

TNM PRINT Sets New Standards in Book Printing

The Czech Republic, TNM PRINT Ltd. | Lithrone G40P advance [GL-840P-A]



In a field where quality and efficiency are essential, TNM PRINT combines innovation, customer satisfaction, and a focus on Total Cost of Ownership (TCO) to maintain its competitive edge. By reflecting on TCO -- the balance of initial investment, long-term operational costs, and value generation -- TNM PRINT ensures its decisions deliver both immediate and enduring benefits. With recent advancements in print production and finishing, the company swiftly adapted, doubling capacity and speed with their latest equipment -- a vital upgrade for a printing operation focused on timeliness and excellence. This investment has impressed both the TNM PRINT team and their customers, who now have even more confidence in TNM PRINT's ability to deliver high-quality results through seamless, state-of-the-art operations.

From left: Radek Kuklík (Manager of TNM PRINT), Libor (TNM press operator), Radek Liška (Graffin technician), Pepa (TNM press operator), Edgars Taujenis (Print instructor from Starlett)

Based in the Czech Republic, TNM PRINT is renowned for quality and innovation in book printing. Founded in 1969 and rebranded in 1997, the company boasts a rich legacy of evolution, continuously investing in advanced machines and software to stay competitive. Specializing in paperback and hardcover books, TNM PRINT expertly manages the entire process -- from initial preparation to applying unique finishes, such as 2D and 3D UV varnishes and foil stamping.

Radek Kuklík, Print Shop Manager at TNM PRINT for nearly 20 years, views printing with a passion due to its diversity and constant innovation. "We are basically always learning," he says, noting recent advancements in production and finishing. With automation now central to the industry, TNM PRINT has streamlined operations, boosted efficiency, and expanded creative possibilities -- enhanced by the addition of the eight-color Lithrone G40P advance, blending tradition with a forward-looking approach.

The Search for a New Printing Press

When searching for a new press, TNM PRINT prioritized their customers' needs and Total Cost of Ownership. After evaluating several options, they selected an eight-color press with a sheet reversing mechanism, choosing it for its reliability, local support, and user-friendly interface -- factors that minimize hidden costs and maximize efficiency. This configuration significantly boosts capacity and reduces production times, aligning with their commitment to cost-effective, high-quality solutions.

The installation process revealed how TCO principles guide TNM PRINT's strategy. Embracing double-sided printing and extended color gamut has optimized resource allocation while expanding creative possibilities. These enhancements enable TNM PRINT to meet evolving demands, combining efficiency and quality to ensure customer satisfaction and maintain profitability.

Adapting to Advanced Printing Technology

Installing the new press brought about exciting challenges, particularly in adapting to its advanced features. TNM PRINT's team had to adjust to double-sided printing in a single pass, as well as the intricacies of working with the sheet reversing mechanism. Initially, there were hurdles, but with time, the team became adept at maximizing the machine's potential. The new eight-color press enables TNM PRINT to produce prints with an extended color gamut, adding three additional colors to the standard CMYK. This capability allows the company to deliver more vibrant, high-quality reproductions and meet the demands of intricate designs.

"Our production manager and operators are very satisfied with the press. Customers who have seen it in action have expressed their delight with the quality and speed, giving them confidence that their orders will be processed quickly and to the highest standard," Kuklík says. With average print runs around 1,700 sheets, TNM PRINT is now more capable than ever of handling diverse and complex print jobs.

Comprehensive Equipment for All Stages of Production

In addition to the Komori presses, the company's postpress department includes machines like the MBO K800 and RS folding machines with CoBot configuration that contribute to optimizing the workflow, ensuring that the folded sections are collected on the pallet smoothly and efficiently. The team appreciates the synergy between all machines, as each one contributes to TNM PRINT's smooth operation and high standards.

Focusing on Automation and Client Confidence

With its eye on the future, TNM PRINT is committed to consolidating and strengthening its position as a competitive player in both the Czech and international markets. To achieve this, the company plans to further invest in automation across the entire production process, from order processing to final dispatch. "We want our customers to feel confident that their orders will be handled with care and precision, and that they will be shipped on time," Kuklík says.

Investing in automation not only ensures a higher level of consistency and quality control but also enables TNM PRINT to maintain competitive pricing and timely delivery, key factors in client satisfaction. By staying agile and forward-looking, the company aims to continue offering reliable service while remaining a trusted partner for clients.

A Proven Partner in Print

TNM PRINT takes a unique approach to customer relationships, striving to create partnerships that are both satisfying and beneficial. "Where we try to be different is by being open with our customers and establishing partnerships that lead to the satisfaction of both parties. We advise our customers in executing their orders, helping them make their products not only compelling in content but also visually striking," Kuklík explains. This dedication to understanding each client's unique needs and creating personalized solutions has been critical to the company's continued success and customer loyalty.

Through every challenge and upgrade, the company has stayed true to its mission of

maintaining excellence in print. With its most recent investment, TNM PRINT not only enhances its own capabilities but also solidifies its commitment to serving clients with the best that modern printing technology has to offer.