

Digital High-Build Varnish Bar

EXPERIENCE THE LATEST GENERATION OF
THE HIGH-BUILD INKJET VARNISH UNIT



The unit is a unique replacement for traditional high-build, spot varnish, and doming.

Perfect fit for inline, value-added printing.

**PERFECT FIT FOR
INLINE, VALUE-
ADDED PRINTING**



High-Build Varnish Inkjet Unit

nilpeter

The latest generation of the High-Build Inkjet Unit offers extensive embellishment capabilities perfect for requirements within the health, personal care, and wine & spirits segments, to name a few.

Integrate and Retrofit on any Nilpeter Press

The unit is seamlessly integrated or can be retrofitted at any point on your Nilpeter printing press. The High-Build Varnish Inkjet Unit offers a unique opportunity to align the operation of traditional analogue and digital inkjet printing processes.

Increased Production Rates

The High-Build Varnish Inkjet Unit provides a lower overall cost of production, less material waste, faster make-ready, and increased production rates compared to traditional methods. Furthermore, product shelf-appeal is increased with little to no extra costs for screens, plates or similar.

Features

- Glossy and affordable: High-build spot varnish - no screen plate costs
- Direct TIFF-support
- Digital cold foil
- Tap & Go: Intuitive touch screen experience
- Seamless navigation: User-friendly graphics
- Reliable, recirculating ink system
- Air-cooled UV-LED Pinning System
- High precision: Advanced mark reader for spot-on registration
- Easy maintenance
- Dynamic registration
- Versatile choices: Suitable for majority of label stock



Technical specifications mm (feet/inches)

Feature	High-Build Varnish Inkjet Unit	
	14"	17"
Web width, max.	370 mm (14 ½")	430 mm (17 ¾")
Printing width, max.	330 mm (13")	410 mm (16")
Printing speed		Up to 60 m/min.
Resolution		Up to 360 dpi
Ink		Varnish
Substrates		Optimised for supported/ unsupported film - PP, PE, PET, foil, and coated paper
Substrate thickness		40 µm - 350 µm
Ink supply system		Recirculating

Benefits

- Easy to operate
- Minimum make-ready time
- Low overall cost of production
- Free positioning of unit in the press configuration
- Highly sustainable due to less waste
- Synchronisation to analogue with dynamic adjustment of digital image size to ensure perfect match to analogue repeat length

