

TopSolid'Cam



The **CAM** solution for machining with precision

- Utilization of different technologies (from 2-axis-milling up to mill-turn centers)
- Quick retrieval of numerical data
- Automatic recognition of planar surfaces, holes, etc.
- Realistic machine simulation
- Design of fixtures and processing of the respective drawings
- 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
- Suitable post-processors adapted to each machine and company know-how

The Integrated CAD/CAM Solution

www.topsolid.com

 **Missler**
SOFTWARE

TopSolid'Cam



The complete CAM solution for general mechanical design and machining

Design and engineering departments are faced with increasingly complex machining operations: fittings and fixtures need to be viewed in three-dimensions, furthermore they have to be combined for milling and turning processes. Machine simulation, collision check, spindle synchronization, raw part updating and visualization of material removal are indispensable for tool path programming.

Retrieving data

- IGES, DXF, Catia, STEP, SAT, Parasolid
- Integrated surface and volume modeler

Machine library

- Support for basic machines, mill-turn centers and machines with two spindles and/or two turrets
- Integrated kinematics
- Integrated milling and turning

Fixtures

- 3D design, drawings, dimensions
- Thousands of components (flanges, screws, etc.) and fixtures

Topology recognition

- Stepped holes with tolerances
- Open and closed pockets, grooves

Tool library

- Tool holders, attachments
- Cutting conditions, standard and customized

Manufacturing schedules

- Tree display for machining operations with copy and paste functions
- Automatic sorting and optimization

Realistic simulation

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

Workshop sheets

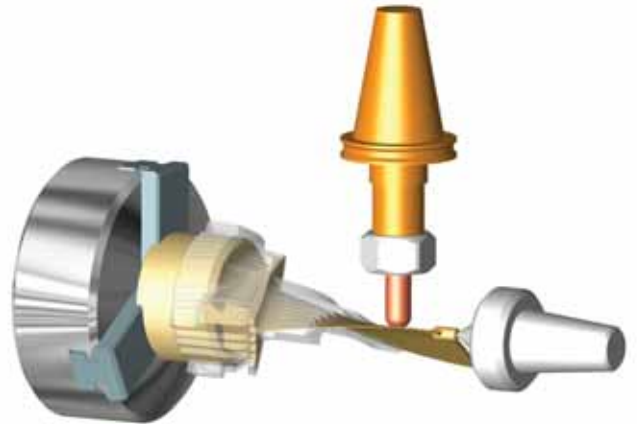
- Associative with machining
- Views, drawings, dimensions

Post-processors and DNC

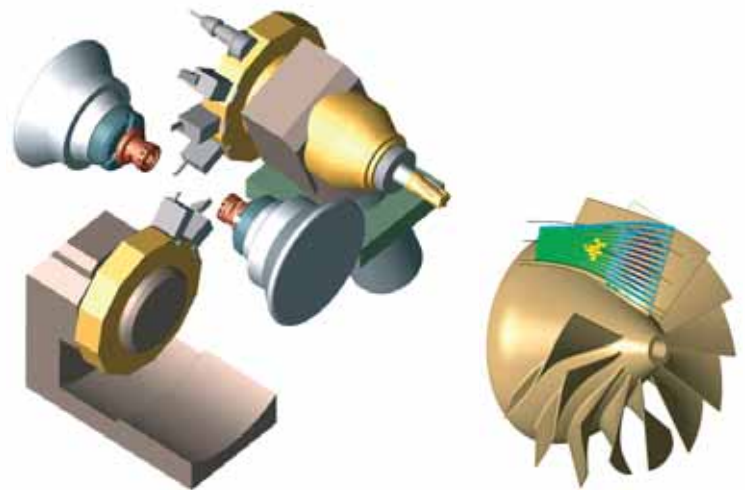
- All CNC control systems
- Machine interfaces

Integrated CAD/CAM solution

- TopSolid
- Control and inspection (TopSolid'Control)



Whether you are working with 2D milling, 5 axe machining, mill-turn centers, TopSolid'Cam proves itself capable of piloting the most complex machines on the market.



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

7, rue du Bois Sauvage - 91055 Evry, France
Tel: +33 (0)1 60 87 20 20 - Fax: +33 (0)1 60 87 20 18
E-mail: international@topsolid.com