

INCA SPYDER 320

large format, high quality U.V. printer

FUJIFILM

Inca Spyder 320

FLATBED UV PRINTER

*unparalleled speed,
quality and output*



With hundreds of installations worldwide, Inca flatbed equipment is proven to be the fastest, most reliable, high resolution flatbed digital presses in the market today.

The Inca Spyder 320 has the right combination of speed, quality and affordability. It prints at speeds up to 860 ft² per hour directly onto the widest range of flexible and rigid substrates up to 1.2" thick. The Spyder has a 126" x 63" image area and occupies a compact footprint. It is available in four, six or eight channel models, plus a white configuration, and is priced to ensure a quick return on your investment.

Inca Spyder 320 Features:

- Flatbed design for easy load and unload of rigid materials
- Highest quality and reliability
- The fastest print speeds in its class, with market-leading print quality and high definition detail.
- A new Uvijet ink system from Fujifilm Sericol that provides superior adhesion and flexibility with a satin finish
- Large printing are of 63" x 126" with a small footprint of 10' x 16'
- The versatile family of Spyder presses includes the Spyder 320-e, Spyder 320, Spyder 320+ (CMYKLcLm), Spyder 320+ (CMYK+White), Spyder 320-8 (Lc, Lm, two layers of white or other colors), and the NEW Spyder 320 Q with 10 picolitre heads for extra-fine resolutions.

**Digitally
Driven**

THE INDUSTRY STANDARD

The Spyder 320 printers are Inca's best selling printers to date, unrivalled in their popularity. Developed as a modular system, the Spyder 320 offers the flexibility to grow and adapt your changing print business.

QUALITY AND RELIABILITY

The 320's small 28 picolitre drop size, combined with Inca's own print module technology, delivers the precise ink drop placement which produces the excellent print quality for which Inca is renowned. Linear drives and air bearings provide exceptionally smooth, controlled and accurate motion of the print carriage which delivers the fine text and clean lines synonymous with the Inca Spyder.

UVIJET INK

The FUJIFILM Sericol Uvijet family of inks offers excellent adhesion and flexibility. Uvijet inks have been developed for a wide range of uncoated media. Ideal for both indoor and outdoor applications including banners, POP, backlit images, exhibition graphics, signage, printing onto glass, metal, acrylic and board for example. These inks have been specifically formulated to maximize production output and provide a wide colour gamut coupled with bright colours.



Inca Spyder 320

SPYDER 320 Q

The Spyder 320 Q features a new printhead unique to Inca that accurately delivers a fine resolution 10 picolitre drop size at production speeds of up to 448 sqft/hr. The result is a printer that produces fine quality, photorealistic prints at higher speeds. The Spyder 320 Q Fine Quality is ideal for applications where a crisp image, fine lines and sharp text is critical such as high fashion graphics, gaming machine panels and closely viewed prints. With smoother edges producing easier to read prints at all viewing distances and even crisp reversed out 4pt text.

SPYDER 320-8

The new Spyder 320-8 Series offers you the capability to specify which combination of colours are most suited to your business alongside the CMYK four process colour inks. Initial options include light cyan, light magenta, two layers of white (overprint, underprint) or other colours. Additional colour configurations are in development.

SPYDER 320+ Six Color

SPYDER 320+ six color has 24 printheads arranged as six print modules. In addition to Fujifilm Sericol's Uvijet CMYK inkset, it offers light cyan and light magenta. This, coupled with Inca's use of small drop printheads, means smoother colour transitions which minimise the graininess of light colours such as skin tones. It offers customers the ideal solution for point of sale advertising material with closer viewing distances for high value products such as cosmetics and jewelry.

SPYDER 320+ White

SPYDER 320+White has 24 printheads arranged as six print modules. It offers customers the opportunity to print a white layer under or over the CMYK image, using automatic print modes selected at the RIP. White can also be used it as a spot colour as part of the image. Since all Spydere excellent precision motion, registration pins and full bed vacuum tables, it is possible to over or underprint with a high degree of accuracy, maximizing finished product quality and minimizing wastage. Multiple layers can easily be used to vary opacity. Ideally suited for printing direct to rigid substrates for shorter run high value backlit work onto glass and plastics, including lenticular signage or printing onto non-white materials such as metals, boards and coloured display materials.

SPYDER 320

Spyder 320 four colour offers fast and accurate printing that produces a print quality ideal for a wide range of point of sale, graphic and industrial applications and delivers smooth tones as well as sharp lines and text. It offers 16 printheads arranged as four print modules, one per colour. Spyder 320 has been designed to be easily upgradable on the customers site to either of the 'plus' options with white or six-color.

SPYDER 320-e

Spyder 320-e has all the design features of the Spyder 320 range but with half the number of printheads and an economical selling price. Available as a 4 colour CMYK ink set, it can be easily upgraded at a customers site to the faster Spyder 320, or the more flexible 'plus' options with white or six-colour.

SPECIFICATIONS:

INCA SPYDER SPECIFICATIONS

PRINT TECHNOLOGY

- Piezodrop-on-demand inkjet

FORMAT

- 126 inches x 63 inches

Max. substrate thickness

- Up to 1.2 inches thick

Max. weight per sheet

- 176 lbs

RESOLUTION

- Up to 1,000 dpi depending on print mode selected

OPERATOR CONSOLE

- 2 X Pentium Xeon 3.0 GHz or greater with two 36GB hard disks, Touch screen for machine control & functions

RIP

- Wasatch SoftRIP version 5.1.1

FORMATS

- All popular desktop formats including PostScript 3, EPS, TIFF, PDF, using both RGB and CMYK

SERICOL UVIJET UV INKS

- C M Y K Lc Lm W O V
- 5 liter units UV-curing, pigmented inks, Durable outdoor for two years

PHYSICAL DIMENSIONS

Width

- 10.2 feet

Length

- 16.1 feet

Height

- 4.6 feet

Weight Approx.

- 5,500 lbs

Space requirements

- 20' x 23' (allowing for access)

REQUIREMENTS

Voltage Supply

- 220-240V single phase 50-60Hz, rated at 20 amps

NETWORK

- 100BaseT

AIR REQUIREMENTS

- Factory Air at 96psi (6.5 bar) at 50 std liters per min. (to ISO 8573-1 Class 1.4.1)

* Product specifications are subject to change without notice.

MACHINE	MODE	SPEED sqft/hr
Spyder 320 Q	Production	448
	Quality	363
Spyder 320-8	Fastest	860
	Production	699
	Quality	462
Spyder 320+ Six Color Spyder 320+ Six Color + White	Fastest	860
	Production	699
	Quality	462
Spyder 320	Fastest	860
	Production	699
	Quality	462
Spyder 320-e	Fastest	430
	Production	355
	Quality	215

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