SYKATEC on the path to digital tool management

Technology takes on form: Efficient methods of production save SYKATEC time and money. An important prerequisite for this is the correct tool information.
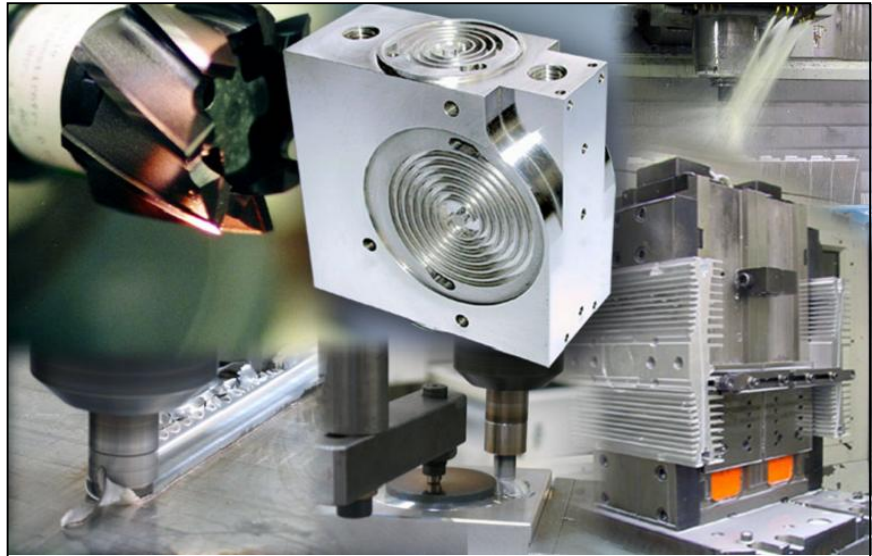

Frank Rosemeyer, technical IT manager

SYKATEC is an experienced supplier to the electrical industry that focuses on the production of mechanical parts.

As a supplier of mechanical components and cable forms for electrical propulsion technology, SYKATEC in Germany has specialized in railway drive housing components and for casings, conductor rails, heat sinks and wire harnesses to regulate speed on electro-engines. SYKATEC parts are precision parts manufactured and shipped with a high logistical performance. The processing steps are established together with customers and made on modern CNC machines within a short period. Over 470 highly qualified workers make sure that not only railway customers arrive fast and safe at their destinations.

More Simple and Efficient

When SYKATEC was inquiring for a solution to enhance their tool supply a new question emerged: how can the process also be improved between tool simulation and tool setup without losing time and flexibility? Frank Rosemeyer, head of IT, explained: "By connecting the shop floor tool data with our CAM systems we were able to manage the process more efficiently. The decision to integrate our 3D CAM system and be able to effectively use the new simulation features made the step to purchase *WinTool* a logical step. Win-

Tool was the most advanced solution on the market with highly automated 3D-data processing for tools. It has great value for us because of operational simplicity and efficiency."

Seamless Data Transfers

Mr. Rosemeyer installed the *WinTool* tool data manager and the *WinTool* CNC-Archive for document management and interfaced it directly to the CAM system. This enhanced the functionality for standardized documentation of NC operations including sophisticated tool instructions and lists using custom reports. Frank Rosemeyer emphasized an important aspect during the implementation: "One advantage of *WinTool* was the easy data import of pre-existing data and NC programs. After the data transfer, staff could continue to work seamlessly."

Optimized Procedure

The machining engineers underline the efficient optimization during NC program creation. "Our ideas have been implemented in the *WinTool* reports. Now all tool data fields are correlated within seconds. Very important to us is the time factor in general:

Thanks to *WinTool* our standard tools have a higher operational life and data errors are automatically eliminated because it all relates to a single source database now. We optimized tool usage time and reduced tool repairs since the tools are assembled according to the *WinTool* specifications.

Positive Experience

For two years SYKATEC has manufactured with *WinTool*. Frank Rosemeyer is satisfied: "Our tool management is simpler and transparent. That accelerates processes and reduces administration and tool costs. Meanwhile, all documents and NC programs are clearly stored as well as being at the latest version. All those concerned can find the information required without major effort. Therefore *WinTool* has a high acceptance with staff. Finally, the best solutions are also the simplest".

DATOS
Computer AG