



**Programming System  
DCAMCUT for SolidWorks**

**DCAMCUT BASIC+**

Is an object orientated CAD / CAM System for Wire EDM programming beginning from 2-Axis up to 4-Axis machining via upper and lower instance.

A graphics based and easy to learn user interface is guiding through the complete programming process.

Additional Options available on request

**We recommend to close a software maintenance and subscription contract**

**DCAMCUT System Requirements**

- Up to date Intel or AMD processor with SSE2-Support. 64-Bit-OS recommended
- Microsoft Windows 7 Professional (64 Bit)
- 8 GB Memory (RAM)
- 2 GB Disk Space
- OpenGL video card (e.g. ATI FirePro V4900 with 1 GB or NVidia Quadro 2000, 1 GB)
- Microsoft Internet Explorer 8 or 9
- DVD-Drive or Broadband Internet Connection

## **DCAM-Machining Module for 2-Axis + Standard Conic + 4-Axis machining via 2-Level Contours**

### **2D-Contour**

- ✓ 2D contour definition based on single lines & arcs, sketches as well as on edges of solids & surfaces

### **2-Level Contour**

- ✓ Ruled surface machining through existing upper and lower instance (sketches)

### **Parametric Processing**

- ✓ Associativity for existing EDM-Jobs to model changes

### **Templates**

- ✓ Definition of re-usable contour-, job- & program templates

### **Standard Simulation**

- ✓ Standard simulation incl. offset surface calculation & visualization

### **Serial Options**

- ✓ Global corner rounding
- ✓ 2-Axis Pocketing
- ✓ Automatic repair mechanisms for CAD geometries
- ✓ Automatically controlled synchronization for 2-Level-Contours
- ✓ Contour transformation incl. EDM-Job
- ✓ Different Lead-On & Lead-Off strategies available
- ✓ Easy to use multiple tag / web definition
- ✓ Integrated finishing module with user definable skim cuts
- ✓ Free positioning between contours (incl. mile stones) with feeded or threaded wire
- ✓ Punctual manipulation for single contour elements (offset change, conic change, machine specific commands)
- ✓ Automatic adaption of starting points through pre defined CAD-Elements (points, circles, tubes etc. and whole sketches) as well as through user definable start point templates