

# VR6D-HS

THE MOST REVOLUTIONARY  
FLATBED UV-LED PRINTER



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

# VR6<sup>D</sup>-HS



| SPECIFICATIONS   |  | DIMENSIONS                       |   |
|------------------|--|----------------------------------|---|
| Print Head       | Ricoh Gen6                               | W x D x H                        | 15' 11" x 7' 3" x 5' (460 cm x 222 cm x 152 cm)   |
| Print Resolution | Up to 1800 apparent dpi as small as 5 pL | Weight                           | 3,165 lbs. (1,435 kg)                             |
| Max Print Heads  | 10 (5 x 2 rows)                          | Recommended Operating Dimensions | 11' 3" x 19' 11" 5' (344 cm x 582 cm x 152 cm)    |
| Base Ink         | CMYK                                     | Shipping Dimensions              | 17' 9" x 8' 4" x 6' 2" (545 cm x 256 cm x 188 cm) |
| Optional Ink     | White + Varnish                          | Minimum Door Clearance           | 72" (183 cm)                                      |
| Curing           | Liquid-Cooled LED                        |                                  |   |

| REQUIREMENTS   |  | MEDIA          |                             |
|----------------|--|----------------|-----------------------------|
| Power          | 2 x 220V   Single-phase   30A<br>1 x 120V   Single-phase   20A | Max Print Size | 50" x 99" (127 cm x 251 cm) |
| Compressed Air | 80-100 PSI   | Max Thickness  | 4" (10 cm)                  |
| Environment    | Dust free / climate controlled                                 | Max Weight     | 500 lbs. (226 kg)           |
| Temperature    | 68 - 77 °F (20-25 °C)  | Material Type  | Rigid & flexible            |
| Humidity       | 40-70% non-condensing  | 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 538 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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