

VKR3200-HS

ROLL TO ROLL UV-LED Printer



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" 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 : | PRECISE AND ACCURATE DOT PLACEMENT FROM PRINT TO PRINT: | THE POWER OF LED TECHNOLOGY: |
|--|---|---|
| <ul style="list-style-type: none"> • 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. | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 5' 5" x 5' 10" | | |
| Print Resolution | Up to 1800 dpi | Weight | 6,834 lbs. | | |
| Max Print Heads | Up to 10 (5 x 2 rows) | Recommended Operating Dimensions | 22'10" x 9'10" x 5'10" | | |
| Base Ink | CMYK | Shipping Dimensions | 20' x 6'7" 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 | Durst Workflow 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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