

HARPETH

HIGH-PRODUCTION WORKFLOW SOLUTION

FROM VANGUARD

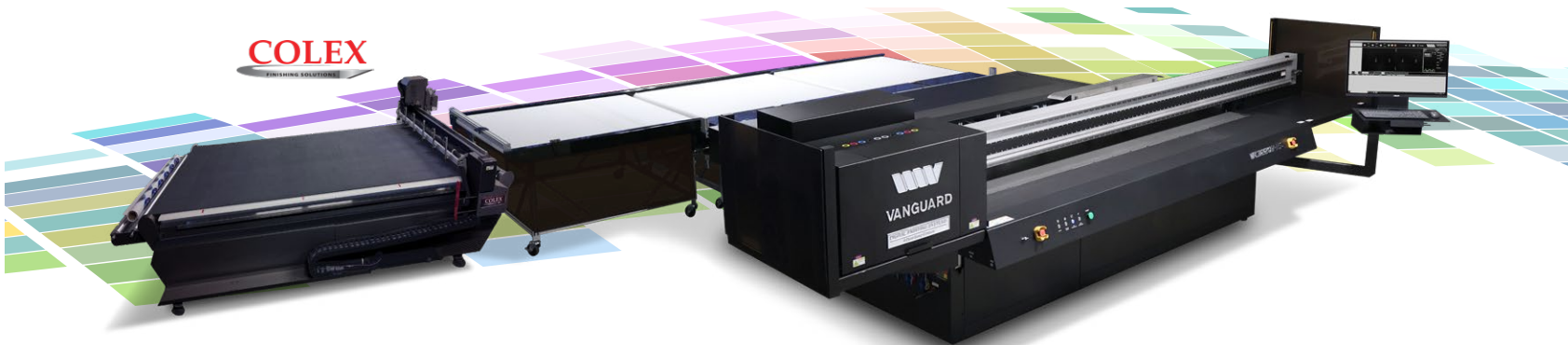
THE DYNAMIC AND FLEXIBLE PRINTING SOLUTION.

One way to maximize a printer's throughput potential is to automate media handling. Vanguard Digital created the modular Harpeth system to simplify rigid print production for the Sign & Display and Packaging market to reduce turnaround time for clients and brands.

The Harpeth automated print-to-cut system is comprised of the VK3220T-HS UV-LED flatbed printer from Vanguard, and the in-line transport system partnered with the Vanguard edition of the Sharpcut digital cutter from Colex. With the ability to automate the workflow between print and cutting, Print Service Providers can reduce cost and reduce media handling times for greater productivity.

The Harpeth automated print-to-stack system utilizes automated offloading to stack printed sheets in a media collector, allowing for printed sheets to be ready for the next step in production without operation intervention. In today's competitive landscape, efficiency is the key to success in any print business, as well as with clients and brands.

VK3220T-HS



The VK3220T-HS UV-LED flatbed printer features remarkable speeds with print quality that will satisfy nearly any client and brand. The VK3220T-HS features a 3.2 x 2 meter (126" x 80") vacuum table for larger substrates and a greater print surface area for tiling prints across the bed.

With up to three rows of printheads, print speeds on the VK3220T-HS can reach over 3,800 square feet per hour, and the Harpeth in-line transport system reduces handling time. The VK3220T-HS printer has the flexibility needed by Print Service Providers with configuration and channel options to best suit business needs today and into the future, as all Vanguard printers are upgradeable in the field.

AN ULTRA-PRODUCTIVE UV-LED FLATBED PRINTING SYSTEM: VK3220T-HS

- CMYK + optional White + optional Varnish for expanded application potential
- Variable drop technology and 4 picoliter drop sizes for better color gradients and smoothing capability
- Magnetic linear drive control for accurate dot placement at ultra-high speeds
- High-volume ink jetting at an accurate level to support productivity
- Seven-zone, user-selectable vacuum system ensures efficient hold-down, no unintended media movement, and easy transitions between jobs
- UV-LED curing increases uptime and productivity with instant on/off and less maintenance
- Print on substrates up to 10 cm (4") thick to better serve clients



A POWERFUL AND VERSATILE FLATBED CUTTING SYSTEM: COLEX SHARPCUT



- Increased acceleration & cutting speeds for greater productivity
- Automated finishing system allows for reduced costs and increased efficiency
- Universal triple tool head enables the operator to be prepared to finish different substrates
- Vision registration system & camera to ensure an accurate cut on every job
- Energy efficient 6-zone vacuum system to securely hold down printed sheets for proper finishing
- Solid steel welded frame for robust construction and minimized vibration
- Precision balanced aluminum rollers to protect substrates throughout the cutting process

A FLEXIBLE AUTOMATED OFFLOADING SYSTEM: PRINT-TO-STACK MEDIA COLLECTOR

- Printed rigid substrates are stacked neatly for post-print production
- Print-to-stack production offers enhanced efficiency to take full advantage of print speed
- Automated stacking reduces the risk of substrate damage or dirtying
- Designed to handle 4' x 8' (121 cm x 243 cm) or 5' x 10' (152 cm x 304 cm) boards
- Configuration layout allows for quick, one-off jobs to be produced
- Printed stack is easily removed to allow for continuous production
- Capable of handling one- or two-sided print workflows

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