

# Fixed Table Flatbeds



**VR6D-HS**  
The VR6D-HS is the most advanced 4'x8' flatbed on the market today. It combines the latest stat-the-art Ricoh Gen6 print head technology and high speed magnetic drive for delivering unparalleled speed, resolution, and quality.

Cutting-edge features include environmentally responsible LED curing technology, static eliminating ionization bars, 4 vacuum zones, 6-12-18 picoliter drop size, support for CMYK + Lc + Lm + W + V inks a 50" x 99" print area, and so much more.

The VR6D-HS can be configured in a number of ways to fit your needs as your business grows. The option to be field upgradeable up to 10 heads/2 rows allows you to expand your capabilities and never slows you down.

The VR6D-HS sets the standard for all UV flatbeds.

VR6D-HS	
Print Head	RICoh Gen 6
Qty. of Heads	Up to 10
Max Print Thick.	4"
Ink Config.	CMYK+LcLm+W+V
Max Print Area	50" x 99"
Machine Dim.	15'4" x 6'7" x 4'9"
Electrical Req.	2x 220v   30A   1 Phase
Air Req.	80-100 PSI
Single Row Print Speeds	
Express	N/A
Production	800 Sq ft/h
Quality	352 Sq ft/h
High Quality	274 Sq ft/h
Dual Row Print Speeds	
Express	N/A
Production	1,280 Sq ft/h
Quality	576 Sq ft/h
High Quality	384 Sq ft/h

## Vanguard Cutting Edge Technology

- ALIGN**GUARD  
Air assisted pin registration provides precise media alignment with every print.
- PRESSURE**GUARD  
Provides stability within the negative pressure system which increases the life cycle of critical components.
- CURE**GUARD  
Precisely adjustable LED curing technology allows you to print to more substrates with greater control.
- ACCU**GUARD  
A metal raster strip provides the most accurate dot placement in the industry.
- PRINT**GUARD  
Reduce time and waste with pinpoint accurate print resuming after a crash sensor has been reset.
- NOISE**GUARD  
Twin mufflers reduce the noise level of the powerful media vacuum pumps.
- BAND**GUARD  
Virtually eliminate chromatic banding, allowing you to print at faster speeds and better quality.
- TIME** GUARD  
Increase productivity and reduce labor by accurately printing from front to back and back to front.
- MEDIA**GUARD  
Measure media thickness with our auto-height detection system in just a matter of seconds
- STATIC**GUARD  
Be proactive by reducing static charges on acrylics and other positively charged substrates.



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Vanguard Digital Printing Systems - A Durst Group Company is building a proud history of adapting products to meet their family of clients' needs by defining the market through ever evolving innovation, technology, quality, and speed. We don't force our clients to adapt to our equipment, but rather, we adapt our equipment to fit the needs of our clients' unique applications.

VAN•GUARD / van•guärd / noun:  
A group of people leading the way in new developments and ideas.



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Vanguard Digital Printing Portfolio



# Fixed Table Flatbeds

## VK300D-HS VK300D-HVT VK300D-SS



**VK300D-HS**  
Built on the 4-time award winning series, the 5' x 10' VK300D-HS LED UV fixed flatbed is the best 5' x 10' digital flatbed printer, period! This fully featured printer revolutionizes the industry with a high-speed electromagnetic drive system that propels the carriage at speeds up to 2.2m per second for an incredible 60 boards per hour. This impressive advancement ensures your business will erform any com-  
petitor.

The VK300D-HS comes equipped with industrial Kyocera KJ4A print heads that deliver print dots small as 3.5pl ensuring tight dot placement for id output on virtually any substrate up to 4" thick. Other features include auto height detection, one-touch pin registration, front-to-back and back-to-front printing, water cooled LED curing technology, ionization bars, 6 reversible vacuum zones and supports CMYK, LC, LM, W & V. The VK300D-HS is engineered to grow with your business and is field expandable up to 10 print heads via 2 print rows.

**VK300D-SS**  
The VK300D-SS is the exclusive table upgrade of the VK300D-HS manufactured wi a customized honeycomb tabletop made for wood, aluminum, and other hard to hold down substrates. The SS version utilizes an enhanced suction system tat employs 120K 1/8th inch holes, 2 independent vacuum zones and 2 - 5hp Spencer blowers to smooth out the most warped material for improved, unin-  
terrupted printing.

**VK300D-HVT**  
The VK300D-HVT is the big brother of table upgrades. Built with a custom milled aluminum tabletop made specifically for corrugated package printing, this table will have your team producing at an incredible pace without the fear of curled substrates and head strikes. The table is made up of 120K 1/8th inch holes and 2-7.5 HP Spencer blowers for maximum substrate stability while printing.



