

VK300D-HVT

FLATBED UV-LED PRINTER



Built on the same award-winning VK300D-HS platform with all the robust functionality, the VK300D-HVT is the big brother of table upgrades. Built with a custom milled aluminum tabletop made specifically for corrugated package printing, this flatbed will have your team producing at an incredible pace without the fear of curled substrates and head strikes.

A SOLUTION FOR PRINTING CORRUGATED BOARDS:

- Vacuum table is made up of 127,000 1/8th inch holes, ensuring efficient hold-down, no unintended media movement, and easy transitions between jobs
- Equipped with two 7.5 horsepower Spencer blower motors for maximum substrate stability while printing
- Two-zone, user-controlled vacuum system allows for board setup while printing
- CMYK + White + Varnish for application potential and speed

PRECISE AND ACCURATE DOT PLACEMENT FROM PRINT TO PRINT:

- 3-level Greyscale with variable drop technology and 4 picoliter drop sizes for better color gradients and smoothing capability
- Magnetic linear drive control for precise drop placement for sharper lines and text
- High-volume ink jetting at an accurate level to support productivity
- Solid aluminum table with flatness of +/- 50 microns

THE POWER OF LED TECHNOLOGY:

- Less energy on board surface vs UV mercury for wider range of substrates options
- Increases uptime and productivity with instant on/off and less maintenance
- Drive down operating costs with less energy consumption and fewer consumable parts
- Reduces waste with consistent color output and simple operation
- Satisfies customer requests for a greener print solution with no VOCs, lower power consumption, and less waste and consumables

VK300D-HVT



SPECIFICATIONS		DIMENSIONS			
Print Head	Kyocera	W x D x H	18’ 7” x 8’ 9” x 5’		
Print Resolution	Up to 1800 dpi	Weight	3,427 lbs. (1,554 kg)		
Max Print Heads	10 (5x2 rows)	Recommended Operating Dimensions	22’7” x 12’9” x 5’		
Base Ink	CMYK	Shipping Dimensions	19’3” x 10’4” x 6’2”		
Optional Ink	White + Varnish	Minimum Door Clearance	72”		
Curing	Liquid-Cooled LED				
REQUIREMENTS		MEDIA			
Power	2 x 220V 30 A Single-phase 1 x 120V 20 A Single-phase	Max Print Size	61.3” x 125.5”		
Blower Soft Start	2 x 220V or 480V Three-phase 20A or 30A (Amps determined on voltages specifications) 2 x 120V 20 A Single-phase	Max Thickness	Up to 4”		
Compressed Air	90-100 PSI	Max Weight	500 lbs.		
Environment	Dust free / climate controlled	Material Type	Rigid & flexible		
Temperature	66.2 - 87.8 °F (19-31 °C)	RIP Solution	Durst Workflow Onyx Caldera		
Humidity	40-70% non-condensing				
PRINT SPEEDS		SINGLE		DUAL	
Express	Up to 2,047 sq ft/h		Up to 3,412 sq ft/h		
Production	Up to 1,500 sq ft/h		Up to 2,421 sq ft/h		
Quality	Up to 600 sq ft/h		Up to 1,054 sq ft/h		
High Quality	Up to 400 sq ft/h		Up to 516 sq ft/h		

Experience Center: 117 Seaboard Lane • Suite D100 • Franklin, TN 37067
Corporate Office: 2410 Tech Center Pkwy • Suite 125 • Lawrenceville, GA 30043
 (470) 326-3790
vanguarddigital.com

