

FALCON XL 3300

Configure the printer your way:

Standard Colors



Choose between a regular or high production stagger color configuration, both provide high quality and consistent results

Speciality Colors



Add Specialty colors: Red, Green, Orange and Violet expands your color gamut providing extra vibrant colors. Add a custom mixed PMS color to offer a unique ability to hit you customers required corporate colors every time!

Light Colors



Add Light Cyan, Magenta and Black to produces better spot colors, natural skin tones, with subtle gradients and shading

Spot Colors



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



FALCON XL 3300

Advanced Media Grip System

The Falcon XL has adapted a very unique roller media feed system that removes all media handling and movement issues that are notorious issues with a traditional pinch roller mechanism. This makes this printer faster with more consistent high quality printing then any other printer sin its class



Dual Roll Capability

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

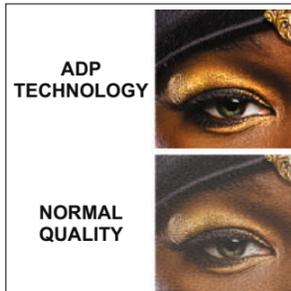


Low Cost of Operation

With production speeds over 1000 ft2/hr, there are no wait times as prints come out dry for finish 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 smudges with your finished prints



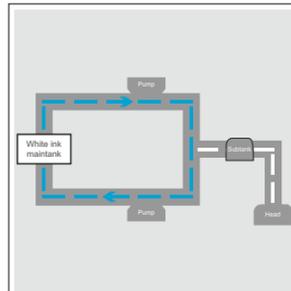
INTELLIGENT ADP & GREYSCALE TECHNOLOGY



In addition to a 1200 dpi High Definition output, the Falcon XL-3300 uses GrayScale Technology to ensure prints have a smooth gradient skin tones as well as sharp, well saturated solids and text

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

INK CIRCULATION with ACT



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

Pre-Circulation: Effectively avoids the settling of pigments in the main tank by a constant stirring of the inks. This is included on all colors

Main-Circulation: Avoids settling of inks in the lines by regularly circulating all the inks. This provides a more stable and consistent quality of printing. The 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

The first light box helps you inspect for any banding or color issues, helping in the reduction of waste of media, 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 a 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.

Apart from the basic advantages this solution also provides the ability to print and sandwich Color-White-Color, making the output vibrant even during day light but also keeping the same color affect when back-lit.

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 Pico-Liter drop size, achieve sharp text for all of your demanding print jobs

Unparalleled Support

Built with the highest quality components, our print 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 printer service and 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 customers durable specialty printed POP displays, proofs/mock-ups, window displays, floor graphics, fabric signs, back-lit 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

PRINTER SPECIFICATIONS

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	
Maximum Speed	1410 ft ² /hr (131 m ² /hr)
Production	805 ft ² /hr (75 m ² /hr)
Quality	582 ft ² /hr (54 m ² /hr)
PRINTING	
Max print resolution	1200 dpi
Drop size	Variable 5, 15 & 30 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	Caldera, Onyx and more
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 86 °F (20 to 30 °C)
Humidity	40% to 70% non-condensing
Electrical	220 VAC (± 10%) 50/60 Hz 35A
Warranty	One year limited parts & labour, Extended warranties available



FALCON XL 3300 131" (3.3m) Grand Format Roll-Feed Printer

Max Versatility

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

Increased Quality and Productivity

Benefit from 1200 dpi GrayScale output and feature rich design

Robust Design

Experience years of production with confidence with the best built Printers in the Industry

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 supplying world-class large and grand format printing solutions to the printing industry since 2008

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*Subject to change without notice.
**Actual results may vary.

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