



•300H3F



•500H3F

Precision Technology:
Equipped with advanced UV LED technology for sharp and vivid prints.

High-Speed Printing:
Delivers impressive speed without compromising quality.

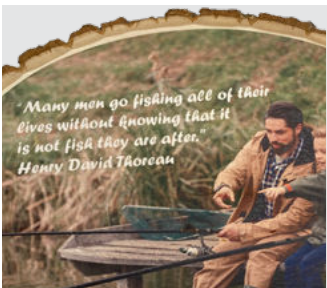
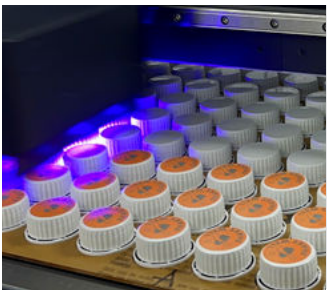
Versatile Material Compatibility:
Handles materials like wood, metal, glass, acrylic, and more.

COMMERCIAL UV-LED FLATBED PRINTERS

High Precision, Speed, and Versatility

KEY FEATURES:

- Integrated rotary printing system for cylindrical customization*
- Automatic height measurement system (media thickness 9+ inches*)
- 4 x High-powdered UV-LED lamps for high-speed bidirectional printing
- Auto white ink circulation and vacuum bed system
- Pneumatic pin-out media set registers substrates or custom jigs
- Anti-static ionizer bar and print head collision prevention system



Technical Specifications

	ColDesi UV 300H3F Printer	ColDesi UV 500H3F Printer
Max Print Area:	36" x 24"	63" x 47"
Max Substrate Height:	9.8"	5.9"
Max Substrate Weight:	62 lbs.	205 lbs.
Variable Dot Technology:	6, 12, and 18 pl	6, 12, and 18 pl
Ink System:	VividBond UV-LED: CMYKWV - 700 ml Bags	VividBond UV-LED: CMYKWV - 700 ml Bags
Ink Management:	White Ink Circulating System	White Ink Circulating System
Ink Detection:	Ink Level Detection System	Ink Level Detection System
Ink Configuration:	C, M, Y, K, W, V	C, M, Y, K, W, V
Media Absorption:	Automated Vacuum Bed	Automated Vacuum Bed
Absorbing Area Division:	1 Zone	4 Zones
Print Heads:	3 x I3200 UI	3 x I3200 UI
Bed Options:	Flatbed with Vacuum and Integrated Rotary*	Flatbed with Vacuum
UV Lamps:	4x High-Powdered UV-LED	4x High-Powdered UV-LED
Printer Dimensions:	85" W x 61" D x 53" H	130" W x 80" D x 57" H
Machine Weight:	1085 lbs.	2170 lbs.
Power Source:	220V	220V
Interface:	Ethernet	Ethernet
Control Panel:	Touchscreen	Touchscreen
Software:	ColDesi UV-RIP	ColDesi UV-RIP
Warranty:	2-Year Parts & Labor 6-Month Print Heads	2-Year Parts & Labor 6-Month Print Heads
	coldesi-uvprinter.com/coldesi-300h3f-uv-flatbed-printer/	coldesi-uvprinter.com/coldesi-500h3f-uv-flatbed-printer/

Price includes the printer, complete ink supplies, and turnkey equipment software integration services, including calibration and on-site professional training.



ColDesi VividBond UV Ink Technology

Elevate your printing capabilities with ColDesi UV Flatbed Printers, featuring VividBond UV Inks for vibrant, high-quality results on a wide range of surfaces. Achieve exceptional clarity with white ink on dark and transparent materials, and enhance your prints with striking tactile varnish effects.

KEY FEATURES:

- **Vivid Colors:** Brilliant prints with ColDesi VividBond CMYKWV Inks.
- **Precision Printing:** Smooth, detailed images powered by Variable Droplet Technology.
- **Multi-Layer Printing:** Adds depth and dimension to your designs.
- **High-Volume Capabilities:** Efficiently handles large-scale personalization projects.

PREMIUM FEATURES:

- **CMYK:** Vivid, professional-quality prints.
- **Varnish:** Adds gloss, texture, and simulated embossing for a premium finish.
- **White:** High-opacity white for dark or transparent surfaces.



*From flatbed to integrated rotatory for cylindrical items

