

# PRINTER SPECIFICATIONS

MEDIA	
Handling	4 zone vacuum
Rigid media support	100"x48"/ 100"x120" & 11 lb/tr (254x325 cm)/ (254x305 cm) & (50 kg/m <sup>2</sup> )
Roll-fed media support	Max width: 100"(254 cm) Max diameter 12"(30 cm) Max weight 794 lb(360 kg)
Max thickness	4" (10 cm)
PRINT SPEEDS (vary depending on final configuration)	
Maximum speed (rigid or roll to roll media)	900 t <sup>f</sup> /hr (CMYKx1) (84 m <sup>2</sup> /hr), (28 Boards/hr)
	1800 ft <sup>2</sup> /hr (CMYKx2) - Staggered (168 m <sup>2</sup> /hr), (56 Boards/hr)
Production (rigid or roll to roll media)	340 t <sup>f</sup> /hr (CMYKx1) (32 m <sup>2</sup> /hr), (11 Boards/hr)
	700 t <sup>f</sup> /hr (CMYKx2) - Staggered (65 m <sup>2</sup> /hr), (23 Boards/hr)
PRINTING	
Max print resolution	1440 dpi
Drop size	ADPT 5, 15 & 30 Picoliter
Margin	Full bleed capable
Printhead	Grayscale drop on demand piezo
Ink type	Sola UV curable ink
Ink capacity	2.5 Liter reservoirs
Supported RIP software	StratoFlex, Caldera, Onyx, SAi, Flexi
DIMENSIONS	
Assembled dimensions (L x W x H)	190" x 80" x 60" (483x204x153 cm)/ 190" x 180" x 60" (483x458x153 cm)
Weight assembled (Approx)	3420 lb (1550 kg)/ 4520 lb (2050 kg)
Dimensions with roll to roll attachment Only Flatbed	190" x 100" x 63" (483x255x160 cm)/ 190" x 180" x 63" (483x460x160 cm)
Shipping dimensions (L x W x H)	195" x 85" x 65" / 195" x 185" x 65" (495x216x165 cm)/ (495x470x165 cm)
Weight shipping (Approx)	5690 lb (2280 kg)/ 5295 lb (2400 kg)
Shipping dimensions with roll to roll assembly	213" x 87" x 65" & 136" x 32" x 42" (541x221x165 cm)&(345x81x107 cm)/ 193" x 53" x 33" & 251" x 90" x 53" (489x135x83 cm)&(640x226x134 cm)*
OPERATING CONDITIONS	
Temperature	64-80 °F (18-26 °C)
Humidity	40-70% non-condensing
Electrical	220 VAC(t10%) 50/60Hz 33A
Warranty	Limited 1 year parts and labour

# STRATOJET

HIGH PERFORMANCE | LARGE FORMAT DIGITAL TECHNOLOGY

www.stratojetusa.com



## SHARK FBR Roll to Roll SERIES Rigid/Flexible Substrate Printers

### FBR 2512

#### Max versatility

Print the widest variety of rigid and flexible substrates

#### Increased quality and productivity

Benefit from 1440 dpi grayscale output and feature rich design

#### Robust design

Experience years of production with confidence

#### Upgradeable

Start with a solution that meets your needs now or budget, then upgrade when your productivity or 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 FBR SERIES

## Configure your printer with the following options:

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



## SHARK FBR SERIES

Three sizes, same performance and ease of use.

Start by selecting the right size printer for your needs, then choose whether or not the roll to roll option is something you need. Then choose between different performance levels and speciality options such as white and clear 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

### SHARK FB / FBR 2512 8' X 4'



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### QUALITY WITH TECHNOLOGY

With 1440 dpi high definition output Shark FB/FBR 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 dot size along the print.

### VARNISH AND WHITE INK (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.

Use the white ink system to print, under-flood, over-flood or use the spot feature for transparent, translucent or colored materials.

### WHITE FLUSH SYSTEM

Should you choose the white ink option, you can reduce costs and ensure printhead performance with Stratojet's exclusive on-board flush system. This system allows you to temporarily disable the white ink, allowing you to print with other colors while ensuring the printhead does not get damaged, does not continue to spit and waste white ink.

The moment you need the ink back, it will take about 1 minute and no additional calibration is needed.

### CALDERA GRANDRIP+ BUNDLED

To deliver one of the most consistent and accurate image colors Shark FB/FBR series comes bundled with Caldera's most sophisticated RIP.

Stratojet brings to you not just a RIP, but a full feature solution for printing application helping you to never compromise with quality.

GrandRIP+ gives you the cutting edge of wide format production software, allowing you to manage your production quickly, easily and seamlessly from start to finish.

### Limitless Application

Print on virtually any rigid media up to 5" (13 cm) thick and offer your customers durable speciality printed POP displays, proofs/mock-ups, packaging, glass, ceramic tiles, wooden doors and many more. With the optional roll to roll kit print flexible media at high speeds.

### Auto Detection

Shark FB/FBR series gives you a quicker and precise way to register media thickness. The automatic head height detection system allows the printer to detect media thickness up to 5", and maintain precise printhead distance for accurate dot placement and achieve high image quality.

### 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.

### Anti Crash Sensors

To protect the printheads from crashing on to misaligned media or any other obstruction, anti crash sensors are placed on both sides of the printer carriage. The printhead assembly will stop if the sensors are tripped.

### Pin Registration

Quickly load rigid media with precision. Simply align the media with retractable pins, and measure media using the engraved scale on the printer table.

### 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 FB/FBR series printer.