

## NC File Management

The *WinTool* CNC Archive manages all technical documents that are needed in CNC production such as G-code, machine-optimized code, source code, drawings, machine setup instructions, tool lists, control charts, pictures ... you name it. The files are stored in a "NC folder" per operation. Multiple document versions are managed with the *WinTool* Revision Control module. The NC folder system allows standardizing shop floor documentation while keeping the production organization flexible and spontaneous. It is the missing link to ERP/PLM systems.

## Highlights

### Application

- Standardized and easy data preparation in NC folders for each operation.
- Unlimited number of document per NC folder.
- Configurable internal or external document editor per seat (e.g. NC Editor, CAM, Simulation, MS Office etc.).
- Release and revision control for NC folder or document types including password control (optional).
- Configurable user roles to control data access, editing, archiving, transfers.
- NC editor with specialized functions and file compare feature.

### DNC

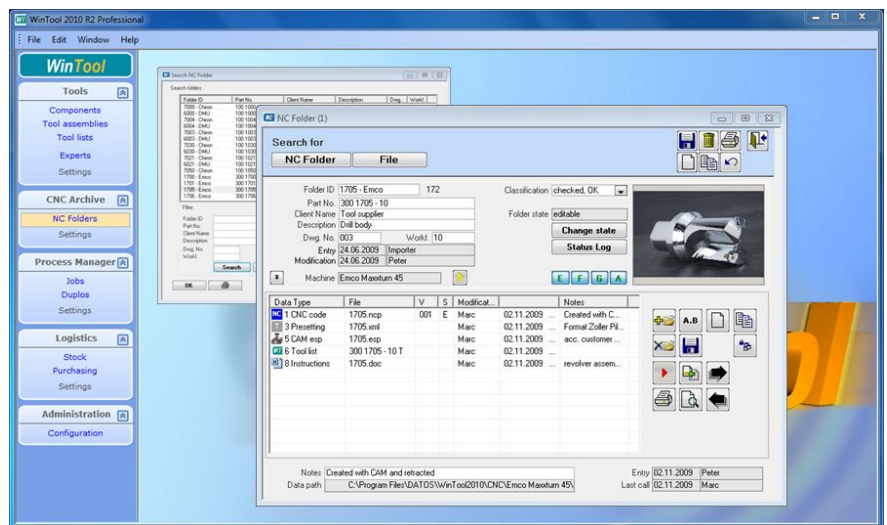
- Controlled DNC transfer by document release status.
- DNC via Ethernet or RS232

### Extensions

- ERP/PLM control interface
- *WinTool* Process Integration

### Requirements

- Windows XP, Vista, 7, X64, SQL Server (Express)



## Main Objectives

- Prepare with ease all documents for an operation in a NC folder.
- Automatically allow operators access to released documents via network.
- Find data quickly, understand the file history, and make changes transparent easily.
- Create production data exchange platform between data server, machines (DNC, pre setter), materials routing (ERP, *WinTool*), applications in production (CAM) and engineering (CAD/PLM).

## Your Benefits

- Transparent management of technical production documents in one database.
- Controlled data management by CNC machine and user role
- Clear document history
- Automated data allocation at point-of-use.
- DNC integration with release and version control.
- Ready-to-go solution and less expensive than PLM shop floor customizations.

## Being Used Successfully Every Day



*«As a machine manufacturer we often make customized parts and QA has highest priority. The WinTool CNC Archive significantly improved our efficiency in production planning. It was a milestone for our production.»*

Walter Wymann (IT manager), Ernst Grob Inc, Switzerland



*«All production files are automatically produced by our post processors and linked in a WinTool NC folder. All documents are automatically controlled and distributed to the machine operators with the CNC Archive. Document distribution, release control, backups, history ... it's all fully automatic.»*

Joachim Weides (engineering manager), Euro-Composites, Luxembourg



*«The CNC Archive is very complementary to our ERP system. The technical information of the operations is logically archived. It is all well documented and very easy to find again. This is very important for our customers in the automobile industry.»*

Lutz Gutzeit (production manager), Geiger Fertigungstechnologie, Germany



*"We coordinate our CNC production in site with the WinTool CNC Archive. That way we can submit from a central office to each worker exactly the data he needs to get to do his job ."*

Holger Sellmann (manager IT organization), Viessmann, Germany