



SNAKE IV - UV

ESS-SHU04I308070

The Snake IV UV is a roll-to-roll UV printer engineered for textured and high-relief graphic production on flexible substrates. Its piezoelectric printhead architecture combined with a CMYK + White + Varnish ink configuration enables layered printing, allowing the creation of tactile effects, embossed finishes, and high-density color applications. This configuration provides strong adhesion, precise ink placement, and enhanced durability for indoor and outdoor graphic environments.

The system integrates three dedicated printheads for color, white, and varnish channels, ensuring stable multi-layer output and consistent relief effects across the entire print width. It supports a wide range of flexible materials, including vinyl, banner, backlit film, photo paper, perforated vinyl, synthetic leather, and blackout substrates. Its roll-to-roll structure is designed for continuous production, providing stable media handling and uniform curing performance during extended print cycles.

In terms of productivity, the printer delivers speeds of up to 12 meters per hour in draft mode, 9 meters per hour in production mode, and 4 meters per hour in quality mode when operating with layered UV applications. It supports a maximum print width of up to 180 cm and materials up to 2 mm thick. The system operates on a 220V electrical configuration with a total power consumption of approximately 1.4 kW, ensuring stable performance in professional UV printing environments.

TECHNICAL SPECIFICATIONS

PRINTING SYSTEM	
Technology:	Roll-to-roll piezoelectric UV inkjet printing
Number of printheads:	3 printheads
Ink configuration:	CMYK + White + Varnish UV inks
Maximum print width:	Up to 180 cm (70.8")
PRINTING SPEED	
Draft Mode:	Up to 12 m/h
Production Mode:	Up to 9 m/h
Quality Mode:	Up to 4 m/h
Note:	Speeds may vary depending on the number of white and varnish layers
FORMAT & MATERIALS	
Compatible materials:	Vinyl, banner, photo paper, backlit film, perforated vinyl, synthetic leather, blackout banner, and similar flexible 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. 1.4 Kw
Heater power consumption:	Not specified in source
Electrical requirement:	220 V, 50-60 Hz (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):	280 x 70 x 160 cm
Weight:	166 kg
Warranty:	One-year warranty