PRINTER SPECIFIC ATIONS

MEDIA		
Handling	Roll feed, take-up reel	
Type	Banners, Vinyls, Papers and Selected Fabrics	
Size	Up to 131” wide (3.3m wide)	
Max Thickness	20 mil (0.5 mm)	
PRINT SPEEDS	**6 Head**	**4 Head**
Maximum Speed	1210 ft²/hr (113 m/hr)*	650 ft²/hr (60 m/hr)*
Production	350 ft²/hr (33 m/hr)*	240 ft²/hr (22 m/hr)*
Quality	265 ft²/hr (25 m/hr)*	165 ft²/hr (15 m/hr)*
PRINTING		
Max print resolution	2400 dpi	
Drop size	ADPT 5-25 Picoliter	
Maximum print width	126” (320 cm)	
Printhead	Grayscale drop on demand piezo	
Ink type	Sola UV curable ink	
Ink capacity	2500 ml reservoirs per color	
Connectivity	USB	
Supported RIP Software	StratoFlex included, supports Onyx, Caldera, Flexiprint	
DIMENSIONS		
Assembled dimensions (L x W x H)	218”x40”x67” (554 x 100 x 169 cm)	
Weight assembled (approx)	5071 lbs (2300 Kg)	
Shipping dimensions (L x W x H)	226”x44”x76” (572 x 110 x 192 cm)	
Weight shipping (approx)	6614 lbs (3000 Kg)	
OPERATION CONDITIONS		
Temperature	68 to 79 ℉ (20 to 26 ℃)	
Humidity	40% to 70% non-condensing	
Electrical	208-220 VAC 50/60 Hz 30A	
Warranty	One year limited parts & labour, Extended warrenties available	

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*Actual results may vary
**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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STRATOJET
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StratoJetUSA.com

2020 Product of the Year
RTR/Hybrid/Flatbed New Technology
by PRINTINGUNITED ALLIANCE

20 PINNACLE PRODUCT AWARD 21
WINNER

FALCON XL 3300

131”(3.3m) Grand Format Roll-Feed Printers

Max versatility
Achieve remarkable speed-quality results on a wide variety of substrates ranging from vinyl banner, back-lit, paper and selected fabric

Increased quality and productivity
Benefit from 2400 dpi grayscale output and feature rich design

Robust design
Experience years of production with confidence

Best in Class Total Cost of Ownership
Increase profitability by investing in technology that has the lowest maintenance and ink cost

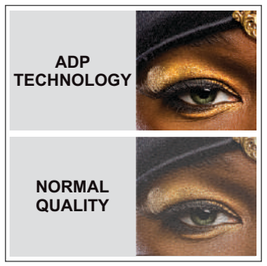
With years in the large and grand format industry, StratoJet, an Award Winning brand, has been suppling world-class large and grand format printing solutions to the printing industry since 2008

FALCON XL 3300

Configure the printer your way:

Standard Colors	Speciality Colors	Light Colors	Spot Colors
Choose between a regular or high production stagger color configuration, both providing high quality consistent results.	Adding Speciality colors Red, Green, Orange and Violet expands your color gamut giving extra vibrant colors. Add a custom mixed PMS color to offer a unique ability to hit your customers required corporate colors every time.	Adding Light Cyan, Light Magenta and Light Black to produce better spot colors, natural skin tonnes with subtle gradients and shading.	Choose from single or double white providing the capability to produce a base layer or highlight specific path of an image on clear and dark media.

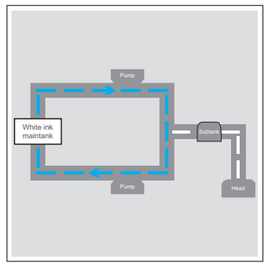
INTELLIGENT ADP & GREYSCALE TECHNOLOGY



With 2400 dpi high definition output Falcon XL-3300 uses grayscale technology to ensure prints have a smooth gradation in skin tonnes as well as sharp, well saturated solids and text.

StratoJet incorporates Accurate Dot Placement Technology (ADPT) within the printer controller system and the color management software that chooses from variable drop size, for sharper text and vibrant colors at all speeds.

INK CIRCULATION with ACT



Thinking a step ahead stratojet printers come with an Advance Circulation Technology (ACT), which consist of two functions:

Pre circulation: Effectively avoids the settling of pigment in the main tank by constant stirring of the inks. This is included on all colors.

Main Circulation: Avoids settling of ink in the line by regularly circulating the white ink. This provides a more stable and consistent quality of printing. This process also prevents the ink particles from settling.

INSTANT BACKLIT CONTROL SYSTEM

This assists you in monitoring back-lit prints in real time with a dual light box setup.

First box helps you inspect for any banding or color issues, helping in reduction of media wastage, time and money.

The second light box shows the finished output and works as a secondary inspection point, providing an overall more efficient back-lit solution.

WHITE INK (OPTION)

Falcon XL-3300 offers white ink option allowing you to expand your printing applications using the white ink system to print, under-flood, or over-flood. You can also use the spot feature on transparent, translucent or colored materials.

With the StratoJet software, control thickness of white that is being put down on your prints or add upto 15 layers of white at a single time, giving that extra standout effect.

FALCON XL 3300

Advanced Media Grip System

The Falcon XL series has adapted a very unique roller media feet system that removes all media handling and movement issues that are notorious issues with a traditional pinch rollers mechanism. Making this printer efaster with more consistent high quality than any other printer in it's class.

Multi Roll Capability

Load multiple rolls to increase productivity and efficiency for your business. Air rods stabilize the media, maintaining a consistent feed regardless of weight of the media. Print two different types of media without having to worry about curing problems with the Falcon XL.

Low Cost of Operation

With high production speeds there are no wait times as prints come out dry for finished delivery. Thus, reducing time monitoring the printer along with low maintenance printing. Get more scratch resistance than any other technology in the segment, reducing the risk of any damage or inks smudge with your finished prints.

UV-LED Lamps

Benefit from LED lamps that have exceptional curing consistency, long life and low power consumption. The Falcon 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! The Falcon XL-3300 uses a 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 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 providing great service 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 flexible media and offer your customers durable speciality printed POP displays, proofs/mock-ups, packaging, window displays, floor graphics, fabric signs, backlit signs and many more

Built-in Anti-static Bars

Depending on the media, static can cause quality problems; to minimize these issues, anti static bars come with every one of our printers are built right in the printer carriage

Robust Design

To increase reliability, StratoJet uses servo motors instead of using significantly inexpensive and inconsistent DC motors. To ensure fidelity across the image, particularly when working on tile applications, StratoJet choose 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 Falcon XL-3300