

UV

VERVE LED Z20

TRUE FLATBED UV LED PRINTER

ENGINEERED TO PRINT ON FLAT AND CURVED SURFACES



Verve LED Z20 is an advanced 2500 × 1300 mm flatbed UV printer engineered for specialty and non-conventional printing applications. Designed to go beyond traditional flatbed limitations, it delivers high-quality output on curved, contoured, and uneven surfaces, opening new possibilities for creative and industrial printing.

Powered by an industrial printhead, the Verve LED Z20 ensures precision, reliability, and superior print quality across challenging substrates, enabling businesses to explore high-value specialty and industrial applications where conventional flatbeds often fall short.

With its advanced technology and application versatility, Verve LED Z20 helps businesses expand into new markets and unlock premium printing opportunities.



SPECIFICATIONS

VERVE LED Z20			
Models		KH9888	
Printing Technology		Drop-on-demand, Piezo Electric Inkjet	
Print Heads		KM9888H industrial printhead	
No. of Print Heads		2 to 9	
Media	Size	2.55 m x 1.35 m	
	Thickness	Maximum 100 mm	
	Handling	Suction	
Printing size		2.5 m x 1.3 m	
Curing System		Dual UV LED Lamps	
Ink	Type	UV LED Curable Rigid Ink - V5R	
	System	Bulk Ink Refillable System	
	Colors	CMYK + W + V	
Printing Resolution (dots per inch)		1440 dpi	
Distance Accuracy		Error of less than ±0.3 % of distance travelled, or ±0.3 mm, whichever is greater	
Connectivity/Interface		USB 3.0	
Power Requirements		AC 220 V, 30 A, 50/60 Hz	
Dimensions (Printer only)		4660 x 2180 x 1480 mm	
Dimensions (With Packing)		4830 x 2280 x 1840 mm	
RIP software		Onyx (Colorjet Edition)	
Weight (Net Weight/Gross Weight) kgs		1450 / 1650	
Environmental	Power ON	Temperature: 18 to 28° C Humidity: 20 to 60% RH (Non-condensing)	
	Power OFF	Temperature: 5 to 40° C Humidity: 20 to 80% RH (Non-condensing)	
Print Speed (In Sq. ft / Hr)			
Verve LED Z20			
Modes	Print DPI	Passes	1 Row
Mode 1	400 x 600	4	288
Mode 2	4000 x 900	6	192
Mode 3	400 x 1200	8	143

- Printing on curved media with a height difference of up to 20 mm
- Dual Negative Pressure Ink System
- Advanced Automatic Height Detector
- Anti-Collision Sensors
- White Ink Circulation System
- High-Performance Vacuum Table
- Dual Linear Guides for Stable Movement
- Dual Vacuum Motors
- Maglev Linear Motor (X-Axis Movement)