

EDGECAM - Part Modeler

Rapid Modelling for Manufacturing

EDGECAM PART MODELER is a cost effective, 3D modeling tool specifically designed for quick and simple construction and/ or modification of solid models.

Features at a glance:

Edgcam Part Modeler will import and manipulate files from most CAD systems, including :

- ◆ SolidWorks
- ◆ Solid Edge
- ◆ Unigraphics NX
- ◆ STEP files
- ◆ Catia V5
- ◆ ACIS
- ◆ Creo Parametric
- ◆ Autodesk Inventor
- ◆ VISI
- ◆ IGES
- ◆ DXF
- ◆ Parasolid

PART MODELER comes complete with fully associative drafting capability. It's the perfect complement to Edgcam Solid Machinist – providing advanced modelling tools to create parts or workholding systems such as chuck jaws or fixtures. The major features of a machine tool can also be modelled, for accurate cutting simulation and collision detection within Edgcam.

With the ability to execute a series of logically grouped construction operations as a single keystroke, Edgcam Part Modeler enables rules to be applied simultaneously across multiple parts of an assembly with automatic part-to-part compatibility. Full

associativity is maintained across 2D and 3D drafting; isometric, plan and orthogonal views; standard and ordinate dimensioning; and geometric tolerancing.

Part Modeler's intuitive user interface can be quickly and easily tailored to individual requirements, with features such as dockable windows and customisable menus and toolbars ensuring a highly productive, smooth and seamless progression from design concept through to finished component model and detail drawing.

Tighter integration between engineering and manufacturing paves the way to increased productivity.

Solid Machinist

Advanced CAD/CAM Software Solutions For The Manufacturing Industry

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

Features at a glance:

Open files from all major CAD systems including :

- ◆ Autodesk Inventor
- ◆ SolidWorks
- ◆ Solid Edge
- ◆ Unigraphics NX
- ◆ CATIA V5
- ◆ Creo - formally Pro/ENGINEER

Automated Feature Recognition Within Edgecam, the integrity of your design is maintained because the solid model is imported without translation. Edgecam Solid Machinist uses automatic feature recognition to interrogate the solid model and quickly identify machinable features. Edgecam 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 Edgecam 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 Edgecam Solid Machinist.

Edgecam Strategy Manager Used in conjunction with Edgecam Solid Machinist, Edgecam 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.

Edgecam Part Modeler Edgecam 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 capability. It is also the perfect complement to Edgecam 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.