

ULTRA-PRODUCTIVE FLATBED UV-LED PRINTER



VK3220T-HS



The VK3220T-HS redefines the meaning of productivity on a 3.2 x 2 meter (126" x 80") UV-LED flatbed. With up to three rows of printheads, print speeds can reach over 3,800 square feet per hour. Utilizing 4 picoliter drop size Kyocera heads and a high-speed magnetic drive, there's no compromise on speed to achieve remarkable quality. With the ability to print up to 10cm thick, the only limitation is your imagination.

REDEFINED PRODUCTIVITY WITH REMARKABLE PRINT QUALITY:

- CMYK + optional White + Varnish for expanded application potential
- Larger bed size for greater throughput potential
- Up to three rows of printheads to best suit business needs with the option to upgrade speed and channels as needs change and develop in the future
- Variable drop technology and 4 picoliter drop sizes for better color gradients and smoothing capability
- Precise dot placement for sharper lines and text at high print speeds

PRECISE, ACCURATE AND REPEATABLE DOT PLACEMENT:

- Magnetic linear drive control for accurate dot placement at ultra-high speeds
- High-volume ink jetting at an accurate level to support productivity
- Solid aluminum table with flatness of +/- 50 microns
- Seven-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 low VOCs, lower power consumption, and less waste and consumables

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SPECIFICATIONS		DIMENSIONS	
Print Head	Kyocera	W x D x H	18.5' x 10.8' x 5' (563cm x 329cm x 154cm)
Print Resolution	Up to 1800 dpi	Weight	6,173 lbs. (2,800kg)
Max Print Heads	15 (5 x 3 rows)	Recommended Operating Dimensions	25' x 24' (763cm x 729cm)
Base Ink	CMYK	Shipping Dimensions	19.3' x 7.1' x 5.9' (588cm x 226cm x 180cm)
Optional Ink	White + Varnish	Minimum Door Clearance	83" (210cm)
Curing	Liquid-Cooled LED		
REQUIREMENTS		MEDIA	
Power	1 x 220V Single-phase 30A 1 x 220V Single-phase 40A 1 x 110V Single-phase 20A	Max Print Size	126" x 80.7" (320cm x 205cm)
Compressed Air	80-100 PSI	Max Thickness	4" (10cm)
Environment	Dust free / climate controlled	Max Weight	661 lbs. (300kg)
Temperature	66.2 - 87.8 °F (19-31 °C)	Material Type	Rigid & flexible
Humidity	40-70% non-condensing	RIP Solution	ONYX CALDERA
PRINT SPEEDS	SINGLE	DUAL	TRIPLE
Draft	2,637 sq ft/h	3,412 sq ft/h	3,875 sq ft/h
Express	1,130 sq ft/h	2,422 sq ft/h	2,949 sq ft/h
Production	570 sq ft/h	1,055 sq ft/h	1,744 sq ft/h
High Quality	215 sq ft/h	388 sq ft/h	559 sq ft/h

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