

Technological Evolution for Superior Performance

Fikus ST 25 represents a significant advancement in design and machining software, with substantial improvements in performance, efficiency, and usability. This new version offers unprecedented speed and stability; every aspect has been carefully designed to optimize workflow.

The incorporation of innovative technologies like Twin-wire in Wire EDM and trochoidal roughing for milling demonstrates a commitment to precision and reduced machining times. Fikus ST 25 isn't just an update but a complete transformation that optimizes every stage of your projects, solidifying it as the ideal choice for professionals seeking excellence and efficiency in their work.

New Technology to Maximize Your Productivity

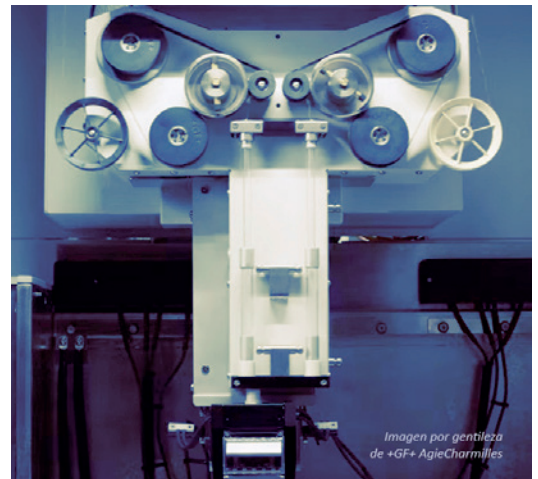
The optimized 64-bit application eliminates RAM memory limitations, improving overall performance, speed, and stability. Stock simulations are faster and smoother, drawing more frames per second, which makes the tool's movement appear smoother. Calculations in certain processes are up to 60% faster.

New Selection Assistant

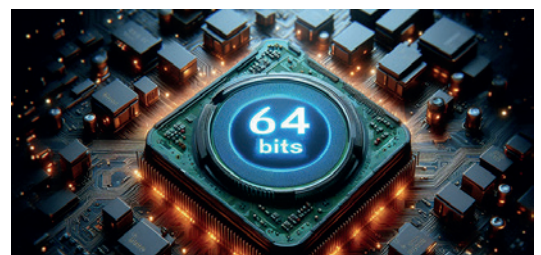
Selecting elements is easier thanks to the following improvements:

A **new selection assistant for wireframe geometries** simplifies filtering by line type, geometry type, and color. This enhances precision and efficiency by allowing faster identification of relevant elements. This new selection assistant allows immediate filtering of holes and contours to be machined.

A **new selection assistant for 3D surfaces** allows you to select surfaces more easily and accurately by offering the option to filter them based on their orientation in the 3D model.



The incorporation of twin-wire technology increases precision and reduces machining time (image courtesy of AgieCharmilles)



The 64-bit processor eliminates RAM memory limitations, improving performance.



New selection assistant for wireframe geometries that simplifies filtering by line type, geometry type, and color.

Enhanced Feature Recognition

Feature Recognition has been refined to work with parts that combine both open and closed contours in Wire EDM technology. Additionally, the algorithm for calculating the Automatic Entry movement has been improved, making it possible to get results on parts where the entry point couldn't be calculated before.

Meanwhile, in Milling, it's now possible to recognize and program prismatic geometries with a single click. The system can choose the appropriate tool and create processes like roughing, finishing, drilling, and slotting.

Improvements in EDM Wizards

The workflow in Wire EDM has been streamlined on numerous machines thanks to the automation of the Template Assistant, which now generates and loads templates completely automatically. You only need to click on the "Template Assistant" icon and easily filter the templates based on parameters like database, diameter, material, number of cuts, etc.

Starting with this version, Fikus ST automatically generates templates based on your usual jobs, with no effort on your part. The system can generate up to 50 different templates.

Fikus ST 25 now supports UNIQUA's Twin-wire technology on the AgieCharmilles Cut X machine, which uses two wires to improve speed, precision, and efficiency. It allows for cutting thicker materials, handling complex shapes with greater stability, and reducing machining time.

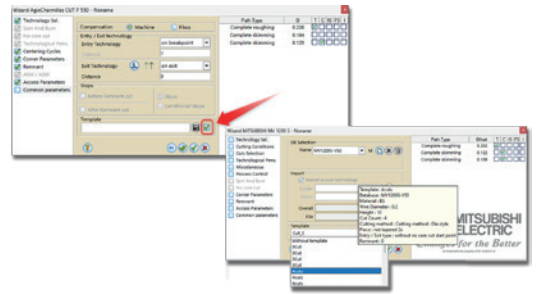
New Trochoidal Roughing

A new, more efficient trochoidal roughing strategy allows for removing more material in less time.

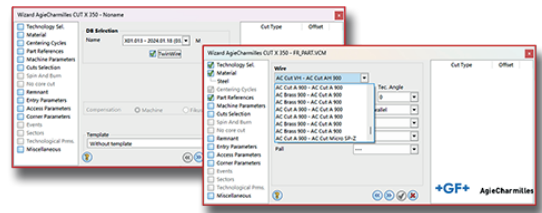
A new parameter for feed control allows you to adjust the cutting speed and optimize tool performance, which helps reduce machining time and increase the tool's lifespan.

The system allows you to set a fast feed rate for trochoidal links and decide whether you want to machine at a constant speed or allow the system to modify it based on tool contact.

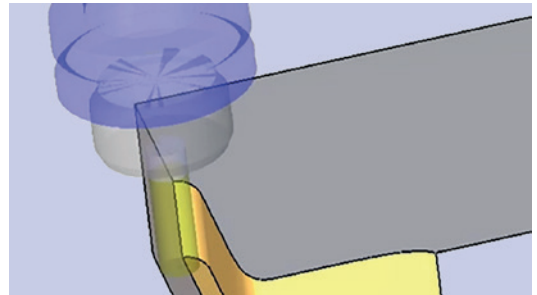
Fikus ST 25 is the definitive solution for precise and efficient programming, guaranteeing maximum quality results.



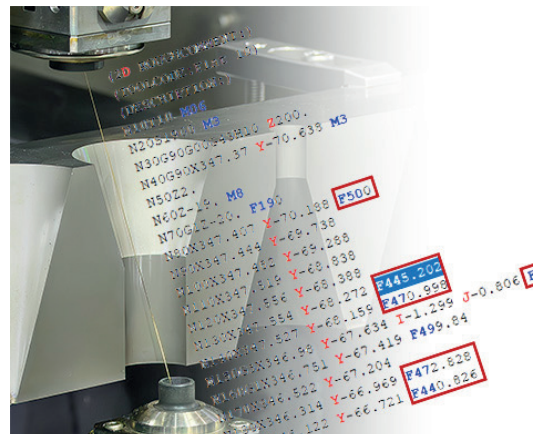
New assistant for the automatic generation and loading of templates based on the type of job.



Fikus ST 25 allows for easy management of twin-wire technology with efficient technological assistants.



The new trochoidal roughing strategy removes more material in less time.



A new parameter for feed control that reduces machining time