

UV6090 VELPASSO^{PRO}



Dalle tavole rigide ai prodotti promozionali, passando per imballaggi, oggetti personalizzati e articoli cilindrici, la NANODIY FB6090 VELPASSO^{PRO} riunisce la stampa UV professionale a letto piano in un'unica piattaforma di produzione versatile.

UV6090 VELPASSO^{PRO} » professional flatbed with maximum flexibility

The NANODIY FB6090 VELPASSO^{PRO} is a professional UV flatbed printer designed for high-quality direct printing on a wide range of rigid substrates. With a maximum printing height of 150 mm, it accommodates both standard flat materials and promotional products. The printer combines CMYK + White + Varnish printing to produce vibrant colour graphics, opaque white layers and selective gloss effects within a single production workflow.

Automatic media detection, a vacuum print bed and advanced ink management make it a flexible production platform for personalized products, signage, promotional merchandise, packaging, decorations and specialty applications.

White ink circulation and agitation help maintain ink consistency, while timed flushing and automatic standby cleaning ensure reliable printhead maintenance.

FLEXIBLE PRINTING WITH AUTOMATED OPERATION

The automatic infrared height measurement system detects the media position and adjusts the printing height automatically, simplifying setup and reducing the risk of contact with the printhead. A reinforced 35 mm vacuum table ensures stable media positioning, while the automatic lifting platform makes loading and unloading easier. For cylindrical products, the machine can be equipped with a rotary fixture, extending its application range beyond flat substrates.

DESIGNED FOR CONSISTENT PRODUCTION

The machine features a Hoson control system, automatic negative-pressure ink management and an integrated ink mist extraction system.

- 4 × Epson i3200 printheads
- NANODIY RIP Software
- Print resolution: 720 × 2400 / 720 × 900
- Working area: 60 × 90 cm
- Print speed: 2–6 m²/h
- White 1 + CMYK + Varnish, or White + White 2 + CMYK + Varnish
- Ink management: fully automatic negative-pressure system with ink mist collection
- Water-cooled UV lamps
- Maintenance station: electrically lifting capping station with automatic/manual cleaning and a wiper
- Ink tank, damper and printhead temperatures stabilized by a three-stage heating system
- White ink circulation and agitation, timed flushing and a bidirectional carriage collision sensor
- Bulk ink supply system with ink level sensors
- Maximum media height: 200 mm, with automatic height adjustment
- White ink agitator
- Vacuum hold-down
- Supports printing on cylindrical objects
- Bottle rotation and Camera Assisted Print (CAP)
- White, colour and varnish printed in a single pass

