



# SNAKE II - UV

## ESS-SHU02I308070

The SNAKE II UV is a high-performance roll-to-roll UV printing system engineered for industrial production environments that demand precision, durability, and advanced textured printing capabilities. Equipped with dual piezoelectric printheads, the system supports both CMYK and CMYK + Varnish configurations, enabling high-resolution output with enhanced color depth, gloss finishes, and layered relief effects for visually impactful applications.

Its advanced ink deposition and UV curing technology ensure accurate droplet placement, immediate ink fixation, and strong adhesion across a wide range of flexible substrates up to 2 mm thickness. The integrated roll feeding mechanism provides stable media transport and precise alignment, maintaining consistent print quality and production continuity even during high-volume operations.

With a maximum printing width of 180 cm (70.8"), the SNAKE II UV is optimized for signage, large-format advertising, light box graphics, vinyl, banners, synthetic leather, blackout materials, and specialty media. Designed for continuous workflow, it delivers industrial reliability while maintaining controlled energy consumption and efficient operational performance.

## TECHNICAL SPECIFICATIONS

| PRINTING SYSTEM                     |   |
|-------------------------------------|---|
| Technology:                         | Piezoelectric   |
| Number of printheads:               | 2 printheads  |
| Ink configuration:                  | CMYK / CMYK + Varnish   |
| Maximum relief thickness:           | Up to 2 mm  |
|                                     |   |
| PRINTING SPEED (Single Color Layer) |   |
| CMYK + Varnish Draft Mode:          | Up to 12 m <sup>2</sup> /h  |
| CMYK + Varnish Production Mode:     | Up to 9 m <sup>2</sup> /h   |
| CMYK + Varnish Quality Mode:        | Up to 4 m <sup>2</sup> /h   |
| CMYK Draft Mode:                    | Up to 24 m <sup>2</sup> /h  |
| CMYK Production Mode:               | Up to 18 m <sup>2</sup> /h  |
| CMYK Quality Mode:                  | Up to 8 m <sup>2</sup> /h   |
| Note:                               | Speeds may vary depending on white/varnish layers   |
|                                     |   |
| FORMAT & MATERIALS                  |   |
| Maximum print width:                | 180 cm (70.8")  |
| Compatible materials:               | Vinyl, banner, photo paper, lightbox film,<br>panaflex, micro-perforated vinyl, synthetic leather,<br>blackout banner |
|                                     |   |
| POWER & ELECTRICAL                  |   |
| Maximum power consumption:          | 1.4 kW  |
| Electrical requirement:             | 220V, 50/60 Hz (two-phase)  |
|                                     |   |
| WORKING ENVIRONMENT                 |   |
| Operating temperature:              | 23 – 30 °C  |
|                                     |   |
| DIMENSIONS & WEIGHT                 |   |
| Dimensions (L x W x H):             | 70 cm x 280 cm x 160 cm   |
| Weight:                             | 166 kg  |
| Warranty:                           | 1 year  |