PRINTER SPECIFICATIONS

MEDIA

Handling	Vacuum table
Rigid media support	48"x48" & 8 lb/ft^2(122 x 122 cm & 40Kg/m)^2
Max thickness	3" (8 cm)

PRINT SPEEDS (vary depending on final configuration)

Maximum speed	450 ft^2/hr* (CMYKx1) (42 m^2/hr), (28 Boards/hr) (4' x 4' Boards) 900 ft^2/hr* (CMYKx2) - Staggered (84 m^2/hr), (56 Boards/hr) (4' x 4' Boards)
Standard quality	150 ft^2/hr* (CMYKx1) (14 m^2/hr), (9 Boards/hr) (4' x 4' Boards) 265 ft^2/hr* (CMYKx2) - Staggered (24 m^2/hr), (16 Boards/hr) (4' x 4' Boards)

PRINTING

Max print resolution	2400 dpi
Drop size	ADPT 5, 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 / Caldera / Onyx / SAi

DIMENSIONS

Assembled dimensions (L x W x H)	106" x 79" x 59"
Weight assembled (approx)	1235 lb (560 Kg)
Shipping dimensions (L x W x H)	110" x 83" x 63"
Weight shipping (approx)	1543 lb (700 Kg)

OPERATION CONDITIONS

Temperature	68 to 79℉ (20 to 26℃)
Humidity	40% to 70% non-condensing
Electrical	208 - 220 VAC 50/60 Hz 20A (x3)
Warranty	Limited 1 year parts and labour

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STRATOJET
HIGH PERFORMANCE | LARGE FORMAT | DIGITAL TECHNOLOGY
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PINNACLE PRODUCT AWARD 20 21 WINNER

SHARK FB 1212
4' x 4' Rigid Substrate Printer

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

Upgradability
Start with a solution that meets your budget and upgrade when your productivity needs grow

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 FB 1212

Configure your printer with the following options:

- Single or double white ink
- Varnish clear coat option
- Double row print head configuration (CMYK x 2)

SHARK FB 1212

Start by choosing the right printer configuration as per your requirements.

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

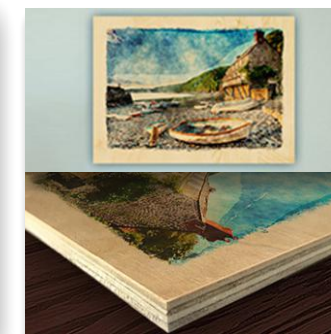As your print performance grows, you can upgrade by adding:

- More printheads to increase performance
- White ink to print on clear, translucent or colored media
- Clear coat/varnish to highlight or enhance an image

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

Some Exotic Printing Applications
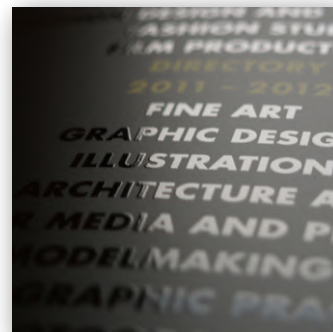

| Phone Covers | Wood | Ceramic Tiles | Glass |

QUALITY WITH TECHNOLOGY

With 2400 dpi high definition output Shark FB-1212 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 FB-1212 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 5-25 picoliter(PL) with printing resolution up to 2400 dpi, and deliver high quality output.

WHITE INK (OPTION)

Shark FB-1212 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 FB-1212 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.

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.

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.

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.

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.

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.