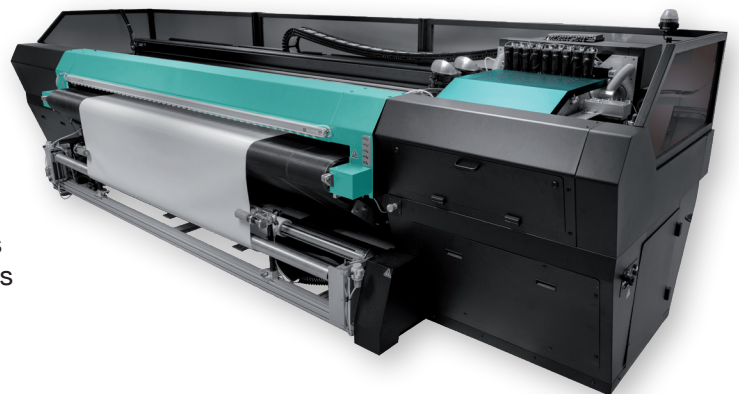


UVistar Hybrid 320 UV Press

PRODUCT BROCHURE

- Produce high quality, sellable output at speeds up to 2,100 ft² per hour
- Greyscale VersaDrop™ technology delivered by Fujifilm Dimatix Q-Class printheads
- Patented and innovative technologies deliver best-in-class material handling
- Uvijet US ink provides a wide gamut of vibrant colors and excellent adhesion to a broad range of substrates



UVISTAR HYBRID320

Experience the Ultimate in Versatility with the Uvistar Hybrid 320 UV Press



Fujifilm introduces the Uvistar Hybrid 320, a 3.2 meter, combination flatbed and roll printer capable of producing high quality, sellable output at speeds of up to 2,100 ft² per hour. This full greyscale device prints exceptional quality and delivers a wide color gamut of bright, vibrant colors. Several innovative technologies come together to provide you this breakthrough in hybrid production speed, quality and flexibility.

Greyscale VersaDrop Technology

Fujifilm Dimatix Q-Class printheads jet straight and fast for accurate dot placement, while greyscale VersaDrop technology automatically adjusts the size of the drop (10-30 pL) to meet the desired level of detail – small drops for smooth gradations and fine text and larger drops for excellent coverage in areas of solid color.

Taking full advantage of eight ink channels, the Uvistar Hybrid 320 produces outstanding image quality. The Uvistar Hybrid combines light colors (Lc, Lm and Lk) with the Orange and CMYK to dramatically boost performance to speeds up to 2,100 square feet per hour.



Breakthroughs in Material Handling

There are several unique features that truly sets the Uvistar Hybrid 320 apart from other hybrid presses. The patented tri-lobal belt system dramatically minimizes skew by ensuring best-of-class media track accuracy in roll or flatbed mode. The press also has a three-zone intelligent vacuum system. Each of the three vacuum zones are split into front and rear sections and each of the sections are controlled by a variable vacuum pump. This results in a total of 6 vacuum pumps, each dynamically adjusting vacuum pressure to apply the right amount of vacuum where you need it, depending on the type of material being printed.

The high performance dancer bar with spreaders keeps even the most difficult roll media from wrinkling before it enters the print area. The rear pinch rollers engage rigid as the material transitions from the print area onto the exit tables. The spreaders clamp the outside edges of flexible media to provide tension, minimize wrinkles, and effectively guide the media throughout the process.

A continuous board mode allows for increased productivity when feeding multiple sheets of the same stock during production. This mode offers time savings between sheets as the print carriage continues moving. No time is lost due to the carriage returning to its park position, requiring the job to be started again. You can also print multiple rolls continuously.



Uvijet

Ink Performance

Uvijet US ink provides excellent adhesion to a broad range of substrates. The 8-color press includes CMYK, Lc, Lm, Lk, and orange. The 9-color model adds white. The lights smooth images and orange expands the color gamut by 30% and enables matching Pantone and corporate and branded colors. The highly opaque white provides excellent coverage.

The Uvistar Hybrid protected ink system allows operators to scan each box of Uvijet US ink before it is loaded into the press. This prevents operators from installing the ink into incorrect channels and protects the machine from loading expired, or otherwise unsafe ink.



Additional Productivity Enhancements

The Uvistar Hybrid 320 utilizes a Hot Folder Queuing System to maximize throughput and increase productivity. After the printer is set up and started, jobs

FUJIFILM



THE FUJIFILM GREEN POLICY

We at Fujifilm believe that “sustainable development” of the Earth, mankind, and companies in the 21st century is an issue that must be addressed with the highest priority. As a socially responsible corporation, we actively undertake corporate activities with our environmental values in mind. We strive to be a dedicated steward of the environment and assist our customers and corporate partners in doing the same.

Specifications:**Print Technology**

- 8 Fujifilm Dimatix Q-Class printheads per color channel

Resolution

- Maximum true dpi 800 x 400

Maximum Print Width

- Up to 123" (312 cm) for matte and full cure
- Up to 118" (300 cm) for gloss cure

Maximum Media Thickness

- 2 inches (5 cm)

Maximum Roll Weight

- 397 lbs (180kg)

Media Handling

- Roll-to-roll
- Roll-to-core
- Free fall
- Flatbed

RIP

- Caldera GrandRIP V.9 or later or ColorGATE Production Server V.8 or later

Ink

- Fujifilm Uvijet US Ink (C, Y, M, K, Lk, Lc, Lm, O, W)

Physical Dimensions

- 65" x 229" x 63" (165 cm x 582 cm x 160 cm)
- Tables: 50" x 128" (127 cm x 325 cm)

Approximate Weight

- 7,000 lbs (3,175 kg)

Environmental Temperature

- 55° to 85° F (13° to 29° C)

Humidity

- >55% (non-condensing)

Power

- 3-Phase, 208 volts, 40 amps, 50/60 Hz

*Product specifications are subject to change without notice.

UVISTAR HYBRID320

Mode (Fast Beam)	ft ² /hr	m ² /hr
Express	2,100	195
High Speed	1,447	135
Production	1,079	100
Quality	730	68
Fine Art	549	51

Express: 400x400D0, HS: 400x400D1, Prod: 400x400D2, Quality: 800x400D1, FA 800x400D2

Speeds are based on continuous printing on 125" x 125" sheets, printing an average image area of 108.51 ft² for one hour with carriage speed as Fast.

Fast equates to beam speed of 70ips.

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Value from Innovation

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