VANGUARD™
DIGITAL PRINTING SYSTEMS
A Durst Group Company

GREENGUARD
PRODUCT CERTIFIED FOR
LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818
GOLD

VR6D-HS

The VR6D-HS is the most advanced 4'x8' 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 single-pass, multi-layer
- 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 G.U.I.

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 no VOCs, lower power consumption, and less waste and consumables

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VR6D-HS

SPECIFICATIONS

Print Head	Ricoh Gen6
Print Resolution	Up to 1800 apparent dpi as small as 5 pL
Max Print Heads	10 (5x2 rows)
Base Ink	CMYK
Optional Ink	White + Varnish
Curing	Liquid-Cooled LED

DIMENSIONS

W x D x H	15' 4" x 6' 7" x 4' 9"
Weight	3,501 lbs
Recommended Operating Dimensions	11'3" x 20'10"
Shipping Dimensions	17'11" x 7'5" x 6'2"
Minimum Door Clearance	72"

REQUIREMENTS

Power	2 x 220V | Single-phase | 30A 1 x 110V | Single-phase | 20A
Compressed Air	80-100 PSI
Environment	Dust free / climate controlled
Temperature	66.2 - 87.8 °F (19-31 °C)
Humidity	40-70% non-condensing

MEDIA

Max Print Size	50" x 99"
Max Thickness	4" (10cm)
Max Weight	500 lbs
Material Type	Rigid & flexible
RIP Solution	ONYX | CALDERA

PRINT SPEEDS

	SINGLE	DUAL
Express	Up to 1,001 sq ft/h	Up to 1,557 sq ft/h
Production	Up to 358 sq ft/h	Up to 702 sq ft/h
Quality	Up to 268 sq ft/h	Up to 531 sq ft/h
High Quality	Up to 214 sq ft/h	Up to 422 sq ft/h

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