

# TopSolid' Design



## **CAD** solution for all mechanical manufacturers

- Easy communication with customers
- Shorter lead times (calculation, kinematics, dynamics)
- Modeling of different part types
- Easy management of assemblies containing thousands of parts
- Industry-specific design functions: tool design, sheet metal processing, piping, wood and plastics processing, etc.
- Comprehensive management of technical data
- Transmission of data to the ERP solution

The Integrated CAD/CAM Solution

[www.topsolid.com](http://www.topsolid.com)

 **Missler**  
SOFTWARE

# TopSolid' Design

## Rich CAD/CAM functionality for all manufacturing companies

*Design and production: better, cost-efficient and in less time - this is the ultimate goal of every manufacturer and designer. Against this background, you should not miss the opportunity to get to know TopSolid, an integrated solution and the first associative CAD software for truly optimizing mechanical design processes in global manufacturing companies.*

### Data retrieval

- Interfaces : IGES, DXF, Catia, STEP, SAT
- Automatic and manual cleaning

### Product development

- Kinematics, dynamics
- Structural computation (CETIM's TopSolid'Castor)

### Parametric modeling

- Powerful functions for surface modeling
- Solid modeler Parasolid
- Optimization of shapes
- Industry specific mechanical features

### Components

- All standards (AFNOR, ANSI, DIN, ISO...)
- Associated machining operations
- Supplier components

### Large assemblies

- Top-down and bottom-up assemblies
- Several thousand parts
- Model simplification and part detail levels

### Drawings and parts lists (BOMs)

- Associative to 3D models
- Comprehensive labeling functions, tolerances, symbols
- Parts lists, customized cartridges

### Integrated project management

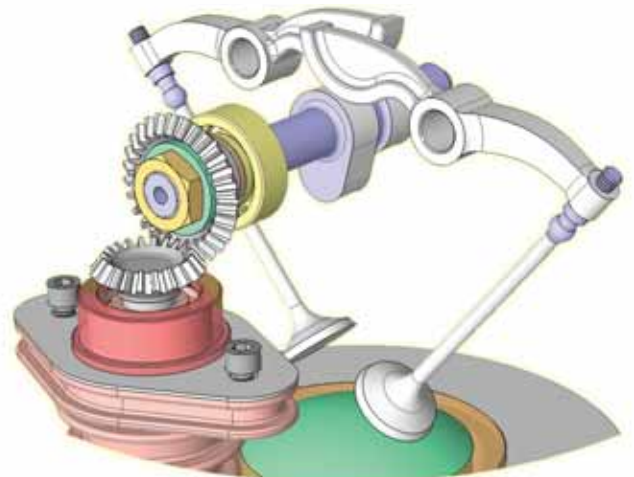
- "Where-used" list
- Technical database

### Output

- Exploded views, notes
- Animations, integrated VCR

### Integrated CAD/CAM solution

- Sheet metal processing (TopSolid'Punch, TopSolid'Cut)
- Wood processing (TopSolid'Wood)
- Machining (TopSolid'Mold, TopSolid'Cam, TopSolid'Wire)
- Control and inspection (TopSolid'Control)



Simulation of a distribution mechanism by shaft and conical torques (4 cycle single cylinder engine).



Design and realistic rendering of a prototype mountain bike.

### 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