



SNAKE IV - UV 3.20M

The Snake IV UV 3.20 m is a roll-to-roll UV printer engineered for large-format, high-relief graphic production on flexible substrates. Its piezoelectric printhead architecture supports layered printing with CMYK, white, and varnish channels, enabling the creation of textured finishes, embossed effects, and high-density color applications. This configuration ensures strong ink adhesion, precise droplet placement, and durable output suitable for both indoor and outdoor visual communication.

The system supports multiple printhead configurations, including CMYK-only mode or layered combinations such as CMYK + white and CMYK + varnish, allowing flexible production depending on the application. According to the specification panel on page 1, the printer operates with three or four piezoelectric printheads and supports materials up to 2 mm thick, including vinyl, banner, backlit film, perforated vinyl, synthetic leather, and blackout substrates. This versatility makes it suitable for signage, advertising graphics, and specialty textured prints.

In terms of performance, the speed chart on page 0 indicates output of up to 14 meters per hour in draft mode, 10 meters per hour in production mode, and 7 meters per hour in quality mode, depending on resolution and layer configuration. The printer offers a maximum print width of up to 320 cm and operates on a 220V bi-phase electrical system with a total power consumption of approximately 4 kW, ensuring stable operation in professional large-format UV printing environments.

TECHNICAL SPECIFICATIONS

PRINTING SYSTEM	
Technology:	Roll-to-roll piezoelectric UV inkjet printing
Number of printheads:	3–4 printheads
Ink configuration:	CMYK + White + Varnish UV inks
Maximum print width:	Up to 320 cm (126")
PRINTING SPEED	
Draft Mode:	Up to 14 m/h (360 × 1200 dpi)
Production Mode:	Up to 10 m/h (360 × 1800 dpi)
Quality Mode:	Up to 7 m/h (720 × 1200 dpi)
Note:	Speeds vary depending on print mode, resolution, and number of white or varnish layers
FORMAT & MATERIALS	
Compatible materials:	Vinyl, banner, photo paper, backlit film, perforated vinyl, synthetic leather, and blackout substrates
Maximum roll weight:	Not specified in source
Supported file formats:	Not specified in source
Software:	Not specified in source
POWER & ELECTRICAL	
Total power consumption:	Approx 4 kW
Heater power consumption:	Not specified in source
Electrical requirement:	220 V, bi-phase
Frequency:	50–60 Hz
WORKING ENVIRONMENT	
Operating temperature:	23–30 °C
Humidity:	Not specified in source
DIMENSIONS & WEIGHT	
Dimensions (L x W x H):	Not specified in source
Weight:	Not specified in source
Warranty:	One-year warranty