



ENGINEERED
PRINTING SOLUTIONS

Multipass Inkjet Printers

Flatbed Inkjet Printers



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Cylindrical Inkjet Printers

FJET24 GEN2

The FJET24 Flatbed Inkjet Printer is a high-resolution, high-speed flatbed industrial inkjet printer. This 24" printer supports single- or bi-directional CMYK + WW printing and is excellent for industrial products, medical devices, electronics, appliances and much more.

FEATURES

- Prints high-quality images up to 1200 dpi
- High-speed uni- or bi-directional printing
- Offset white heads allow CMYK + W printing simultaneously
- Large 1.5 liter ink tanks for each color
- Clear coat available
- Automatic print head maintenance
- Best for flat to semi-flat materials
- Maximum print area 24" x 20".
- Platen height adjustment up to 6"
- System includes dedicated PC installed with ColorPrint RIP software
- Drop-on-demand UV-LED ink with rapid curing
- High-opacity whites
- Two uv-LED curing lamps
- White ink continuously circulated
- Prints a full bed CMYK + WW in under two minutes



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SPECIFICATIONS:

Maximum Print Area	24" x 20"
Maximum Product Height	6" (150mm) thickness
Maximum Resolution	1200 dpi
Number of Print Heads	6 (CMYK + WW)
Ink Type	UV Curable
Compatible Software	Adobe Illustrator & Photoshop, Corel Draw
Image Processing Software	ColorPRINT RIP Software
Software Features	Job & Print Queue Management
Control Panel	LCD Display Panel
Computer	Industrial PC with RIP software
Ambient Temperature	68F to 86F (20C to 30C)
Humidity	40-70% Recommended
Physical Space	68" x 54" x 59"
Power	220VAC - Single-Phase



The **FJETXL** is designed to combine in one industrial flatbed inkjet printer high-quality performance and high speed at an affordable price. The FJETXL delivers vivid colors and fine details, and at the same time, works seamlessly with professional ColorPRINT RIP and color management software.

- Best for flat to semi-flat materials
- Produces sharp images with smooth gradients up to 1200 x 1200 dpi
- Maximum print area 41.75" x 24"
- Platen height adjustment up to 6"
- Extended height available
- Drop-on-demand UV-LED ink with rapid curing
- High-opacity whites
- Large 1.5 liter ink tanks for each color
- Clear coat available

FJETXL FEATURES

- Drop-on-demand UV LED cure inks.
- Continuous multi-color printing in a single pass
- High Quality WW+CMYK images with 4 levels of grayscale
- The industrial inkjet printer is easy to operate and requires no special maintenance
- Optional custom automation for parts handling, inline pretreatment & vision systems

SPECIFICATIONS:

Maximum Print Area	41.5" x 24"
Maximum Product Height	20" (508mm) thickness
Maximum Resolution	1200 dpi
Number of Print Heads	3-4 (CMYK + WW) *Optional Varnish
Ink Type	UV Curable
Compatible Software	Adobe Illustrator & Photoshop, Corel Draw
Image Processing Software	ColorPRINT RIP Software
Software Features	Job and Print Queue Management
Control Panel	LCD Display Panel
Computer	Industrial PC with RIP software
Ambient Temperature	78F to 86F (20C to 30C)
Humidity	40-70% Recommended
Physical Space	52" x 55.25" x 100"
Power	220VAC - Single-Phase



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- Accommodates both tapered and flat-walled cylindrical objects up to 330 mm in length, with diameters ranging from 50 mm to 120 mm.
- Up to 6 ink channels
- Subtle gradients and halftones with seamless 360-degree printing
- Ricoh Gen6 printheads
- Print a 600 x 900 dpi image that is 229 mm x 170 mm with W + CMYK + V on four parts in about 38 seconds in production mode.

DualSpin Pro				
	Print Mode	CMYK	WW*CMYK	WW*CMYK+VV
Parts per hour	Express	847	654	436
	Production	685	514	334
	Quality	553	411	271
Unit ink cost		\$0.0020	\$0.0070	\$0.0130



10 Color Channels:

W + CMYK Lc Lm + OR GR + V

The **FJETXL PRO** is a UV-LED flatbed inkjet printer tailored for high-fidelity color printing (hexachrome printing) of CMYK plus orange and green to expand color gamut for better color reproduction. The addition of orange and green inks greatly broadens the color spectrum and gains more control over a variety of prints. The FJETXL PRO makes prints more attractive and competitive by outputting not only a new range of oranges and greens, but also bright and vibrant yellows, reds, purples, blues, while maintaining smooth gradients. The FJETXL PRO printer is an ideal solution for industrial decoration, personalized souvenirs, customized gifts, and special promotional materials.

