

PRINTER SPECIFICATIONS

MEDIA

Handling	6 zone vacuum table
Max thickness	4" (10 cm)
Rigid media support	126" X 63" & 8 lb/ft ² (320x160 cm & 35kg/m ²)

PRINT SPEEDS (Vary depending on final configuration)

Maximum speed	1352 ft ² /hr - Staggered (125 m ² /hr), (42 Boards/hr)*
	602 ft ² /hr (55 m ² /hr), (19 Boards/hr)*
Production	355 ft ² /hr - Staggered (32 m ² /hr), (11 Boards/hr)*
	145 ft ² /hr (13 m ² /hr), (5 Boards/hr)*

PRINTING

Max print resolution	2400 dpi
Drop size	ADPT 5-25 Picoliter
Margin	Full bleed capable
Printhead	Grayscale drop on demand piezo
UV curable lamp type	LED, estimated life 12,000** hrs
Ink type	Sola UV curable ink
Ink capacity	1 Liter reservoirs
Connectivity	USB
Supported RIP Software	StratoFlex / Onyx / Flexi / Caldera

DIMENSIONS

Assembled dimensions (L x W x H)	218" x 92" x 60" (554 x 233 x 153 cm)
Weight assembled (approx)	3528 lb (1600 Kg)
Shipping dimensions (L x W x H)	241" x 92" x 67" (613 x 234 x 171 cm)
Weight shipping (approx)	4410 lb (2000 Kg)

OPERATION CONDITIONS

Temperature	68 to 79 °F (20 to 26 °C)
Humidity	40% to 70% non-condensing
Electrical	208 - 220 VAC 50/60 Hz 30A
Warranty	Limited one year parts & labour

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SHARK EFB-3216 Rigid/Flexible Substrate Printers

Max versatility

Print the widest variety of rigid and flexible substrates

Increased quality and productivity

Benefit from 2400 dpi grayscale output and feature rich design

Robust design

Experience years of production with confidence

Affordability





Choose the Shark EFB-3216 for its simplicity, affordability and to save money by printing direct to rigids. You have never seen a quality UV curable flatbed so affordable.

With 18 year in the large and grand format industry, Stratojet began production of world-class large and grand format printing solutions in 2008

*Roll to roll option can not be added on, printer needs to be ordered with it
**LED Lamps life is only estimated, and be lower. Actual life depends on maintenance done by end user

Since there are different printer configurations, the actual printer may differ from the images on this brochure. This document is not a warranty. Not responsible for errors or omission in this document
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Configure the printer your way:

Standard Colors	Speciality Colors	Light Colors	Spot Colors
 <p>Choose between regular or high production stagger color configuration, both providing high quality consistent results.</p>	 <p>Adding Speciality colors Red, Green, Orange and Violet expands your color gamut giving extra vibrant colors as well as an application for specific corporate colors.</p>	 <p>Add Light cyan, magenta and black to produces better spot colors, natural skin tones, subtle gradients and shading.</p>	 <p>Choose from single or double white and varnish, with white providing the capability to produce a base layer or highlight specific path of an image on clear and dark media, and varnish to create an emboss effect or add gloss finish to your prints.</p>



Now you can print the highest quality output, eliminate all vinyl cost on rigid jobs, reduce your ink cost and eliminate mounting time and cost.

Choose between different performance levels and speciality options such as white and clear coat/varnish ink options, with the confidence.

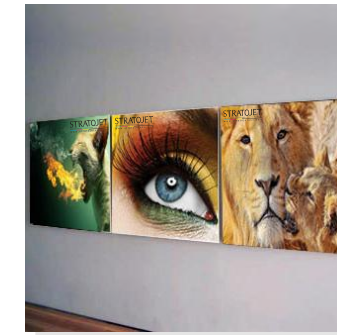
As your print performance grows, you can also use Stratojet's upgradability feature by adding:

- White ink to print on clear, translucent or colored media
- Clear coat/varnish to highlight or enhance an image
- Add light cyan (LC) and light magenta (LM)
- Add more standard color heads to increase speed
- Add Red, Green, Violet and Orange for speciality color applications

Your authorized StratoJet reseller can help you find the right fit for your current and future needs.



Corrugated Plastic



Foam Boards



Ceramic Tiles



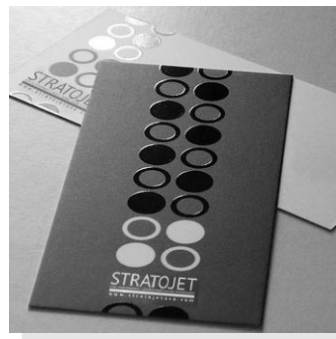
Glass



QUALITY WITH TECHNOLOGY

With 2400 dpi high definition output Shark EFB-3216 uses grayscale technology to ensure prints have a smooth gradation in skin tones as well as sharp and well saturated solids and text.

Stratojet incorporates Accurate Dot Placement Technology (ADPT). The ADPT integrates the printer controller system for color management software to assign a specific drop size along the print, allowing the user to print sharp text and vibrant colors with speed.



VARNISH / CLEAR (OPTION)

Increase your profit margin by providing high value options like spot varnish coating to highlight specific features on the print, or use complete varnish coat to increase print color protection from harsh external conditions.

Also get the option to add a matte or a gloss varnish affect to your prints.



RICOH PRINTHEAD

The Stratojet's Shark EFB-3216 uses Ricoh's latest printheads, known for its high quality and performance.

Stratojet's variable drop size and grayscale technology allows the user to print in true grayscale variable drop at 5-25 picoliter(PL) with printing resolution up to 2400 dpi, and deliver high quality output.



WHITE INK (OPTION)

Shark EFB-3216 offers white ink option allowing you to expand your printing applications using the white ink system to print, under-flood, over-flood or use the spot feature on transparent, translucent or colored materials.

The EFB-3216 circulation system recirculates the white ink, to prevent ink particles from settling.

UV-LED Lamps

Benefit from LED lamps that have exceptional long life and low power consumption. The Shark EFB-3216 UV-LED lamps don't need to warm up and instantly cures ink dry, while generating low heat to allow more print applications that are heat sensitive.

Sharp Text

Never be afraid of printing small text. With the Shark EFB-3216 small picoliter drop size, achieve sharp texts for all of your demanding print jobs.

Unparalleled Support

Built with the highest quality components, our printing solutions are designed from the ground up with serviceability in mind. Should there be a quality or printing problem, our technicians can ask for a temporary password to log in to your printer, then read, evaluate the log files and find most printer related issues remotely.

Our expertise comes from understanding on how a printer service provider works. We found the majority of service calls are due to application problems, to solve such issues, in Stratojet we start by training our technicians to be application experts before they can become a HW technician.

Limitless Application

Print on virtually any rigid media up to 4" (10 cm) thick and offer your customers durable speciality printed gifts/novelties, POP displays, proofs/mock-ups, packaging, glass, ceramic tiles, aluminum composite sheets wooden blocks, phone covers and many more.

Built-in Anti-static Bars

Depending on the media, static can cause quality problems; to minimize these issues, anti static bars are built in the printer carriage.

Robust Design

To increase reliability, Stratojet uses servo motors instead of using significantly inexpensive DC motors. To ensure fidelity across the image, particularly when working on tile applications, Stratojet chose an ink delivery system that pulls the ink with vacuum, instead of a less efficient positive pressure system.

Contact an authorized reseller to demonstrate with detail the quality and reliability of Stratojet's Shark EFB-3216.