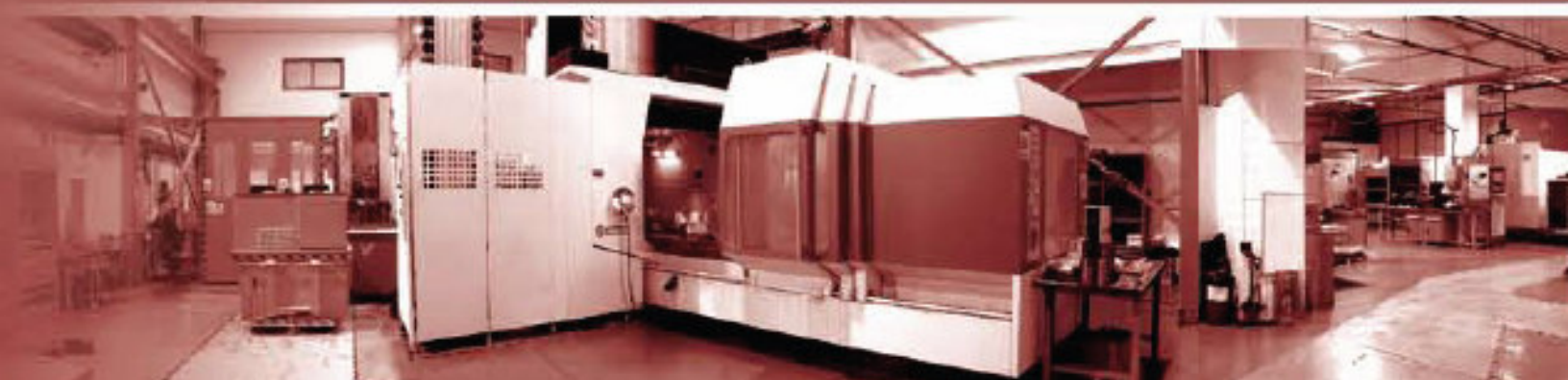
Delcam
FEATURE CAM

what can FeatureCAM do for you?

FeatureCAM is the only CAM system designed from the start to meet two very important needs. Firstly, to provide a truly easy to use CAM system that is so intuitive that novice or occasional users can quickly create reliable and consistent toolpaths, reducing training costs and increasing your return on investment. Secondly, to ensure that you can program all your machine tools within a single user interface designed to achieve shorter programming times.

FeatureCAM offers solutions for 2D and 3D milling, 5-axis simultaneous, high-speed milling, turning, live tooling, and wire EDM. Each product incorporates advanced feature-based and knowledge-based technologies. Unlike operations-based CAM systems, FeatureCAM generates toolpaths based on the features of the part and then automatically selects appropriate tools, determines roughing and finishing passes, and calculates feeds and speeds. The selections made can be based on the built-in machining knowledge that Delcam supplies 'out of the box' within FeatureCAM, or from experience captured from your company, project or individual user's preferences.



ease of use

Every CADCAM system claims to be easy to use, but FeatureCAM incorporates advanced technologies that truly make it unique. By programming parts based on features instead of operations, FeatureCAM streamlines machining and makes it easier to create and edit parts.

The knowledge-based technology in FeatureCAM gives you the power of automation, while still giving you control. All automation is produced using your preferences and specifications.

Operations-Based CAM

Import or draw part
Select a Rough operation
Select rough boundary
Select type of toolpath
Select roughing tool
Select feeds and speeds
Select stepover and Z steps
Select a Finish operation
Select finish boundary
Select type of toolpath
Select a finishing tool
Select stepover and Z steps
Select feeds and speeds
Click Simulation
Create NC code

Feature-Based CAM

Import or draw part
Identify features
Simulate operations

FINISHED!

FeatureCAM automatically

- Determines all rough and finish operations for the entire part
- Selects the appropriate number of tools and tool sizes
- Calculates feeds and speeds
- Selects stepover and Z increments
- Generates leads and links
- Generates toolpaths
- Creates NC code

'I really believe that no experience is necessary. The software is so intuitive that anyone with an engineering background can sit down with FeatureCAM for the first time and be creating code straight away. It is very fast and very easy to design and program parts in FeatureCAM. Creating features is just point and click, then the NC programming is done automatically. Within a few hours after opening FeatureCAM, I was able to create our first after-market bicycle suspension fork brace.'

Ted Tanouye,
Chumba Wumba