

ACcam•easy

for **+GF+** GF Machining Solutions
wirecut EDM machines

ACcam•easy for +GF+ AgieCharmilles Wirecut EDM machines offers a flexible and complete solution for today's WireEDM programmer. The solution is specifically designed to produce 2 and 4 axis wirepaths easily and quickly, using a wide range of innovative software tools. The GFMS CUT xOP series, x00mS/Sp series, x00/200C/200P (Millennium) and Exx0 series, x000 (Vision), and CUT-P and CUT-C machine technologies are implemented with optimized technological tables.

Key Features

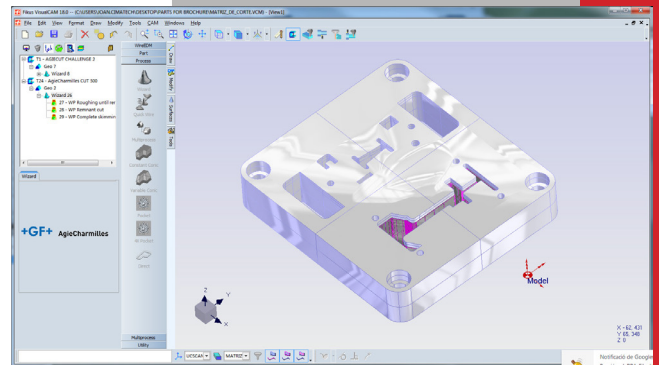
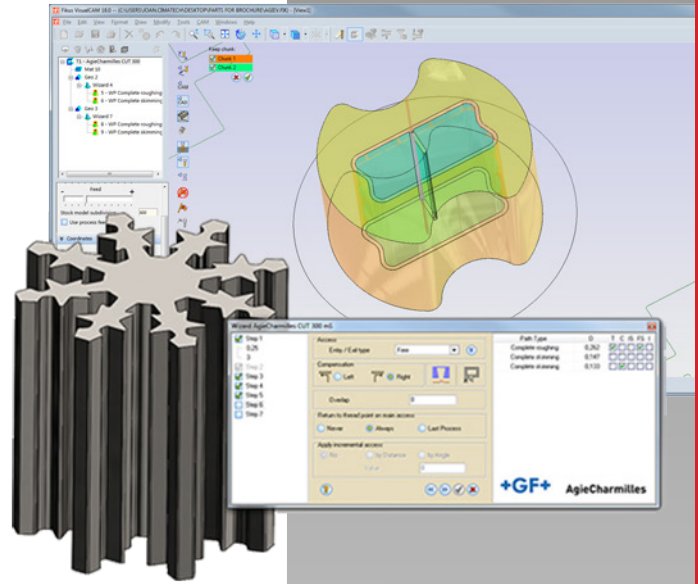
- Reduce time-to-market and work hours drastically.
- Shorten geometry construction and part definition efforts.
- Program your AC Wirecut EDM machine using the machine specific Wizard and technological databases.
- Complete your job easily and safely and let ACcam•easy WireEDM's Manager guide you through the whole and logical EDM process.
- Take advantage of the most advanced wirepath calculation algorithms for 2X and 4X cuts.
- ACcam•easy offers the first commercial solution for 4X no-core-cuts.
- Automatic Feature Recognition for higher automation level.
- Visualization of stock simulation increases control over tool paths.

Easy to use. The CAM manager leads the user through the logical sequential process of the wireEDM programming, from defining the geometry and creating the part to cut, to the process definition and calculation.

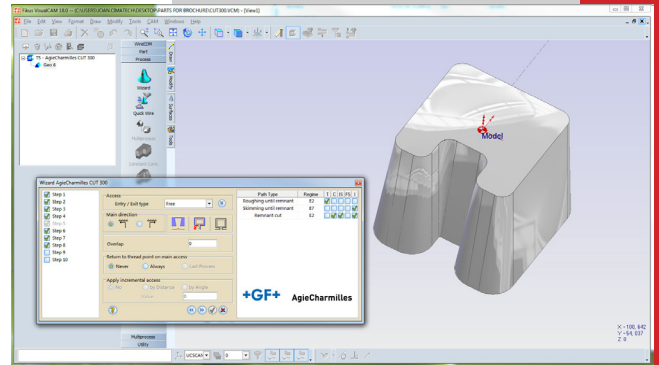
Create and modify your geometry. Whether you work with your own drawings or from imported CAD systems, ACcam•easy offers powerful functions that will ease your workload:

- Generate and modify any wireframe geometry.
- Extract contours and work with surfaces.
- Create gears, rack gears, texts and dimensions.
- Use the 'fastedit' functions to quickly move, copy, scale and modify the geometry.

Use of Wizards. Use the dedicated Wizard, available for any machine, to generate your programs. Just select your base geometry and click on the Wizard icon then set your machine's parameters and the targeted quality; the wizard will complete the rest in just a few seconds.

