper and more vibrant images print quality

Specifications				
Models		Phoenix 4 Color C108	Phoenix 4 Color C216	Phoenix 4 Color C108P
Head Modules*				*UV Lamp*
Print Head Model		Kyocera KJ4		
Number of Print Head and UV Lamps		4 Heads	8 Heads	4 Heads, 4 UV Lamps
Ink		UV, waterbased, dye, pigment, or MICR ink		UV ink
Number of Colors		Full Color		
Resolution		600 dpi		
Dropsize	Water-based ink	5pl, 7pl, 12pl, 18pl		
	UV ink	6pl, 7pl, 11pl, 14pl		
Print Type		Images, text, serial numbers, barcodes, dates, time, MICR Fonts etc.		
Printing Width		108mm (4.25")	216mm (8.5")	108mm (4.25")
Print Productivity unit:m/min (ft/min)				
Water-based ink	600x300dpi	150-200 (492-656)		
	600x600dpi	75-100 (246-328)		
UV ink	600x300dpi	100-150 (328-492)		
	600x600dpi	50-75 (164-246)		

*Customized versions available, including different print widths, number of colors, and print resolution. Contact us to discuss your requirements.