



GROWING YOUR BUSINESS TOGETHER



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SEDO.
large format solutions

VK300D-HS

FLATBED LED UV PRINTER



GREENGUARD
CERTIFIED INK

LOW
VOC

The VK300D-HS is a part of our 6-time award winning VK300D Series. It is a fully featured printer that has revolutionized the industry with a high-speed electromagnetic drive system that propels the carriage at speeds up to 1.8 m per second for an incredible speed up to 60 boards per hour. These impressive advancements ensure your business will outperform any competitor.

The VK300D-HS comes equipped with industrial Kyocera KJ4A print heads that deliver print dots as small as 3 picoliter drop size ensuring tight dot placement for vivid output on virtually any substrate up to 10 cm thick.

Other features include auto height detection, one-touch pin registration, front-to-back and back-to-front printing, liquid cooled LED curing technology, static suppression bars, and reversible vacuum zones. Engineered to grow with your business, the VK300D-HS is available with up to 10 print heads, and can be expanded in the field.

VK300D-HS

Print Head	Kyocera KJ4A
Qty. of Heads	Up to 10
Max Print Thickness	10 cm
Ink Configuration	CMYK + W + V
Max Print	157 cm x 318 cm
Dimension	566 cm x 251 cm x 124 cm
Electrical Requirement	2 x 220 V 32 A 1 phase 1 x 220 V 16 A 1 phase
Air Requirement	6-7 bar

SINGLE ROW PRINT SPEEDS

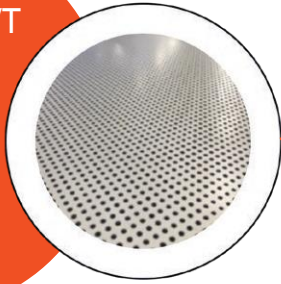
Production	Up to 139 m/h
Quality	Up to 56 m/h
High Quality	Up to 37 m/h

DUAL ROW PRINT SPEEDS

Express	Up to 317 m/h
Production	Up to 255 m/h
Quality	Up to 98 m/h
High Quality	Up to 68 m/h

VK300D-HVT

VK300D-HVT
& VK300D-SS
124.000 3mm holes
on the vacuum
table for superior
vacuum power.



WITH UPGRADED HIGH SUCTION VACUUM TABLE

Built on the same award winning VK300D-HS platform with all the robust functionality, the VK300D-HVT is the big brother of table upgrades. Built with a custom milled aluminum tabletop made specifically for corrugated package printing, this flatbed will have your team producing at an incredible pace without the fear of curled substrates and head strikes. The vacuum table is made up of 124.000 3 mm holes and two 7.5 horsepower Spencer blower motors for maximum substrate stability while printing.

VK300D-HVT VK300D-SS

Print Head	Kyocera KJ4A
Qty. of Heads	Up to 10
Max Print Thickness	10 cm
Ink Configuration	CMYK + W + V
Max Print	157 cm x 318 cm
Dimension	566 cm x 251 cm x 124 cm
Electrical Requirement	2 x 480 V 20A 3 phase
Vacuum Electrical	Consult with your representative for additional electrical requirements.
Air Requirement	6-7 bar

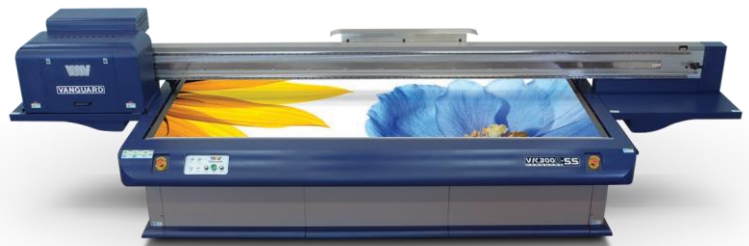
SINGLE ROW PRINT SPEEDS

Production	Up to 139 m/h
Quality	Up to 56 m/h
High Quality	Up to 37 m/h

DUAL ROW PRINT SPEEDS

Express	Up to 317 m/h
Production	Up to 255 m/h
Quality	Up to 98 m/h
High Quality	Up to 68 m/h

VK300D-SS



WITH UPGRADED HIGH SUCTION VACUUM TABLE

The VK300D-SS features an upgraded robust vacuum table. Built with a custom milled aluminum vacuum table designed specifically to pull down the most warped substrates. The VK300D-SS reduces the risk of head strikes and offers you peace of mind when printing severely warped materials. The vacuum table is made up of 124.000 3 mm holes and two 5 horsepower Spencer blower motors for maximum substrate stability while printing.

VR6D-HS

THE MOST REVOLUTIONARY FLATBED LED UVPRINTER

The VR6D-HS is the most advanced 127 cm x 254 cm flatbed on the market today. It combines the latest state-of-the-art Ricoh Gen 6 print head technology and high-speed magnetic drive unparalleled speed, resolution and quality.