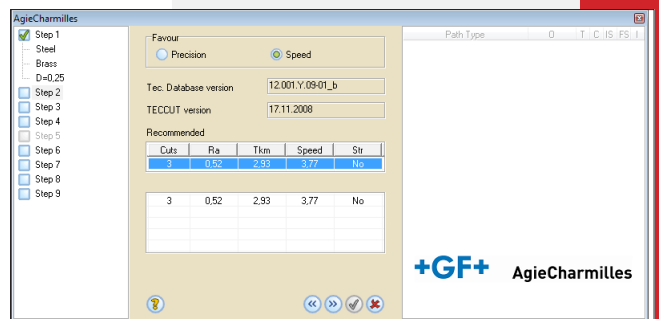


Wirepath manager and simulation of the part



Technology selection for CUT300

Technology Wizard for CUT30P



ACcam•easy incorporates databases for all wireEDM common machines and you can rely on it to generate the machine optimal cutting strategy for your specific machine and work. The Collar Wizard helps you to generate all the cuts for collar dies according to the machine technology and your requirements.

Build your part. **ACcam•easy Automatic Feature Recognition** lets you select all the features to cut automatically. Or you can also select one or two contours, either 2D or 3D, or even surfaces. If you select two contours, use the **ACcam•easy** synchro tool to easily and interactively synchronize them. Select one contour and apply a constant draft angle, a multiple constant draft angle or variable draft angles.

ACcam•easy offers other powerful tools like technological points, possibility to modify corners and generate partial clearance, templates, simulation, verification, reports and many more to make your work faster, safer and easier.

ACcam•easy is a special version of Metalcam's **fikus visualcam** developed together with **+GF+ Machining Solutions** to be integrated on the Wirecut EDM machines listed below.

New Options for CUT Ex00 - CUT Px00 - x000 Vision

AB (Alignment Basic)	AR (Alignment Renishaw)
ASM (Automatic Slug Management)	A3D (Alignment 3D Setup Map)
ASW (Automatic Slug Welding)	TBI (Turn then Burn)
	Spinning (Spin and Burn)

Model Matrix

	Basic	Adv.	Prof.
CUTx0P and CUTx00mS/Sp	•	o	o
CUTx00/CUT200P (Millennium)	o	o	o
CUT x000 (Vision)	-	•	o
CUT Ex00/Px00	•	o	o
CUT Cx00	o	o	o

Feature Matrix

	Basic	Adv.	Prof.
Technology Wizard for creation of cuts and technology directly on the CAM and link with AgieCharmilles TECCUT	•	•	•
Basic data translators	•	•	•
Basic 2D CAD functionality	•	•	•
2X WireEDM cutting technology	•	•	•
Technology and postprocessor with support of MULTITEC	•	•	•
Can run on a PC, outside the machine	-	o	•
2X Pocketing	-	•	•
Advanced CAD functionality: gear, text, geometry dimensioning, fix geometry, list circles, ...	-	•	•
Surface creation and handling	-	•	•
Advanced data translators: IGES, STEP, SolidWorks and PARASOLID	-	•	•
Advanced 2X WireEDM technology: technological points, order by phases, multiprocesses, transformations, sort, report	-	•	•
Stock Simulation	-	o	•
Automatic Feature Recognition	-	-	•
4X WireEDM cutting technology	-	-	•
2X with multiple constant draft angles (2XA)	-	-	•
XY and UV synchronization functions	-	-	•
Taper construction (variable draft angles)	-	-	•
4X pocketing	-	-	•
Ruled surface selection to define the part	-	-	•
Modify corners and generate a partial clearance directly on CAM contours	-	-	•

• included / o optional / - not available

Machines supported

ACcam•easy may be extended as an option to support technology for the following AgieCharmilles machines:

- CUT x0P Series
- CUT x00mS/Sp Series
- CUT x00/CUT 200C/CUT 200P Series
- CUT x000(Vision)
- CUT Exx0 Series
- CUT P series
- CUT C series

Data Interfaces

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

Minimum system requirements

- PC Computer with processor Intel Core 2 Duo 2GHz or higher (i7 recommended)
- RAM Memory: 2GB or bigger
- Graphic Card with OpenGL (NVIDIA recommended)
- Operating System: Microsoft Windows XP, Vista, 7 or 8 (32 and 64 bit)
- CD/DVD unit
- Hard Disk: 1GB free
- 3 buttons mouse

Languages supported

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

Modules and Versions

fikus visualcam for WireEDM comes in two different configurations: 2X or 4X.

ACcam•easy is a **fikus** version integrated onboard AgieCharmilles CUT x0P, CUT x00 mS /Sp and CUT Exx0 machines.

ACcam•drill is a solution developed for the hole drilling EDM machines.

fikusworks is an integrated into SolidWorks CAM solution for wire EDM machines.

fikusplus is a CAM solution for wire EDM with an agile 3D CAD integrated.

Metalcam S.L. (Spain)

Barcelona: C/ Berruguete, 90 T: 932 74 90 40 - Burgos: C/ Caja de Ahorros Municipal, 1, 4º E T: 947 26 35 72

Metalcam Technologies Pvt. Ltd. (India)

1st Floor, No.01, 80 Feet Road, Opp. George Thangaiyah Complex, Indira Nagar, Bangalore, Karnataka 560038
India T: +91 80 4095 5866

Metalcam China (China)

Beijing: 6, Xinyuannan Rd. Chaoyan Dist. T: +86 10 84865223



www.metalcam.com

e-mail: info@metalcam.com