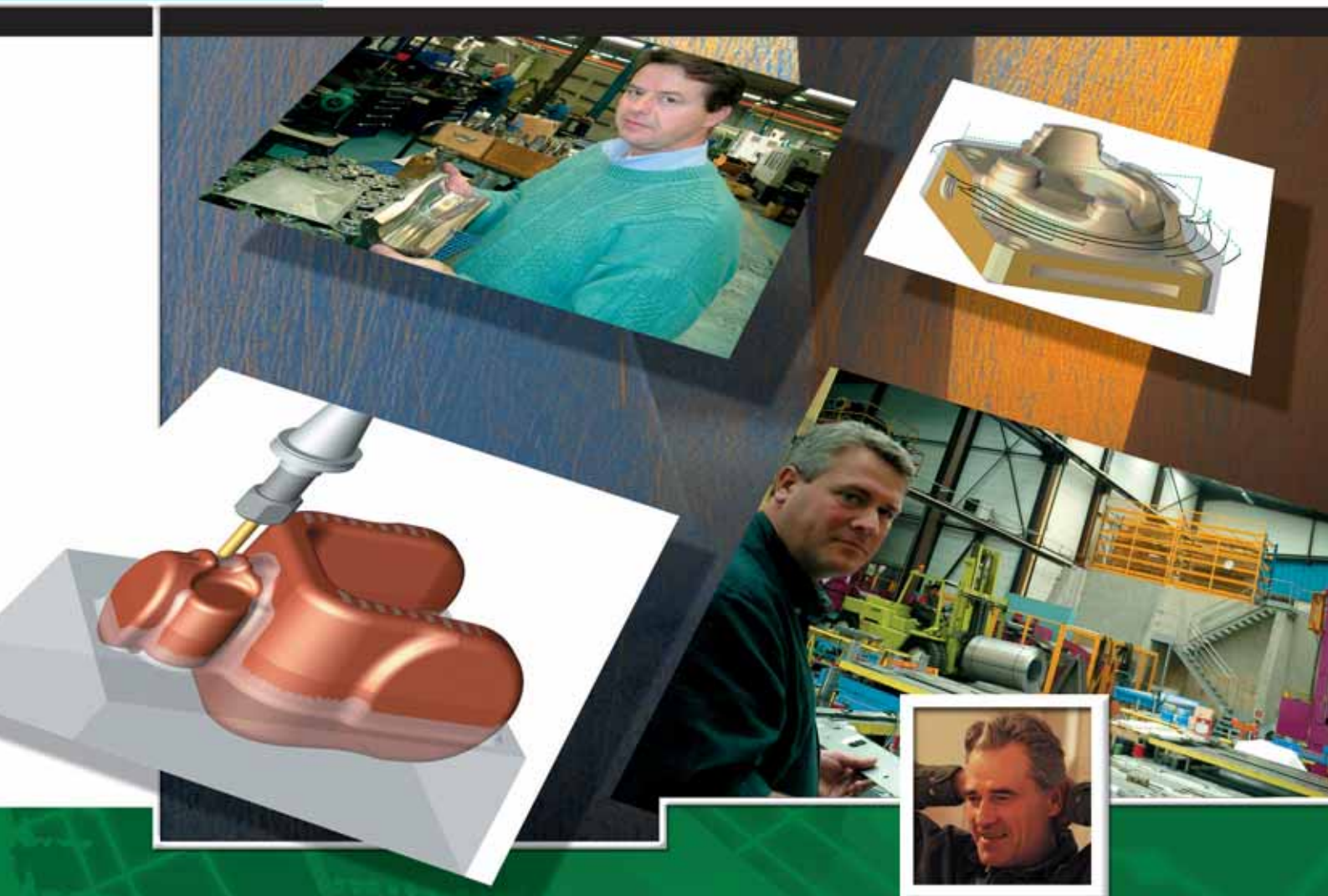


TopSolid'Cam



The **CAM** solution for excellent tool making

- Utilization of different technologies (from 2-axis-milling up to continuous 5-axis-machining)
- Quick retrieval of numerical data
- Realistic machine simulation
- Automatic recognition of planar surfaces, holes, etc.
- Utilization of high-speed machining for all tool paths
- Numerous strategies for automatic machining
- Part update after each operation
- Availability of the part for successive operations and collision detection
- Tool library management
- Generation of workshop sheets and manufacturing schedules

The Integrated CAD/CAM Solution

www.topsolid.com

 **Missler**
SOFTWARE



The integrated CAM solution for tool makers

The tooling departments of today need to optimize the machining of their products. This accounts for the processing of cavities with HSC techniques as well as for automatic machining operations for mold plates with the holes and pockets typical from mechanical design. TopSolid'Cam and TopSolid'Wire provide all the features that are necessary to fulfil these requirements. Both products combine the know-how and experience that Missler has gained in the demanding CAD/CAM market which covers all the facets of machining over the past 20 years.

