



Small Runs

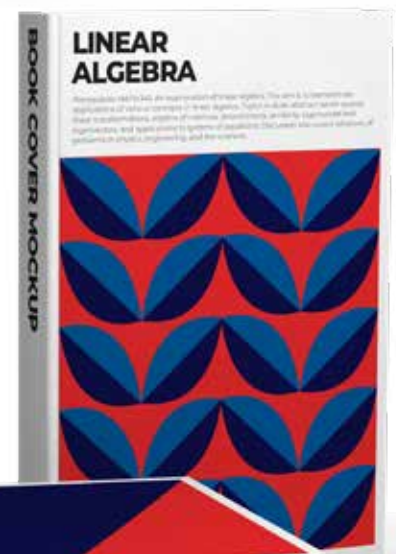


Packaging

Automated Printing System Utilizing TrojanLabel T3 Results in Rapid Printing and Preparation of Book and Book Block Finishing

A Scandinavian-based company responsible for providing tailored solutions to various industries faced a unique challenge from the graphics and publishing industry. The company, which prides itself on meeting customers' specific requirements, was tasked with developing an automatic solution to digitally print on book covers and book blocks, preferably in short runs due to the unpredictable nature of this demand. To fulfill this request, the company needed a digital inkjet printing solution equipped with exceptionally high resolution to effectively print on all four sides of a stack of books.

Due to its high print resolution (1600 x 1600 dpi), easy integration, and user-friendly interface, the company was intrigued by AstroNova's TrojanLabel T3. After successfully integrating the T3, the company developed a unique automated clamping device to hold, move, and rotate a stack of books during printing. The automation equipment shifts a stack so that each side moves under the printhead, and the stationary inkjet printhead prints on one side at a time. The use of format-specific clamping plates allows the company to format changes quickly and print on books of varying sizes, resulting in rapid printing and preparation of orders for shipment.



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