

## : solid machinist

Surfcam Solid Machinist is a powerful and seamlessly integrated CAM system for generating milling and turning machining strategies and NC code from solid models.

### Automated Feature Recognition

Surfcam has the ability to import solid models without translation, thus maintaining the highest degree of design integrity. Surfcam Solid Machinist uses automatic feature recognition to interrogate the solid model and quickly identify machinable features. Surfcam then offers the user the most appropriate tooling and machining strategy to generate accurate toolpaths.

### Intelligent manufacturing on a solid foundation

The associative link between Surfcam Solid Machinist and the original model ensures that even late design changes won't affect lead times. Anyone interested in tighter integration between engineering and manufacturing should consider Surfcam Solid Machinist.

### Surfcam Strategy Manager

Used in conjunction with Surfcam Solid Machinist, Surfcam Strategy Manager provides fast and reliable machining of solid models, resulting in increased productivity.

The application streamlines programming by capturing the knowledge from previously machined parts and applying it to new components – eliminating programming errors and delivering an unprecedented level of consistency and automation.

### Surfcam Part Modeler

Surfcam Part Modeler is a 3D modeling tool specifically designed for rapid construction or editing of solid models. It offers a cost effective solid modeling solution, complete with fully associative drafting capabilities. It is a perfect complement to Surfcam Solid Machinist and the ideal choice for customers who are modelling components for production machining, or need to construct workholding systems such as chuck jaws or milling jigs and fixtures.

Solid Machinist has a wide range of innovative features which offer a fast and reliable route to manufacture.

### Key Features

Open files from all major CAD systems including:

Autodesk Inventor

SolidWorks

Solid Edge

Unigraphics NX

CATIA V5

Pro/ENGINEER

