

ENTRY-LEVEL FLATBED UV-LED PRINTER

VR5D-E



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' 4" x 6' 7" x 4' 9"
Print Resolution	Up to 1800 apparent dpi as small as 7 pL	Weight	3,501 lbs
Max Print Heads	10 (5x2 rows)	Recommended Operating Dimensions	11'3" x 20'10"
Base Ink	CMYK	Shipping Dimensions	17'11" x 7'5" 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	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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