

# VR5D



# VANGUARD

DIGITAL PRINTING SYSTEMS



[www.vanguarddigital.com](http://www.vanguarddigital.com)

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The Vanguard Digital Printing Systems **VR5D** flatbed UV printer combines revolutionary technology, industry leading quality and outstanding speeds to satisfy the most demanding environment.

The **VR5D** utilizes the latest RICOH GEN 5 printhead with grey scale variable drop technology. It's robust industrial grade design delivers photorealistic images at blazing fast speeds.

Chromatic banding is virtually eliminated with the **VR5D**! With configurations featuring **BandGUARD** Technology (YMCKW - WKCMY) each pass is uniform allowing for more sellable output in less time.

The **VR5D** was designed with your company growth in mind. The base model uses just 2 print heads and delivers exceptional speed and quality. As your company grows, additional printheads can be added to the same machine to drastically increase speed and productivity.

Rest assured, that with the vast features of the **VR5D**, combined with Vanguard Digital Printing Systems commitment to quality and service, your decision to partner with us will be a rewarding and refreshing experience.

## **GUARD** Your Investment

**BandGUARD** - Virtually eliminate chromatic banding, allowing you to print at faster speeds and better quality.

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

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

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

**PressureGUARD** - Provides stability within the color and white negative pressure system which increases the life cycle of critical components.

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

**VAN•GUARD** /van•gärd/ noun A group of people leading the way in new developments and ideas

# VR5D SPECIFICATIONS

## PRINTER

<b>Print Head</b>	RICOH GEN 5 Piezo Inkjet System
<b>Print Resolution</b>	Up To 1800 Apparent DPI
<b>Ink Type</b>	UV Curable
<b># Of Head Slots</b>	10 - (5 x 2 rows)
<b>Base Ink Configuration</b>	CMYK, CMYK + W
<b>Max Configuration</b>	CMYK-WW-KYMC x 2
<b>Curing</b>	Liquid Cooled LED

## DIMENSIONS

<b>L x W x H</b>	15' 4.25" x 6'7" x 4'9"
<b>Crated L x W x H</b>	16' 5" x 7'5" x 5'8"
<b>Weight</b>	3,527lbs
<b>Weight Crated</b>	4,255lbs

## SOFTWARE

<b>Operating System</b>	Windows 7 - 64 Bit
<b>Monitor</b>	High Resolution Touch Screen
<b>Control Software</b>	Integrated Proprietary Interface
<b>OEM RIP</b>	Solutions Onyx / Caldera
<b>RIP Hardware</b>	Onboard upgrades (Onyx only)

## REQUIREMENTS

<b>Power</b>	(2) AC 220V, Single Phase, 30 A
<b>Network</b>	Ethernet/Internet Connection Optional
<b>Temperature</b>	68 - 86 F
<b>Humidity</b>	40% - 80% (non-condensing)
<b>Air Particulate</b>	Dust Free

## MEDIA

<b>Max Print Size</b>	49" x 99"
<b>Max Thickness</b>	Up to 4" Thick
<b>Max Weight</b>	300lbs
<b>Material Type</b>	Rigid & Flexible

## GENERAL

<b>Installation</b>	1-2 Days On-Site
<b>Training</b>	3-4 Days On-Site
<b>Site Location</b>	Customer Responsibility
<b>Certifications</b>	CE, UL
<b>Warranty</b>	1 Year On Printer Parts & Labor
<b>Board Warranty</b>	2 Years On All Printer Boards

**ServiceGUARD** - Our national service team is ready when you need us. Just a phone call puts our group into action to listen, diagnose and get you back up and running.



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