



Spyder 320

Quality, Versatility and Innovation

The Spyder 320 range of UV flatbed printers is the most versatile platform from technology-leading Inca Digital. The flexible modular design combined with Fujifilm Sericol's Uvijet Ultratone inkjet ink allows the end user to tailor the platform and colour combination to suit the needs of today's diverse visual communications market.

Inca Spyder 320 Range

Technical Specifications

	Spyder 320-e	Spyder 320	NEW Spyder 320Q
Print area (max)	3.2 x 1.6m 126 x 63"	3.2 x 1.6m 126 x 63"	3.2 x 1.6m 126 x 63"
Print area (min)	148 x 210mm 5.82 x 8.26"	148 x 210mm 5.82 x 8.26"	148 x 210mm 5.82 x 8.26"
Productivity Print speed per hour m²/ft²			
Application: Poster	35m /377'	60m /645'	X
Display/POP	25m /269'	55m /592'	37m /396'
High quality	20m /215'	43m /463'	29m /310'
Back lit	10m /108'	25m /269'	20m /214'
Substrate thickness	30mm /1.2"	30mm /1.2"	30mm /1.2"
Print finish	Satin	Satin	Satin
Direct to rigid and flexible substrates	✓	✓	✓
Machine Features			
Number of Piezo print heads per print module	2	4	4
Full vacuum table	✓	✓	✓
Micro height adjustment control for maximum print quality	✓	✓	✓
Print edge to edge	✓	✓	✓
Print double sided in registration	✓	✓	✓
Fixed registration points	Dual	Dual	Dual
Text quality	Fine(6pt)	Fine(6pt)	Superfine(4pt)
Colour Options			
Light Colours	X	○	○
White	X	○	○
Additional Uvijet Ultratone Colours	X	○	○

	Spyder 320-e	Spyder 320	NEW Spyder 320Q
Ideal applications			
Point of Purchase	✓	✓	✓
In-store graphics	✓	✓	✓
Exhibition graphics	✓	✓	✓
Theatre graphics	✓	✓	X
Backlit displays	✓	✓	✓
Indoor signage	✓	✓	✓
Outdoor signage	✓	✓	✓
Construction & real estate signs	✓	✓	✓
Lenticular/3D printing	✓	✓	✓
Rigid building coverings	✓	✓	X
Physical Characteristics			
Power supply	220-240v single phase	220-240v single phase	220-240v single phase
Width	3.03m (9.9')	3.03m (9.9')	3.03m (9.9')
Length	4.83m (15.8')	4.83m (15.8')	4.83m (15.8')
Height	1.4m (4.6')	1.4m (4.6')	1.4m (4.6')
Maximum substrate weight	80kgs (176lbs)	80kgs (176lbs)	80kgs (176lbs)
Space requirement	6m x 7m (20 x 23')	6m x 7m (20 x 23')	6m x 7m (20 x 23')
Approximate weight	2500kgs (5500lbs)	2500kgs (5500lbs)	2500kgs (5500lbs)
Factory air requirement	96psi	96psi	96psi
RIP	Wasatch	Wasatch	Wasatch
Network requirements	1000BaseT	1000BaseT	1000BaseT

✓ Standard ○ Optional X Not available or recommended

Features and Benefits

Range Capabilities

The Spyder 320's versatility allows for customisation to suit each individual business:

- Choice of printhead configuration
- Binary printhead technology delivering 10 or 28 picolitre drop size
- **NEW** Uvijet Ultratone colours for exceptional spot colour reproduction
- Speed & quality combinations
- Modular design with easy upgrade path

Flat-bed design

- Large vacuum bed with compact footprint
- Ergonomic design for ease of material handling
- Capable of supporting up to 80kgs (176lbs)

Dual x-y registration

The Spyder 320 unique dual registration pins allow:

- Edge to edge printing
- Double sided printing
- Ideal for interchanging between screen and digital printing
- Best in class for producing Lenticular 3D imaging

The Uvijet Advantage

Using Sericol's unique Micro-V ultrafine dispersion technology to maximise pigment loading. Uvijet UV curing inks deliver strong vibrant, lightfast colours, now with the option of Uvijet Ultratone colour enhancement.

- Environment-friendly UV curable process
- Specifically formulated for each individual printer
- Excellent chemical and abrasion resistance
- Exceptionally wide adhesion range*
- Printhead replacement programme available
- 5-litre open top containers for ease of use

* For certain applications the use of a Uvijet adhesion promoter is recommended.



SERICOL
More than ink...Solutions.

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As part of our commitment to protecting the environment, we have sought to produce this brochure with the minimum environmental impact.

Printer: Breckland Print - ISO 14001-accredited and FSC-certified printer that has implemented a wide range of materials, energy and waste-reducing initiatives

Plates: FUJIFILM Brillia HD PRO-T - processless plates that eliminate the processor, chemistry, water and waste from the plate production process

Paper: Greencoat Plus Velvet - FSC-certified, 80% post-consumer waste recycled paper

Inks: Ultrachem Reflecta eco - vegetable-based