

VKH900-HS



The versatile VKH900-HS Hybrid UV-LED combines our award winning VK300D-HS flatbed printer with the capabilities of our VKR3200-HS roll to roll printer. Maximizing the key features of each platform, we achieved astonishing speed and clarity, utilizing Kyocera’s KJ4A printhead, on either flat materials or roll stock.

The VKH900-HS is a field expandable platform allowing up to 15 Kyocera KJ4A print head, in a 3 row configuration (3 each CMYKW). With a versatile print zone of 2.5 m (98”), the VKH900-HS is designed to accommodate industry standard rolls up to 98” wide and flat media up to 2.5” thick and 10 lbs/sqft. As with all Vanguard printers, this hybrid continues to utilize fully adjustable liquid-cooled UV-LED lamps which will allow for printing on heat sensitive materials faster than competitive technologies.

VKH900-HS	
Print Head	Kyocera KJ4A
Qty. of Heads	Up to 15
Ink Configuration	CMYK + W + V
Max Flat Media Width	98”
Thickness	Up to 2.5”
Max Roll Diameter	15.75”
Max Roll Weight	330 lbs
Dimension	17’ x 5’ x 5’ 6.9”
Dimension (with 2 tables)	17’ x 10’ 3.9” x 5’ 6.9”
Electrical Requirement	2 x 220V 40 A Single-phase 1 x 120V 20 A Single-phase
Air Requirement	6-8 Bar 87-116 PSI
Max Consumption	5 (l/min) 1.3 (gal/min)
Class Particle 1	Water 4 Oil 1



THREE ROW PRINT SPEEDS	
Express	Up to 2,975 sq ft/h
Production	Up to 2,016 sq ft/h
Quality	Up to 1,250 sq ft/h
High Quality	Up to 833 sq ft/h

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SPECIFICATIONS		DIMENSIONS	
Print Head	Kyocera KJ4A	W x D x H	17' x 5' x 5' 6.9"
Print Resolution	Up to 1800 dpi	Weight	6,820 lbs
Max Print Heads	15 (5 x 3 rows)	Recommended Operating Dimensions	16' x 21'
Base Ink	CMYK + W + V	Shipping Dimensions	17' x 10' 3.9" x 5' 6.9"
Curing	Liquid-Cooled LED	Minimum Door Clearance	72"
REQUIREMENTS		MEDIA	
Power	2 x 220V 40 A Single-phase 1 x 120V 20 A Single-phase	Max Print Width	98"
Air Requirement Max Consumption Class Particle 1	6-8 Bar 87-116 PSI 5 (l/min) 1.3 (gal/min) Water 4 Oil 1	Max Roll Diameter	15.75"
Environment	Dust free / climate controlled	Max Flat Media Thickness	Up to 2.5"
Temperature	66.2 - 87.8 °F (19-31 °C)	Max Roll Weight	330 lbs
Humidity	40-70% non-condensing	Material Type	Rigid & flexible
RIP SOLUTION			
ONYX CALDERA			

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