VANGUARD™
DIGITAL PRINTING SYSTEMS
A Durst Group Company

VKR3200-HS

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

The robust VKR3200-HS 3.2 meter (126") roll-to-roll UV-LED printer is capable of producing 3,000 square feet per hour utilizing Kyocera's 4.25" KJ4A print head and high-speed electromagnetic drive system. Built for production, the VK3200-HS is equipped with water cooled UV-LED curing lamps, dual-roll printing capability and an ink-catch for mesh banner, window film and other porous materials. Designed for shops specifically needing to UV print high volumes of flexible media such as wallpaper, static cling, PVC banner, mesh banner, paper stock and much more.

HIGH PRODUCTIVITY AND IMAGE QUALITY :

- CMYK + White configuration options for expanded application potential with clear, colored, dark or metallic substrates

- 3 Level Greyscale with variable drop technology and 4 picoliter drop sizes for better color gradients and smoothing capability

- Multi-roll printing capabilities allows for two rolls to be printed simultaneously for greater throughput

- Optional mesh kit enables easy mesh printing, expanding application potential further

- Durst Workflow prepress & RIP software solution with Vanguard interactive G.U.I.

PRECISE AND ACCURATE DOT PLACEMENT FROM PRINT TO PRINT:

- Magnetic linear drive control for precise dot placement for incredible print quality, and sharper lines and text

- High-volume ink jetting at an accurate level to support productivity

- Solid aluminum table with flatness of +/- 50 microns

- Five-zone user-selectable vacuum system ensures hold-down as media travels across the plate

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	Kyocera	W x D x H	18' 10" x 3' 9.3" x 5' 11"
Print Resolution	Up to 1800 dpi	Weight	6,834 lbs
Max Print Heads	Up to 8 (4x2 rows)	Recommended Operating Dimensions	23'2" x 9'5" x 5'8"
Base Ink	CMYK	Shipping Dimensions	20' x 4'7" x 6'8"
Optional Ink	White + Varnish	Minimum Door Clearance	72"
Curing	Liquid-Cooled LED		

REQUIREMENTS		MEDIA	
Power	1 x 220V | 40 A | Single-phase 1 x 120V | 20 A | Single-phase	Max Print Width	3.2m / 126"
Compressed Air	80-100 PSI	Max Roll Diameter	15.75"
Environment	Dust free / climate controlled	Max Weight	440 lbs
Temperature	66.2 - 87.8 °F (19-31 °C)	Material Type	Flexible
Humidity	40-70% non-condensing	RIP Solution	ONYX | CALDERA

PRINT SPEEDS	SINGLE	DUAL
Production	Up to 1,500 sq ft/h	Up to 2,900 sq ft/h
Quality	Up to 600 sq ft/h	Up to 1,150 sq ft/h
High Quality	Up to 400 sq ft/h	Up to 800 sq ft/h

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