



Cutting tool management process

High-end precision tools

More productivity

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Rationalise tool inventory

Turnaround time

NCSIMUL TOOL, based on know-how in the field of machining and mastering the digital process, is a business solution that comprehensively addresses the needs of all professionals involved in the **cutting tool management process**.

You operate at least 5 machining centres. You are looking for ways to respond even faster to demand, keep control of costs and improve the management of your cutting tools.

Challenges

- Looking to make savings on CNC machines
- Keep entering the same tool data into multiple programs
- Tools you seen don't match the tools in the workshop
- Constantly looking for missing tools when it's time to start production
- You are not making the most of the cutting knowhow in your company
- Your tool turnaround time is less than optimal machine

Benefits

- Rationalise tool inventory and turnaround time
- Integrate tools into the global production process
- 95% of tool uptime during preparation
- 50% time savings on tool preparation
- 30% less tools in inventory
- 15% less value wasted on unused inventory
- 0% dead or unsupported tools

Earn money by improving management

- Global management of the tool flow: elements, assemblies, test and inspection systems, 3D CAM models, inventory, stats, supplier data, documents and cutting parameters...
- Single repository for nominal and physical tools built into the global production process
- Analysis and rewrite function for the ISO program before loading on to the machine: renumber calls, write compensation and special codes for tool measurement on the machine
- Scheduling of tool preparation and automatic renewal based on inventory/production flows
- Control and/or interface with automated controllers, measurement bench, laser measurement, etc
- Interfaced with leading CAD/CAM software: CATIA, EDGE CAM, Esprit, NX, TopSolid CAM, etc