**VK300D-HVT**  
120,000 1/8" holes on the VK300D-HVT & VK300D-SS vacuum table for superior vacuum power.

VK300D-HS VK300D-HVT VK300D-SS	
Print Head	Kyocera KJ4a
Qty. of Heads	Up to 10
Max Print Thick.	4"
Ink Config.	CMYK+LcLm+W+V
Max Print Area	62" x 125"
Machine Dim.	18'7" x 8'3" x 4'9"
Electrical Req. *	2x 220v   30A   1 Phase
Air Req.	80-100 PSI
Single Row Print Speeds	
Express	N/A
Production	1,500 Sq ft/h
Quality	600 Sq ft/h
High Quality	400 Sq ft/h
Dual Row Print Speeds	
Express	N/A
Production	2,900 Sq ft/h
Quality	1,150 Sq ft/h
High Quality	800 Sq ft/h

\*VK300D-HVT & SS Additional Electrical Requirements: 2x 480 | 20A | 3Phase

## VR5D-E



**VR5D-E**  
Our VR5D-E is the most feature rich, entry level 4' x 8' true LED UV flatbed printer on the market. With industry proven, dual channel color Ricoh Gen5 print heads, you can expect both quality and speed, up to 12 board an hour, at an affordable starting price. The VR5D-E is also field upgrade-able, up to 10 print heads in 2 rows (2x5), for increased production. While pricing is entry level the VR5D-E is an Industrial, High Production Printer engineered for worry-free maintenance and ease of operation. High production with low operating cost is at your fingertips! The VR5D-E supports CMYK + Lc + Lm + W + V printing while utilizing 7-14-21 pL dots for vivid color output on substrates up to 4" thick. Other features include auto height detection, one-touch print registration, front-to-back and back-to-front printing and 4 reversible vacuum zones.

The end result is a versatile printer that helps you expand your job applications and grows with your business.

VR5D-E	
Print Head	Ricoh Gen5
Qty. of Heads	Up to 10
Max Print Thick.	4"
Ink Config.	CMYK+LcLm+W+V
Max Print Area	50" x 99"
Machine Dim.	15'4" x 6'7" x 4'9"
Electrical Req.	2x 220v   30A   1 Phase
Air Req.	80-100 PSI
Single Row Print Speeds	
Express	428 Sq ft/h
Production	322 Sq ft/h
Quality	274 Sq ft/h
High Quality	180 Sq ft/h
Dual Row Print Speeds	
Express	648 Sq ft/h
Production	535 Sq ft/h
Quality	476 Sq ft/h
High Quality	320 Sq ft/h

# Roll to Roll UV

## VKR3200-HS



**VKR3200-HS**  
The robust VKR3200-HS 3.2 meter (126)" true roll-to-roll UV LED printer is capable of producing 3000 sq. ft/hour utilizing Kyocera's 4.25" KJ4A print head and high-speed electro-magnetic drive system. The KJ4A is a two-channel print head design that supports two colors at a time. The small 3.5, 7, 11 picoliter drop size ensures tight dot placement for a vividly printed output on substrates up to 1" thick. These advanced features make it the fastest and most accurate printer in its class.

The VKR3200-HS is field expandable up ot two rows of heads for a total of 8 and supports CMYK, Lc, Lm, plus W. this robust 3.2m/126" roll-to-roll flatbed is powered by the Kyocera KJ4a 4.25" printhead which has an astonishing 2,656 nozzles and is capable of jetting 3.5, 7, & 14 picoliter dot sizes so you can achieve near continuous tone quality. The VKR3200-HS also comes standard with water cooled LED curing lamps, dual-roll printing capability and an ink-catch for mesh banner, window film and other port materials.

VKR3200-HS	
Print Head	Kyocera KJ4A
Qty. of Heads	Up to 8
Ink Config.	CMYK+LcLm+W+V
Max Print Width	3.2m / 126"
Max Roll Dia.	15.75"
Max Roll Weight	440 lbs
Machine Dim.	18' 10" x 3' 9.3" x 5' x 11"
Electrical Req.	2x 220v   30A   1 Phase
Air Req.	80-100 PSI
Single Row Print Speeds	
Express	N/A
Production	1,500 Sq ft/h
Quality	600 Sq ft/h
High Quality	400 Sq ft/h
Dual Row Print Speeds	
Express	N/A
Production	2,900 Sq ft/h
Quality	1,150 Sq ft/h
High Quality	800 Sq ft/h

# Materials to Print On:

- PVC
- Vinyl
- Acrylic
- Canvas
- Paper
- Foam
- Coroplast
- Styrene
- Wood
- Metal
- Plastic
- Glass
- Leather
- Stone
- Brick
- Porcelain
- Rubber
- Fabric
- Cardboard
- And more...

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