

HARPETH

HIGH-PRODUCTION PRINT-TO-CUT WORKFLOW SOLUTION FROM VANGUARD & COLEX

THE DYNAMIC AND FLEXIBLE PRINT-TO-CUT SOLUTION.

One way to maximize a printer's throughput potential is to automate media handling. Vanguard Digital and Colex have collaborated to provide a fully automated print-to-cut workflow 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. In today's competitive landscape, efficiency is the key to success in any print business, as well as with clients and brands.

VK3220T-HS

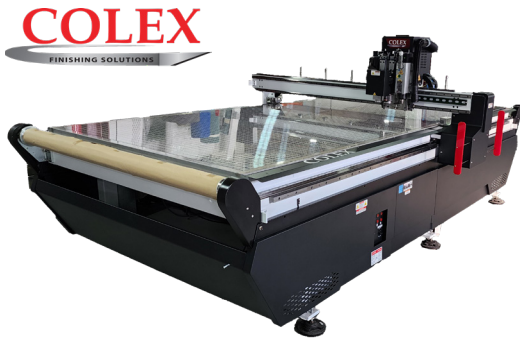
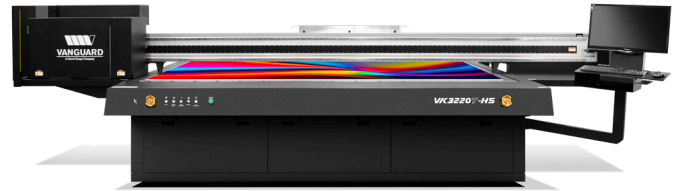


The VK3220T-HS UV-LED flatbed printer is the culmination of years of printer manufacture and development experience. The VK3220T-HS produces print at remarkable speeds with print quality that will satisfy nearly every client and brand. The VK3220T-HS features a 3.2 x 2 meter (126" x 80") vacuum table 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 in-line transport system reduces handling time with post-print automation with the Harpeth system. 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 + 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 10cm thick to better serve clients



The Colex Sharpcut Digital Flatbed Cutter is an exceptionally affordable cutter for Print Service Providers looking to grow their business. This complete turnkey solution will help automate the print workflow and reduce costs associated with the finishing process of large format graphics and products. This can open the doors to new opportunities, reduce costs, and help increase production while tapping into new revenue streams.

The Colex Sharpcut Finishing System features an automated and easy-to-use workflow solution for nesting and optimizing media. And to make the cutter even more productive, the Sharpcut Conveyor efficiently speeds up the removal of finished jobs from the cutting table.

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



Triple tool head