Tool Data for ESPRIT CAM Made Really Easy

Concise Tool Information from Central Tool Database.

With *WinTool* Professional you establish a very powerful central Tool Library and access data integrated within the ESPRIT User Interface. For each NC-operation you pick the best suited tool available, import tool geometries, cutting conditions, and generate automatically a precise 3D model for simulation. Through total tool management clarification of cutting and collision lengths, profile radius, etc as well as logistics are presented within seconds. WinTool generates automatically a detailed tool list of a NC-program that can be printed on customized reports for tool crib, pre-setting, and purchasing including graphics and barcodes.

Features

ESPRIT CAM Interface

- Direct access to WinTool data and search tools by technical criteria
- Import tool-by-tool or entire tool lists of machine magazines or previous jobs
- Generate automatically 3 D-tool parts including exact holder shape for simulation
- Transfers cutting data from the *WinTool* technology database to the ESPRIT KnowledgeBase
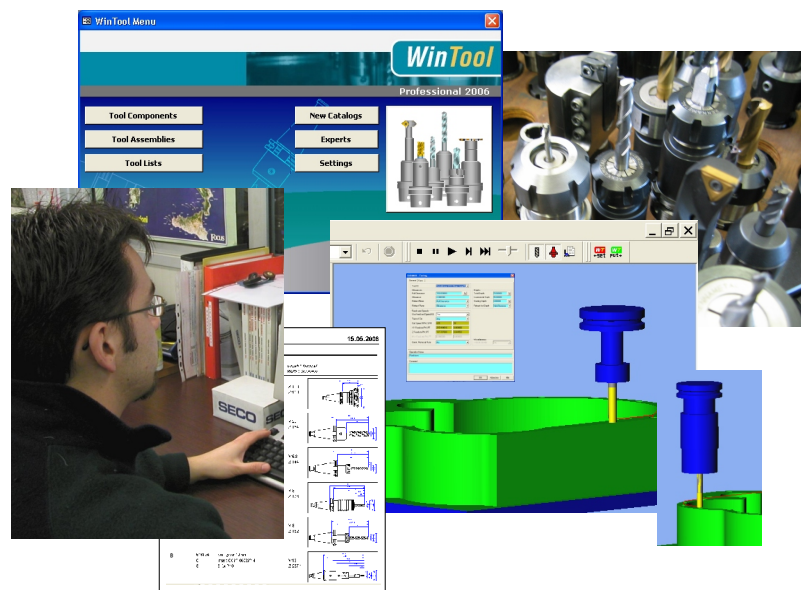- Generate tool list in *WinTool* directly out of ESPRIT

Options

- Interface to pre-setting gauges including tool tolerances and measurement instructions
- WinTool Logistics, full tool crib management solution
- Integration of other IT-systems

Requirements

- ESPRIT 2006 (or higher) and *WinTool Professional* license installed

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Work Process

- Select directly in ESPRIT CAM a *WinTool* tool assembly or tool list and import it
- Simultaneously access cutting data in *WinTool* library or calculate new data easily
- Write your NC-program in ESPRIT using the imported tool data geometry and 3D-models
- Additional tools can be added to your open project at any time
- Automatically store back to *WinTool* the tools used in your NC-program as a detailed tool list

Your Advantages

- All tool information is available centrally, one area to manage and update
- You only construct and program with tools that are actually available
- Tool assemblies and entire tool lists are automatically documented in detail (graphics, parts lists, tool numbers, instructions, etc) for transparent and error-free communication
- Know how and cutting data for multiple materials and usages are stored for each tool
- 3D tool collision check with realistic tool models
- WinTool enables an integrated and efficient process chain from construction to machining.
- Access to standad databases provided by leading tool manufacturers