Retrieving data

- IGES, DXF, Catia, STEP, SAT, Parasolid
- Automatic cleaning

Cleaning and modifications

- Integrated surface and volume modeler (TopSolid)
- Reworking curves, closing holes

3D machining

- Automatic roughing and re-roughing
- Automatic copy milling, horizontal and vertical and with constant scallop height
- Automatic reworking of residual material in 2D and 3D

HSC

- Optimized trajectories with loops
- Constant rate of stock removal
- Feedrate optimization

Mechanical machining with topology recognition

- Stepped holes with tolerances
- Open and closed pockets, grooves
- Optimized cycles and trajectories

EDM (TopSolid'Wire)

- Automatic drafts
- 4-axis synchronization

Realistic simulation

- Machine + fixture + tools
- Collision check
- Visualization of material removal

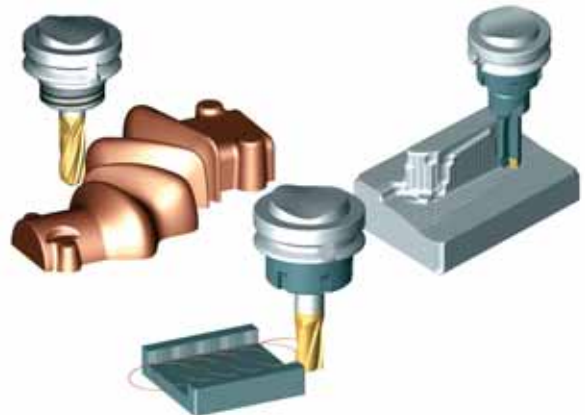
Workshop sheets

- Associative to machining progress
- Views, drawings, dimensions

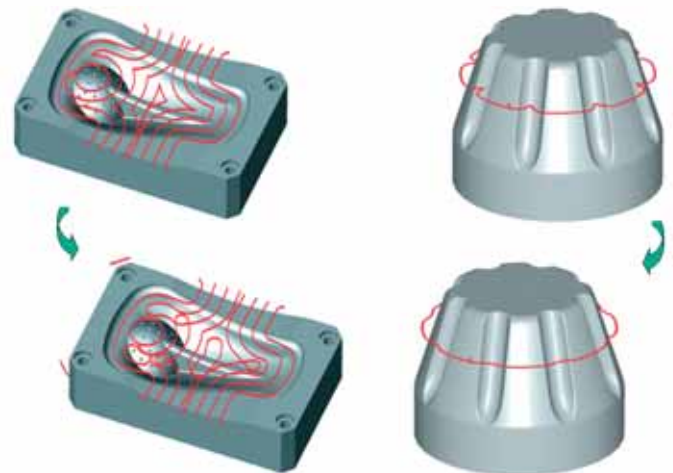
Post-processors and DNC

- Available for all CNC control systems
- Machine interfaces

Integrated CAD/CAM solutions TopSolid'Mold and TopSolid'Progress



Thanks to TopSolid'Cam you benefit from the most up to date trajectory calculation tools: trochoidal machining, plunge machining and constant scallop machining.



You can expect the same results for HSM (High Speed Machining) with precise optimization of the tool path.

About Missler Software

Missler Software is the second largest French supplier of CAD, CAM, ERP and PDM solutions. The company's product lines include TopSolid, TopManufacturing and GOelan. Missler Software originated from the merger of Missler Informatique, TopCad, Catalpa and CN Industries. As a result, Missler's product portfolio includes comprehensive modern software solutions for the mechanical engineering industry (general mechanical design, special machinery, tooling, boilerwork, ...) and for sheet metal and wood industries. Companies around the world are using TopSolid solutions - the export share of this product line amounts to more than 60%.

Missler Software

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