



# VANGUARD

DIGITAL PRINTING SYSTEMS

***Distributed by:***

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*Screen Printing ♦ Digital ♦ Supplies, Equipment & Services*

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**GROWING YOUR BUSINESS TOGETHER**

**Vanguard Digital Printing Portfolio**

# Fixed Table Flatbeds

## VKM600T-HS



### VKM600T-HS

The VKM600T-HS is the most advanced 4' x 8' flatbed on the market today. It combines the latest state-of-the-art Konica Minolta 1024aSHE 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 VKM600T-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 15 heads/3 rows allows you to expand your capabilities and never slows you down.

The VKM600T-HS sets the standard for all UV flatbeds.

## VKM600T-HS

Print Head	Konica 1024a
Qty. of Heads	Up to 15
Max Print Thick.	4"
Ink Config.	CMYK+LcLm+W+V
Max Print Area	50" x 99"
Machine Dim.	16'10" x 7'3" 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

### Triple Row Print Speeds

Express	N/A
Production	1,760 Sq ft/h
Quality	800 Sq ft/h
High Quality	544 Sq ft/h

## 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.

# VANGUARD

THE BEST BUSINESS  
PARTNER TO INCREASE  
THE GROWTH OF  
YOUR BUSINESS

## Product of the Year – 4 Years in a Row



Vanguard Digital Printing Systems 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.

