

**THE MOST REVOLUTIONARY  
FLATBED UV-LED PRINTER**



# VR6D-HS



GREENGUARD  
CERTIFIED INK



The VR6D-HS is the most advanced 127 x 254 cm flatbed on the market today. It combines the latest state-of-the-art Ricoh Gen 6 print head technology and high-speed magnetic drive unparalleled speed, resolution and quality.

## HIGH PRODUCTIVITY AND IMAGE QUALITY :

- CMYK + White + Varnish with singlepass, multi-layer printing
- 3 Level Greyscale with variable drop technology and 5 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 GUI.

## PRECISE AND ACCURATE DOT PLACEMENT FROM PRINT TO PRINT:

- New magnetic linear drive control
- 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 VOC-free inks, lower power consumption, and less waste and consumables

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SPECIFICATIONS		DIMENSIONS			
Print Head	Ricoh Gen6	W x D x H	381 cm x 210 cm x 153 cm		
Print Resolution	Up to 1800 apparent dpi as small as 5 pL	Weight	1,399kg		
Max Print Heads	10 (5x2 rows)	Recommended Operating Dimensions	343 cm x 635 cm		
Base Ink	CMYK	Shipping Dimensions	500 cm x 226 cm x 190 cm		
Optional Ink	W, V, Lc, Lm	Minimum Door Clearance	183 cm		
Curing	Liquid-Cooled UV-LED				
REQUIREMENTS		MEDIA			
Power	2 x 220 V, 1 phase, 32 amps 1 x 220 V, 1 phase, 16 amps	Max Print Size	127 cm x 254 cm		
Compressed Air	6 - 8 bar	Max Thickness	Up to 10 cm		
Environment	Dust free / climate controlled	Max Weight	227 kg		
Temperature	19-31 °C	Material Type	Rigid & flexible		
Humidity	40-70% non-condensing	RIP Solution	Durst Workflow		
PRINT SPEEDS		SINGLE		DUAL	
Production	Up to 74 m <sup>2</sup> /h			Up to 119 m <sup>2</sup> /h	
Quality	Up to 33 m <sup>2</sup> /h			Up to 55 m <sup>2</sup> /h	
High Quality	Up to 24 m <sup>2</sup> /h			Up to 36 m <sup>2</sup> /h	

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