PRINTER SPECIFICATIONS

STRATOJET
HIGH PERFORMANCE I LARGE FORMAT I DIGITAL TECHNOLOGY
www.stratojetusa.com

MEDIA	
Handling	4 zone vacuum table
Max thickness	4” (10 cm)
PRINT SPEEDS (Vary depending on final configuration)	
Maximum speed	1536 ft^2/hr - Staggered (143 m^2/hr), (47 Boards/hr)*
	480 ft^2/hr (45 m^2/hr), (15 Boards/hr)*
Production	768 ft^2/hr - Staggered (71 m^2/hr), (24 Boards/hr)*
	240 ft^2/hr (22 m^2/hr), (8 Boards/hr)*
PRINTING	
Max print resolution	1200 dpi
Drop size	Variable 5, 15 & 30 Picoliter
Margin	Full bleed capable
Printhead	Ricoh
UV curable lamp type	LED, estimated life 18,000* hrs
Ink type	Sola UV curable ink
Ink capacity	2.5 Liter reservoirs
Connectivity	USB
Supported RIP Software	Ergosoft / Onyx / Sai / Caldera

DIMENSIONS	
Assembled dimensions (L x W x H)	175” x 80” x 60” (445 x 205 x 153 cm)
Weight assembled (approx)	2650 lb (1202 Kg)
Shipping dimensions (L x W x H)	185” x 90” x 75” (470 x 230 x 191 cm)
Weight shipping (approx)	3310 lb (1502 Kg)
Shipping Dimensions roll to roll assembly	213” x 87” x 65” & 136” x 32” x 42”
OPERATION CONDITIONS	
Temperature	68 to 86 °F (20 to 30 °C)
Humidity	40% to 70% non-condensing
Electrical	220 VAC (± 10%) 50/60 Hz 32A
Warranty	Limited one year parts & labour

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*Roll to roll option can not be added on, printer needs to be ordered with it
**Actual results may vary/speeds does not include media setup
Subject to change without notice.

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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SHARK EFB-2512

Rigid/Flexible Substrate Printers

Max versatility
Print the widest variety of rigid and flexible substrates

Increased quality and productivity
Benefit from 1200 dpi grayscale output and feature rich design

Robust design
Experience years of production with confidence

Affordability
Choose the Shark EFB-2512 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

SHARK EFB-2512

Configure the printer your way:

Standard Colors

Choose between regular or high production stagger color configuration, both providing high quality consistent results.

Speciality Colors

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.

Light Colors

Add Light cyan and magenta to produces better spot colors, natural skin tonnes, subtle gradients and shading.

Spot Colors

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.

QUALITY WITH TECHNOLOGY

With 1200 dpi high definition output Shark EFB-2512 uses grayscale technology to ensure prints have a smooth gradation in skin tonnes 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-2512 uses Ricoh's latest printheads, known for its high quality and performance.

Stratojet's variable drop size and greyscale technology allows the user to print in true greyscale variable drop at 5, 10, and 15 picoliter(PL) with printing resolution up to 1200 dpi, and deliver high quality output.

WHITE INK (OPTION)

Shark EFB-2512 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-2512 circulation system recirculates the white ink, to prevent ink particles from settling.

SHARK EFB-2512

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
- Roll to Roll option*

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

Corrugated Plastic

Foam Boards

Ceramic Tiles

Glass

UV-LED Lamps

Benefit from LED lamps that have exceptional long life and low power consumption. The Shark EFB-2512 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-2512 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-2512.