

VR5D-E

ENTRY-LEVEL FLATBED UV-LED PRINTER



The Vanguard Digital Printing Systems VR5D-E 4' x 8' UV-LED flatbed printer combines revolutionary technology, industry leading quality and outstanding speed to outperform in the most demanding environments with an investment level that allows Print Service Providers to expand their business. Equipped with features that make production easy and print channel configurations to suit any business needs, the VR5D-E has the versatility and scalability needed for growth.

IMPRESSIVE PRODUCTIVITY AND QUALITY:

- CMYK + White + Varnish with single-pass, multi-layer
- 3 Level Greyscale with variable drop technology and 7 picoliter drop sizes for better color gradients and smoothing capability
- Precise dot placement for sharper lines and text and less overspray
- Durst Workflow prepress & RIP software solution with Vanguard interactive G.U.I.

PRECISE AND ACCURATE DOT PLACEMENT FROM PRINT TO PRINT:

- High-volume ink jetting at an accurate level to support productivity
- Solid aluminum table with flatness of +/- 50 microns
- Four-zone, user-selectable vacuum system ensures efficient hold-down, no unintended media movement, and easy transitions between jobs

THE POWER OF LED TECHNOLOGY:

- Extends your range of supported substrates, including lower-cost and added-value specialty media
- 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

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SPECIFICATIONS			DIMENSIONS			
Print Head	Ricoh Gen5		W x D x H	15' 11" x 7' 3" x 5'		
Print Resolution	Up to 1800 apparent dpi as small as 7 pL		Weight	3,165 lbs.		
Max Print Heads	10 (5x2 rows)		Recommended Operating Dimensions	11'3" x 19'11"		
Base Ink	CMYK		Shipping Dimensions	17'9" x 8'4" x 6'2"		
Optional Ink	White + Varnish		Minimum Door Clearance	72"		
Curing	Liquid-Cooled LED					
REQUIREMENTS			MEDIA			
Power	2 x 220V Single-phase 30A 1 x 120V Single-phase 20A		Max Print Size	50" x 99"		
Compressed Air	80-100 PSI		Max Thickness	4" (10cm)		
Environment	Dust free / climate controlled		Max Weight	500 lbs.		
Temperature	66.2 - 87.8 °F (19-31 °C)		Material Type	Rigid & flexible		
Humidity	40-70% non-condensing		RIP Solution	Durst Workflow Onyx Caldera		
PRINT SPEEDS		SINGLE			DUAL	
Express	Up to 570 sq ft/h			Up to 648 sq ft/h		
Production	Up to 377 sq ft/h			Up to 535 sq ft/h		
Quality	Up to 188 sq ft/h			Up to 476 sq ft/h		
High Quality	Up to 140 sq ft/h			Up to 320 sq ft/h		

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