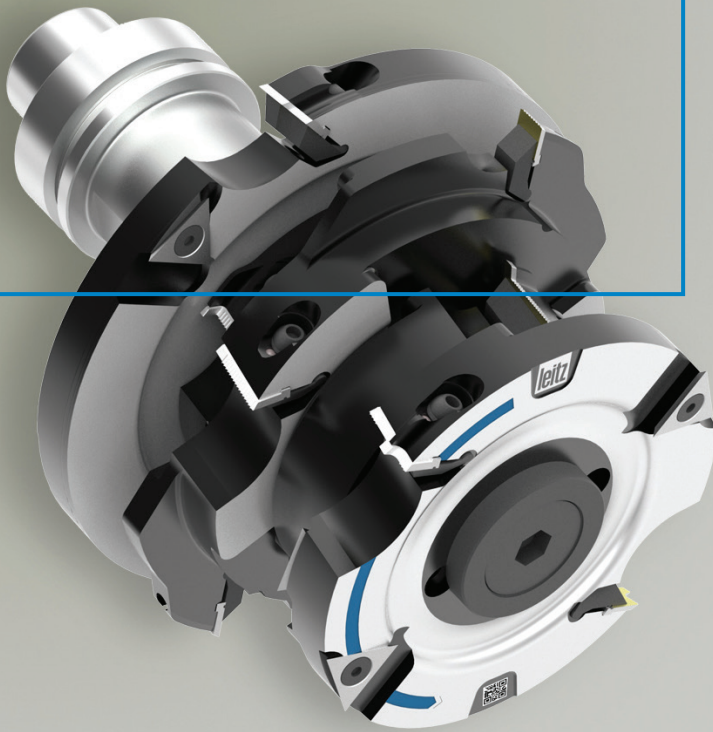




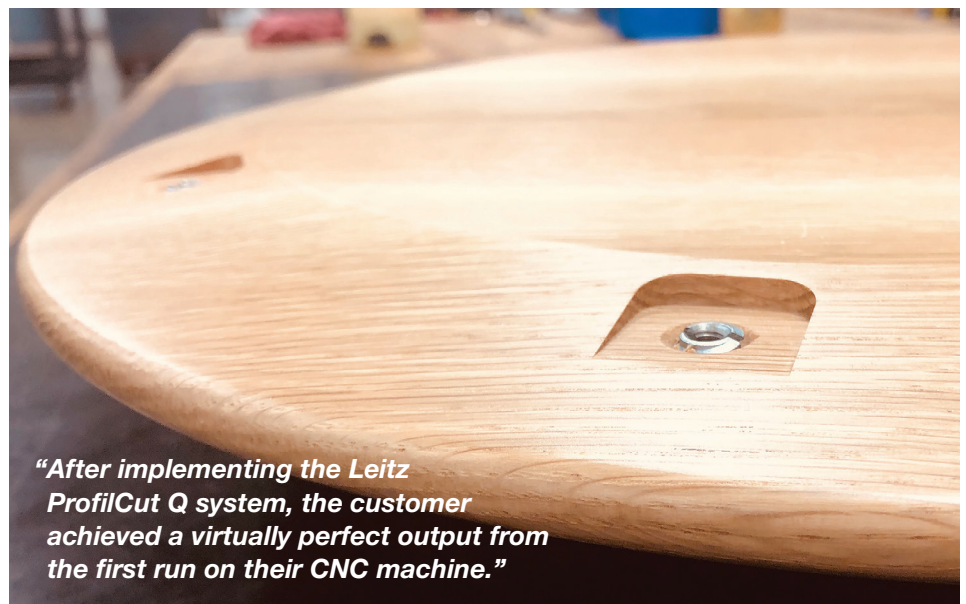
Optimize CNC Machinery and Ensure a Superior Finished Product with High-Quality Tooling



Speed, higher production rates, and accuracy are just a few of the benefits of CNC machining. Yet, despite the implementation of a new CNC machine, a specialized wood product manufacturer was experiencing inferior finish quality on their solid wood boards, including fuzzing in the cut and poor staining consistency.

The unsatisfactory cut quality forced the manufacturer to invest in additional labor, which added costs, produced extra scrap and slowed down the production process. The cut quality was unacceptable and overall, the manufacturer was extremely disappointed in the output.

The manufacturer and the Leitz representative discussed the issues the competitor's tooling solution created. After addressing the manufacturer's concerns and reviewing a sample workpiece from the customer, their Leitz representative identified undulations in the cut surface from inaccurate tooling and determined the customer needed a more concentric tool to maximize efficiency. The Leitz ProfilCut Q program was recommended to the customer.



"After implementing the Leitz ProfilCut Q system, the customer achieved a virtually perfect output from the first run on their CNC machine."

Optimize CNC Machinery and Ensure a Superior Finished Product with High-Quality Tooling (Continued)

ProfilCut Q is a technologically advanced insert system with precision shank rigidity and concentricity. The uniform clamping system utilizes profile knives and standard turnblade inserts to get the job done economically with the best finish quality. The unique clamping system places zero stress on the tool body, allowing for the use of aluminum alloy and round-bodied designs to reduce weight, noise and vibration while optimizing balance, dust flow and finish quality. Clamping elements are protected from dust and resin build-up for quick and easy knife changes — without setting gauges or other measuring equipment. Repeatability is guaranteed.

After implementing the Leitz ProfilCut Q system, the customer achieved a virtually perfect output

from the first run on their CNC machine. The customer was astonished by the cut quality the Leitz tooling solution provided and is beyond pleased with the results. The customer has now realized that sanding pieces coming off the CNC is unnecessary, and has since eliminated this very costly process step. This manufacturer is now able to move parts to the finishing line, directly from the CNC.

Leitz understands that two of the biggest areas for manufacturing companies to hemorrhage cash are inefficiency in labor and excess scrap. By taking an innovative and service-oriented approach to tooling solutions, Leitz helps organizations achieve operational efficiency without compromising the quality of the finished product.



Technical partnerships for continuous improvement

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