CUTTING-EDGE FEATURES INCLUDE

- Environmentally responsible LED curing technology
- Static suppressing ionization bars
- 4 vacuum zones
- 5 picoliter drop size
- Support for CMYK + W + V inks
- 127 cm x 254 cm print area
- 3 carriage speeds up to 1.8 m/s

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 with up to 10 heads (5 x 2) rows allows you to expand your capabilities and never slows you down.

The VR6D-HS sets a new standard for all UV flatbeds.

VR6D-HS

Print Head	Ricoh Gen6
Qty. of Heads	Up to 10
Max Print Thickness	10 cm
Ink Configuration	CMYK + W + V
Max Print	127 cm x 254 cm
Dimension	467 cm x 200 cm x 145 cm
Electrical Requirement	2 x 220 V 32 A 1 phase 1 x 220 V 16 A 1 phase
Air Requirement	6-7 bar

SINGLE ROW PRINT SPEEDS

Production	Up to 74 m/h
Quality	Up to 33 m/h
High Quality	Up to 24 m/h

DUAL ROW PRINT SPEEDS

Production	Up to 119 m/h
Quality	Up to 55 m/h
High Quality	Up to 36 m/h

VR5D-E

ENTRY LEVEL FLATBED LED UV PRINTER

Our VR5D-E is the most feature rich, entry level 127 cm x 154 cm true LED UV fixed table on the market. Utilizing industry-proven, Ricoh Gen5 print heads, you can expect both quality and speed, at an affordable starting price.



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The VR5D-E is field upgradeable, with up to 10 print heads in 2 rows (2x5), for increased production. While pricing is entry level, the VR5D-E is an Industrial printer engineered for worry-free maintenance and ease of operation. High production workflow operating cost is at your fingertips!

The VR5D-E supports CMYK + W + V printing while utilizing 7 pL dots for vivid color output on substrates up to 10 cm thick. Other features include auto height detection, one-touch pin 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 Thickness	10 cm
Ink Configuration	CMYK + W + V
Max Print	127 cm x 254 cm
Dimension	467 cm x 200 cm x 145 cm
Electrical Requirement	2 x 220 V 32 A 1 phase 1 x 220 V 16 A 1 phase
Air Requirement	6-7 bar

SINGLE ROW PRINT SPEEDS

Express	Up to 40 m/h
Production	Up to 30 m/h
Quality	Up to 24 m/h
High Quality	Up to 17 m/h

DUAL ROW PRINT SPEEDS

Express	Up to 60 m/h
Production	Up to 50 m/h
Quality	Up to 44 m/h
High Quality	Up to 30 m/h

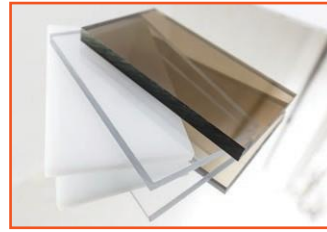
APPLICATIONS:



PVC



BRUSHED ALUMINUM



ACRYLIC



FOAM COREBOARD



PORCELAIN



CANVAS



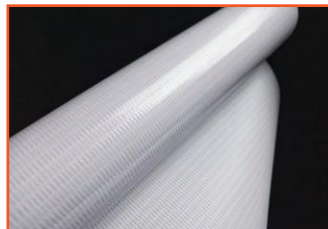
STONE



WOOD



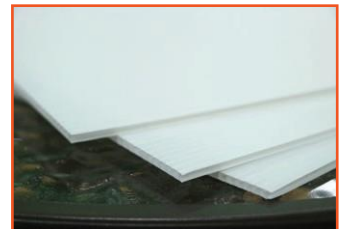
BRICK



VINYL



LEATHER



COROPLAST

... AND MUCH MORE!

Vanguard Cutting Edge Technology

ALIGNGUARD

Air assisted pin registration provides precise media alignment with every print.

PRESSUREGUARD

Provides stability within the negative pressure system which increases the life cycle of critical components.

CUREGUARD

Precisely adjustable LED curing technology allows you to print to more substrates with greater control.

ACCUGUARD

A metal raster strip provides the most accurate dot placement in the industry.

PRINTGUARD

Reduce time and waste with pinpoint accurate print resuming after a crash sensor has been reset.

NOISEGUARD

Twin mufflers reduce the noise level of the powerful media vacuum pumps.

BANDGUARD

Virtually eliminate chromatic banding allowing you to print at faster speeds and better quality.

TIMEGUARD

Increase productivity and reduce labor by accurately printing from front-to-back and back-to-front.

MEDIAGUARD

Measure media thickness with our auto-height detection system in just a matter of seconds.

STATICGUARD

Be proactive by reducing static charges on acrylics and other positively charged substrates.

THE BEST BUSINESS PARTNER TO INCREASE THE GROWTH OF YOUR BUSINESS

Product of the Year - 6 Years in a Row!



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 application.

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





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