

IncaColumbia



The fastest flatbed in the world just got faster!

The Inca Columbia - Quality AND Quantity

With superior print quality, the Inca Columbia wide format flatbed printer can also print at extremely high speeds, more than 1300ft²/hour. This impressive combination of high resolution print quality and record achieving speed sets new standards in the wide format graphics market place

The Inca Columbia, like the Inca Eagle, provides a unique set of benefits for the wide format graphics printer.

- **No pre-press** - a powerful Wasatch 4.4 RIP accepts all common files and processes them at high speed ready for printing
- **Minimal set up time** - simple machine operation and accurate job positioning enable immediate printing
- **Customized printing** - run lengths as low as one provide four color variable data
- **Low print waste** - sophisticated, high precision engineering reduces waste to a minimum with no 'Just In Case' printing
- **Direct to substrate** - Prints onto standard substrates without special coatings to a thickness of more than one and a half inches
- **Superb image quality** - Print resolution up to 1200dpi sets new standards for outdoor graphics.
- **Prints to edge of sheet** - extreme register accuracy ensures that images can be printed to bleed, eliminating trimming in many cases
- **On press proofing** - the perfect solution for customer acceptance
- **UV curing 'on the fly'** - instant drying of Uvijet inks means that press speed and print drying are not compromised
- **No overcoat required** - laminating and over varnishing are unnecessary with Sericol Uvijet ink
- **Minimal post print processing** - no mounting to rigid sheets, no cutting from the roll enabling customer delivery direct from the press

SERICOL
More than ink...Solutions.

IncaColumbia Specifications*

Press

Print technology	Piezo drop on demand inkjet
Print speeds	Variable up to 1325ft ² /hr (123m ² /hr)
Format	126 inches x 63 inches (3.2 meters) x (1.6meters)
Maximum substrate thickness	1.5 inches (40mm)
Maximum weight per sheet	88 pounds (40 kilograms)
Resolution	Variable up to 800 dpi x 1200 dpi

Operator Console

Pentium twin Xeon PC with UPS and dual 36GB SCSI hard disk
Eaglerun software for choosing print jobs and positioning
Touchscreen for machine control functions

RIP

Wasatch 4.4
Windows 2000 workstation
Dual 80Gb hard disks
Intel Pentium 4 2.4GHz

Sericol Uvijet Inks

Four color process
UV curing, pigmented inks
Durable outdoor 2-3 years

Physical Dimensions

Width	10.5 feet (3.2 meters)
Length	31 feet (9.45 meters)
Height	6 feet (1.77 meters)
Weight	6600 lbs (3000 kilograms)
Space requirements	50 feet x 25 feet (15 meters x 7.5 meters)

Requirements

Voltage supply	Constant power supply 380/400V 3-Phase neutral & earth, power rated to 32 amps per phase. Network 100BaseT.
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* Data subject to change without notice.

Uvijet

... leading edge liquid technology

With more than 25 years experience in UV ink chemistry, Sericol Imaging offers a range of ink systems that are a generation ahead.

Uvijet inks dry instantly when activated by UV radiation so they remain stable in the printhead, ensuring faithful reproduction, whilst drying fast enough to keep up with the speed of the Inca Columbia press.

Micro-V pigment dispersions

Using the unique Micro-V dispersion technology, Uvijet inks provide vibrant, durable, ultra-wide gamut colors using automotive grade pigments with the highest lightfastness rating to ensure your prints last and last.

The Uvijet range is designed to print onto almost everything the wide format graphic printer demands, from paper and board to a wide range of plastics.

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