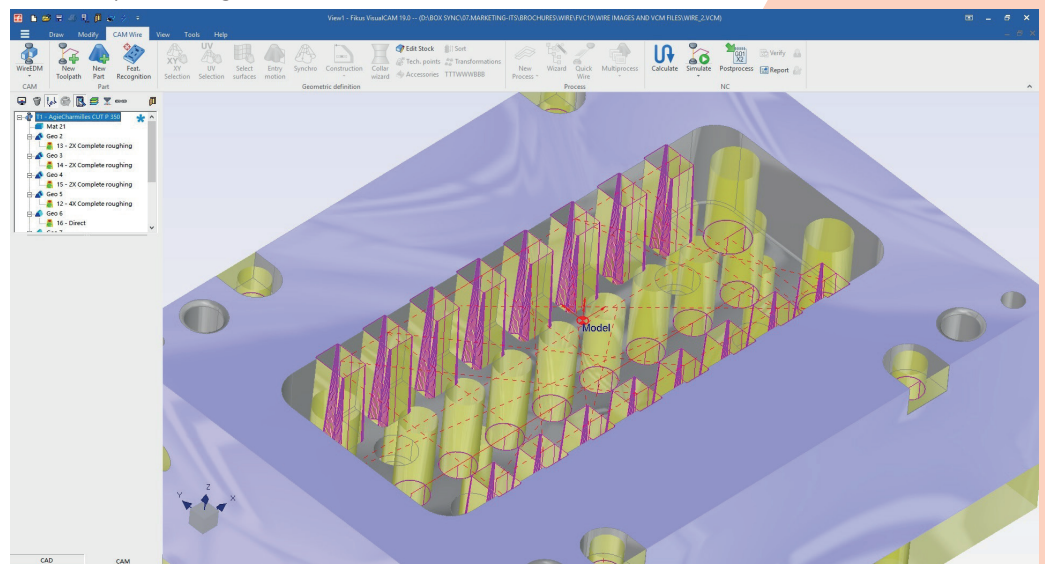


# The most advanced CAD/CAM in the industry

wire EDM

Designed specifically to produce 2 and 4 axis machine programs with ease, using a wide set of innovative software functions. Cutting technologies of the machines from manufacturers such as Accutex, ActSpark, AgieCharmilles (+GF+), ARD, Chmer, Fanuc, Hitachi, Joemars, Makino, Mitsubishi, Ona, Sodick (among many others) are included.

Wire EDM path manager



*Maximum quality and  
machining speed  
for any machine  
thanks to the  
Technological  
assistants, available  
for any machine  
on the market.  
Also included  
are the specific features  
and capabilities  
of each machine.*

## FikusSt for Wire EDM machining Highlights



**Drastically reduce production time and working hours**



**A CAD designed for the workshop to simplify geometric definition of the workpiece**



**Maximum quality and machining speed in any machine**



**Machining manager for an easy and error-free programming**

**The most advanced calculation algorithms in the CAD/CAM market**



**Automatic Feature Recognition**



**Greater control of the order of machining**



**Enhance workpiece quality and reduce machining errors**



**fikus visualcam** is highly specialized in this sophisticated and precise technology. Thanks to our collaboration with the most important machine manufacturers. **fikus visualcam** 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 **fikusSt** 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. Start selecting from one or two contours (with the synchronization function) or directly by selecting surfaces and leave it as a 2-axis piece with constant taper; Also, with multiple taper angles (Advanced2X) or, generate a 4-axis part using the **Advanced Construction** function.

**Automatic Feature Recognition.** Simplify your workload by detecting automatically all kinds of features that should be cut in one setting with just a few mouse clicks.

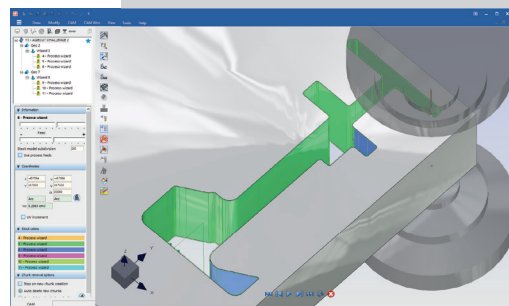
Cutting strategies and templates to achieve the best machining. Storing cutting strategies as templates that you already used, allows you to save time and avoid mistakes.

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.

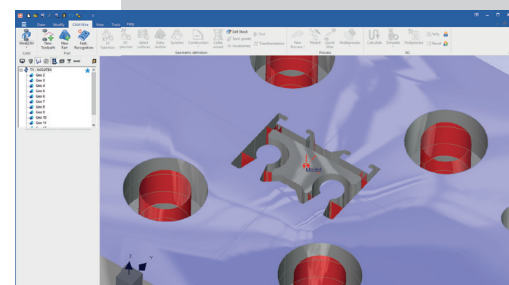
A most **realistic program simulator** will show the piece, the material and the wire as solids and will render how the wire moves through the calculated path. Also, it will reveal the coordinates and the taper angle as it simulates.

**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

### Technology Wizards

**fikus** supports technologic tables for the following machine brands:

- Accutex
- ActSpark
- Agie
- AgieCharmilles
- ARD
- Charmilles
- Chmer
- Fanuc
- Hitachi
- Joemars
- Makino
- Mitsubishi
- Ona
- Sodick

### Data Interfaces

**fikus** can read data from other CAD systems in the following formats:

- IGES
- Solidworks
- DWG
- Parasolid
- DXF
- Cimatron
- STEP
- ISO formats
- HPGL
- Bitmap files

### Modules and Versions

- **fikusSt.** Available for 2X or 4X.
- **fikusPlus.** The fastest CAD/CAM solution to manage 3D jobs from editing to machining.
- **fikusWorks.** The **fikus** CAM solution for wire EDM completely integrated in SolidsWorks.
- **ACcam.easy.** is a **fikus** version integrated onboard AgieCharmilles CUTx0P/CUTx00mS/Sp.
- **ACcam.drill.** is a solution developed for hole drilling EDM machines.

## Technological Databases



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

### SPAIN

**Metalcam S.L.**  
C/ Berruguete, 90  
Barcelona  
Tel: +34 932 74 90 40  
e-mail: [info@metalcam.com](mailto:info@metalcam.com)

### MEXICO

Tel: +52 442 290 3744  
e-mail: [mexico@metalcam.com](mailto:mexico@metalcam.com)

### CHINA

Tel: +86 10 848 652 23  
e-mail: [china@metalcam.com](mailto:china@metalcam.com)

### INDIA

Tel: +91 961 168 69 44  
e-mail: [india@metalcam.com](mailto:india@metalcam.com)

### USA

Tel: +1 847 526 21 78  
e-mail: [usa@metalcam.com](mailto:usa@metalcam.com)

### GERMANY

Tel: +32 477 507 961  
e-mail: [germany@metalcam.com](mailto:germany@metalcam.com)