



•300H3F



•500H3F

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

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

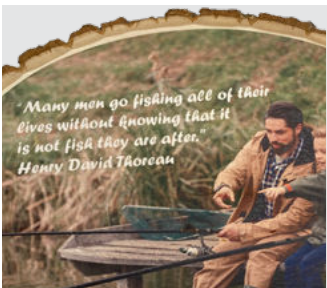
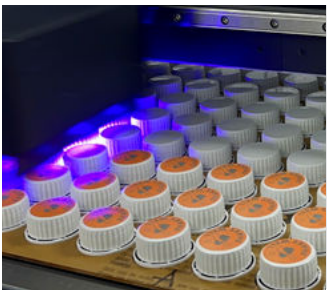
**Versatile Material Compatibility:**  
Handles materials like wood, metal, glass, acrylic, and more.

## 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
<b>Max Print Area:</b>	36" x 24"	63" x 47"
<b>Max Substrate Height:</b>	9.8"	5.9"
<b>Max Substrate Weight:</b>	62 lbs.	205 lbs.
<b>Variable Dot Technology:</b>	6, 12, and 18 pl	6, 12, and 18 pl
<b>Ink System:</b>	VividBond UV-LED: CMYKWV - 700 ml Bags	VividBond UV-LED: CMYKWV - 700 ml Bags
<b>Ink Management:</b>	White Ink Circulating System	White Ink Circulating System
<b>Ink Detection:</b>	Ink Level Detection System	Ink Level Detection System
<b>Ink Configuration:</b>	C, M, Y, K, W, V	C, M, Y, K, W, V
<b>Media Absorption:</b>	Automated Vacuum Bed	Automated Vacuum Bed
<b>Absorbing Area Division:</b>	1 Zone	4 Zones
<b>Print Heads:</b>	3 x I3200 UI	3 x I3200 UI
<b>Bed Options:</b>	Flatbed with Vacuum and Integrated Rotary*	Flatbed with Vacuum
<b>UV Lamps:</b>	4x High-Powdered UV-LED	4x High-Powdered UV-LED
<b>Printer Dimensions:</b>	85" W x 61" D x 53" H	130" W x 80" D x 57" H
<b>Machine Weight:</b>	1085 lbs.	2170 lbs.
<b>Power Source:</b>	110V	220V
<b>Interface:</b>	Ethernet	Ethernet
<b>Control Panel:</b>	Touchscreen	Touchscreen
<b>Software:</b>	ColDesi UV-RIP	ColDesi UV-RIP
<b>Warranty:</b>	2-Year Parts & Labor 6-Month Print Heads	2-Year Parts & Labor 6-Month Print Heads
	<a href="http://coldesi-uvprinter.com/coldesi-300h3f-uv-flatbed-printer/">coldesi-uvprinter.com/coldesi-300h3f-uv-flatbed-printer/</a>	<a href="http://coldesi-uvprinter.com/coldesi-500h3f-uv-flatbed-printer/">coldesi-uvprinter.com/coldesi-500h3f-uv-flatbed-printer/</a>

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