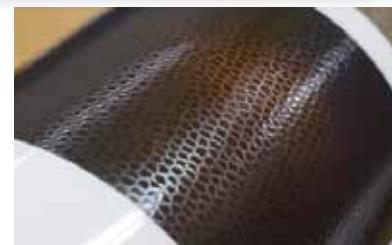
PRINT PRODUCTIVITY		FJETXL PRO		
Print Head Model		MH5320		
Number of Heads		4	5	6
Colors		CMYK Lc Lm + Or Gr	W + CMYK Lc Lm + Or Gr	W + CMYK Lc Lm + Or Gr + V
Productivity	1440 x 600 dpi, 4 pass	17.3 (186.7)	16.1 (172.8)	6.7 (71.7)
Unit: m ² /hr (ft ² /hr)	1440 x 900 dpi, 6 pass	13.4 (144.5)	12.4 (133.9)	4.5 (58)
	1440 x 600 dpi, 8 pass	10.7 (115.2)	9.9 (107)	5.4 (48)



Active Negative Pressure System
with digital control



Automatic Ink Supply System



Varnish printing provides a variety of tactile and visual effects.



The BottleJet is a multi-color, UV-LED, high-resolution industrial inkjet printer designed specifically to print direct-to-shape on cylindrical objects. Able to accommodate either flat- or taper-walled parts, the BottleJet is ideal for printing up to 1200x900 dpi images on pint glasses, water bottles, and other drinkware. Now with significant improvements over the previous model!

FEATURES

- Upgraded firmware:
 - Start printing position can now be specified along with x and y positions
 - Speed calibration is more accurate and is automatically stored, reducing setup time
- New Mist Extractor collects and filters any errant ink droplets.
- UV Curing Lamp increased from 3W to 6W
- Added UV Sensor to enhance safety and reduce risk of damage to heads
- Added ink mist collector beside the UV lamp
- Improved bottle fixture with additional rollers and quick-release for fast changeovers
- Improved lead screw servo motor
- Improved stirring method for white ink: integrated agitator mixes white ink according to pre-set timer even while machine is off

SPECIFICATIONS:

Max. Print Area	Cylindrical Object from 0 - 270mm length Diameter from 40 - 120mm with printing area up to 220mm high
Max. Product Height	270mm
Max. Resolution	Minimum 728 x 900 dpi (6 Pass) 728 x 1200 dpi (8 Pass)
No. of Print Heads	Up to 4 RICOH Gen 4 print heads
Ink Type	UV Curable
Compatible Software	Adobe Illustrator & Photoshop, Corel Draw
Image Processing Software	ColorPRINT RIP Software
Software Features	Job and Print Queue Management
Control Panel	CD Display Panel
Computer	Industrial PC with RIP software
Ambient Temperature	68F to 86F (20C to 30C)
Humidity	40-70% Recommended
Physical Space	56.6" x 51.2" x 22"
Printing Speed	Up to 3 Rotations / sec based on 73mm (3") diameter



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BOTTLEJET DUALSPIN



The BottleJET DualSpin is endowed with amazing print productivity and quality for simultaneous printing of 2 tapered/cylindrical objects. The DualSpin has two loading stations allowing for loading of one station while the other is printing. Print one, two, three, or four different designs in one job!



Extended color gamuts available

FEATURES

- Up to 10 ink channels: Primer, C, M, Y, K, Lc, Lm, W1, W2, Varnish and Flush
- Seamless 360 degree printing
- Ink Droplet Conversion Algorithm realizes consistent resolutions and stable visual effects in different objects.
- Ink Droplet Compensation Algorithm for taper printing prevents image deformation.
- Automatic ink system recirculates ink and monitors levels
- Programmable maintenance schedule allows automatic purging, wiping, and capping of print heads
- 2 X 2 operation: stations move in and out of machine for continuous printing
- Print four parts 170 mm x 230 mm image at 600 x 900 DPI W+CMYK+V in just

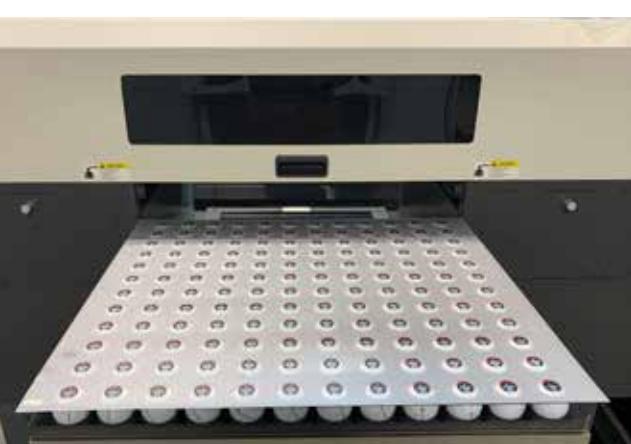


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DualSpin				
	Print Mode	CMYK	WW*CMYK	WW*CMYK+VV
Parts per hour	Express	600	423	232
	Production	423	288	175
	Quality	313	218	141
Unit ink cost		\$0.0024	\$0.0094	\$0.0170



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201 Tennis Way, East Dorset, VT 05253 | 802.382.0844 | sales@epsvt.com