# UVISTAR HYBRID320

# Versatile
# Productive
## High Quality
# & High Speed
## UV Flatbed and Roll
# Printer

The Uvistar Hybrid 320 is a 3.2 meter, combination flatbed and roll printer that provides the ultimate in flexibility.

The Uvistar Hybrid is capable of producing high quality, sellable output at speeds of up 2,100 ft$^2$ per hour. In combination with the Uvistar Hybrid 320, the Uvijet US ink system delivers bright, vibrant colors. Light Cyan, Light Magenta, Light Black and Orange are all standard color channels on the Hybrid 320, and the inclusion of orange ink greatly increases the color gamut. This device prints exceptional quality with its 10-30 picoliter VersaDrop™ variable drop technology.

The Uvistar Hybrid 320 is available as an 8 or 9-channel printer. The 9-channel printer features the addition of white ink, which further extends the range of applications to allow for layered printing over or under an image, or it can be used as a spot color.

## Uvistar Hybrid 320 Features:

- Fujifilm Dimatix Q Class Printheads using VersaDrop variable drop technology
- Unique color configuration results in a possible 64,000+ shades per pixel
- Produces a variety of work from rigid and flexible high quality POP displays to flexible banners and billboard
- The unique tri-lobal media transport belt ensures accurate media tracking
- Maximize throughput with continuous board printing
- Tension bar with spreaders keep media from wrinkling

## MATERIAL HANDLING

The material handling on the Uvistar Hybrid 320 is what sets this hybrid apart from other printers in its class. It's built for production using the patented tri-lobal media transport belt. This unique tri-lobal belt ensures accurate media tracking in roll or flatbed mode. There are three vacuum zones and each zone is split into front and rear sections. Each of the sections are controlled by a variable vacuum pump, which gives a total of 6 vacuum pumps, each dynamically adjusting vacuum pressure to put the right amount of vacuum where you need it, when you need it. The high performance dancer bar with spreaders keep even the most difficult roll media from wrinkling before it enters the print area.

## PRODUCTIVE AND EFFICIENT

The Uvistar Hyrbrid 320 utilizes a hot folder queuing system to maximize throughput and increase productivity. After the printer is set up and started, jobs are printed as soon as they hit the queue. There is also a priority queue for when a job needs to break into the current workflow from the standard print queue.

## UVIJET INK & THE LOADING SYSTEM

Uvijet ink systems are renowned in the industry through Fujifilm's high-productivity wide format printers. Made using Fujifilm's Micro-V ultrafine dispersion technology that enables higher pigmentation. Uvijet inks produce strong, vibrant images and a wide color gamut.

The Uvistar Hybrid 320 utilizes Uvijet US inks. The 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 to expired, or otherwise unsafe ink to maximize uptime.

# UVISTAR HYBRID320

| Mode (Fast Beam) | ft² per hour | m² per hour |
|---|---|---|
| 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 800x400 D2*
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.

## SPECIFICATIONS:

**Print Technology**
▸ 8 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 Width**
▸ 126 inches (3.2m)

**Maximum Media Thickness**
▸ 2 inches (5 cm)

**Maximum Roll Weight**
▸ 400 lbs (180 kg)

**Media Handling**
▸ Roll-to-roll
▸ Roll-to-core
▸ Free fall
▸ Flatbed

**RIP**
▸ Caldera GrandRIP V. 9 or later or ColorGATE Production Server V9.02 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)

**Space Required**
▸ 299" x 308" (741 cm x 782 cm)

**Weight Approx.**
▸ 7000 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.*

### 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.

# FUJIFILM

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