

Smooth tooling at Cla-Val Co.

Cla-Val optimizes their workflow in the shop by introducing the integrative Tool Management *WinTool*. This results in vastly improved set-up time, reduced tool stock, and better NC-programs.

The Californian manufacturer CLA-VAL produces in four plants automatic control valves for use in fields such as waterworks distribution, fire protection, or industrial fluid handling. To produce a broad range of valve models in-



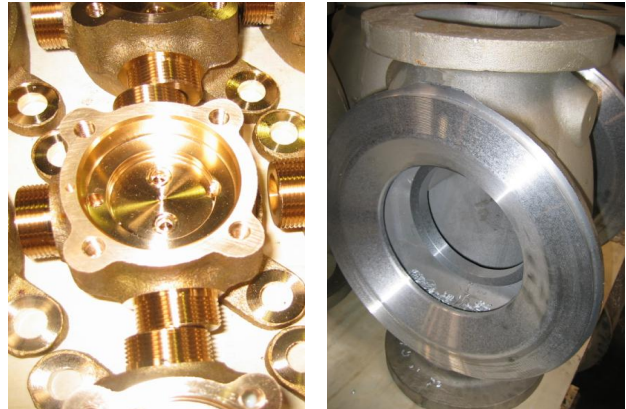
Marc Bissel - programmer at Cla-Val Perris

cluding customer specific adaptations, a flexible and highly efficient MFG organization is crucial to maintain competitive advantages in high-income countries today.

Better tool planning in NC-programming

On their quest to MFG excellence Cla-Val decided to introduce the leading Tool Management system *WinTool*. Marc Bissel the project manager resumes: "We were looking for 'one' solution that could handle 'all' tool information in programming, tool crib, pre-setting, and purchasing. We figured we can significantly reduce the variety of tools in the shop and improve the entire work flow from the drawing to the CNC-machine. *WinTool* covers tool docu-

mentation and crib management in a very comprehensive user-interface and offers true process integration. For example: In the tool library I find all information on technology and availability, assemble the tool graphically, import tool data with the CAM interface *WinTool*-



Cla-Val valves range from 1/10" to 100" *to-Esprit*, and generate detailed tool set-up sheets directly out of the new NC-program. "

Error-Free Tool Set-Up

Patrick Walton from tool pre-setting adds: "With *WinTool* I get detailed tool lists for each step in the process: pick lists, detailed assembly sheets with graphics, or magazine mounting sheets. This enables us to pre-set tools error-free and reduce machine standstill."



Patrick Walton tooling expert at Cla-Val

WinTool also offers barcodes to track down tool components and analyse their usage. Another nice feature is the cutting data archive. Now Pat can store on machine tested values with the tools and make them accessible to all programmers for future jobs.

Smart Solutions for Smart Shops.
DATOS Computer AG