

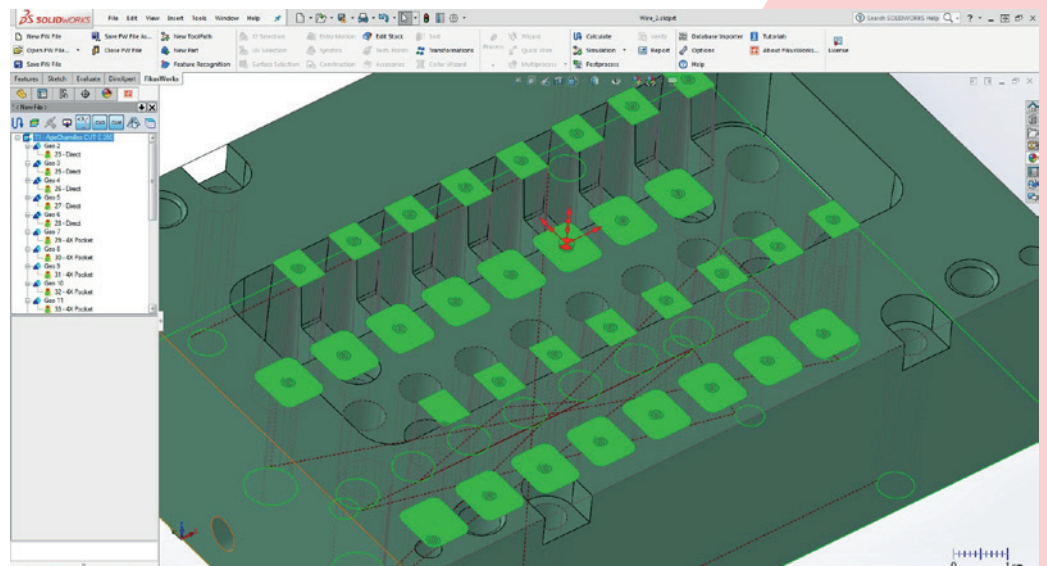
THE WIRE CAM SOLUTION  
INTEGRATED IN SOLIDWORKS

# The most advanced wire CAD/CAM in the industry

wire EDM

FikusWorks offers all the features of Fikus CAM solution for wire EDM fully integrated into SolidWorks. With FikusWorks you can do all the CAD work in the renowned SolidWorks software and immediately start the CAM process in the intuitive and efficient leading wire EDM CAM.

*Maximum quality and speed of machining on each machine, thanks to the Technological Assistants, available for any machine on the market, which adapt the machining program of each piece to the characteristics of each machine.*



## Outstanding features of wire EDM with FikusWorks



Reduces production time and hours of work dramatically



First commercial solution for 4X destruction processes



Maximum quality and machining speed in any machine



Machining manager for an easy and error-free programming

The shorter calculation time in the CAD/CAM market

4,38%  
74,1%

Automatic Feature Recognition



Greater control of the order of machining



Enhance workpiece quality and reduce machining errors



Metalcam is highly specialized in this sophisticated and precise technology. Thanks to our collaboration with the most important machine manufacturers. **fikusWorks** is now leading the innovation in CAM solutions for electrical discharge wire erosion.

**Optimal cutting strategies for each machine and type of work** thanks to the technological assistants and also, unique and specifically developed postprocessors for each machine.

**Developed for excellent accuracy and efficiency.** Our engineers have developed **fikusWorks** with the objective of reducing all the steps that users take to make a program. **The CAM manager** will help you to achieve an ultra-precise and high-speed machining.

**Versatile definition of the piece.** From a contour we can generate a 2-axis part with a constant taper or with multiple taper angles. With **advanced construction**, or from 2 contours or surfaces, we can generate a 4-axis part.

**Automatic Feature Recognition.** Speeds up work by automatically detecting all the areas to be cut with wire on any piece with just a couple of mouse clicks.

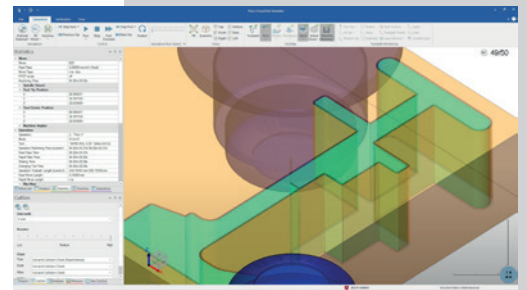
**Cutting strategies and templates to achieve the best machining.** Storing cutting strategies as templates that you already used, allows you to save time and avoid mistakes.

A new **assistant for collar dies** helps with geometry creation, with the needed cuts for the dies, with corner definition and all in accordance with the technology of the machine and the characteristics of each job.

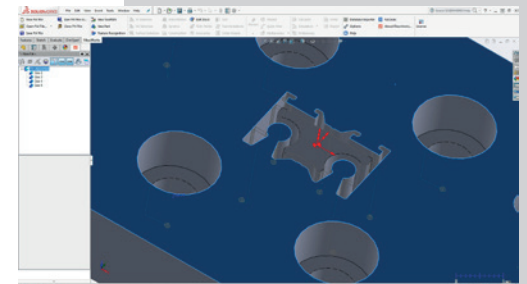
A most **realistic program simulator** will show the piece, the material and the wire as solids and will render how the wire moves through the calculated path. Also, it will reveal the coordinates and the taper angle as it simulates.

**Technological points** to set a location for a special stop to hold the piece. This can be done graphically or by measurements. They also allow the interactive change of cutting conditions on a contour.

**Ficed, the CNC editor**, allows you to verify the program from your PC and send it afterwards directly to the machine.



Cutting simulation



Automatic Feature Recognition

#### System requirements

- Processor: 3,3Ghz or bigger
- RAM Memory: 2GB or bigger
- Certified Graphic Card and controllers
- Operating System: Microsoft Windows 7 or 10 (64 bits)
- Hard Disk:
  - SSD Technology recommended
  - 10 GB free or more (visualization)
  - 50GB or more (Data Base)
- SolidWorks 2018 o superior

#### Data Interface

Data interfaces included in SolidWorks.

#### Available languages

Catalan, Chinese, English, French, German, Italian, Polish, Portuguese, Russian, Spanish and Turkish.

#### Other Products

- **fikusSt.** Available for 2X or 4X.
- **fikusPlus.** Integrate all the **fikus** wire CAM power with a powerful solid CAD.
- **fiCam.easy.** **fikus** version integrated in AgieCharmilles CUTx0P/CUTx00mS/Sp machines
- **fiCam.drill.** Special solution for wire EDM drilling machines.

### A single program to work with all your machines



website: [www.metalcam.com](http://www.metalcam.com)

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