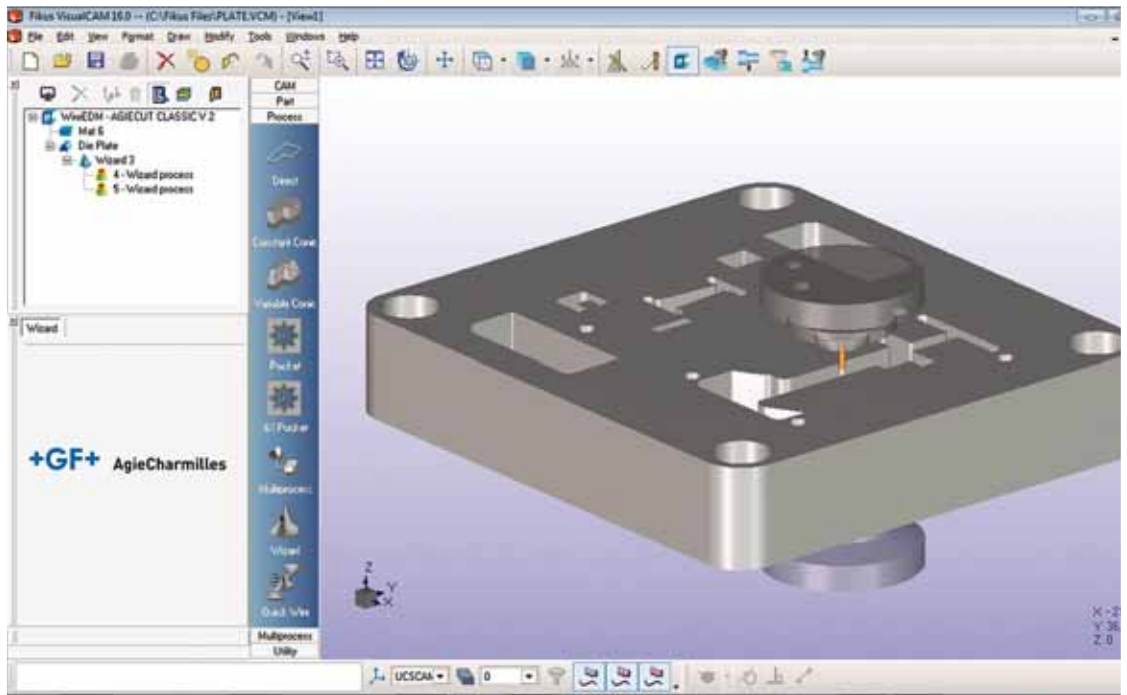


Enhanced Version of CAD/CAM Module for Wire EDM Includes Features Designed to Speed Up Cutting Times

Metalcam S.L., the Spanish specialist developer of CAD/CAM solutions for the shop floor, has issued Version 16 of Fikus Visualcam for wire-cut EDM, milling, lathe, mill/turn operations and NC cutting and routing. The new version of the software company's flagship product is a user-friendly and efficient solution for CNC programming that, in order to enhance operator productivity, supports SpaceBall® devices for the control



of dynamic movements on-screen and includes two new options for dynamic zoom (center the cursor or fixed-point) that are also used by CAD systems such as SolidWorks®.

Major enhancements have been implemented in the Fikus Visualcam Wire-EDM module. Using a range of innovative tools and dedicated technology tables, this module produces 2- to 4-axis

For 4-axis strategies, a new design option lets users define partial clearance in specified sections of the part and define the shape and measures without modifying the original CAD geometry.

Version 16 of the software module also provides new options for entry points and motions that are useful especially when a part has many geometries. The entry point for the No-Core-Cut

Fikus Visualcam V16 supports a variety of data translators, such as IGES, DXF, DWG, STL, STEP Cimatron and CATIA. SolidWorks users can import Solidworks geometry directly into Fikus Visualcam.

Using its dedicated, optimized technology tables, this latest version of Fikus Visualcam supports EDM machines built by such major manufacturers as GF AgieCharmilles, Sodick, ONA, Mitsubishi and Fanuc, among others.

In fact, as a manifestation of the long-term development partnership that Metalcam S.L. has formed with GF AgieCharmilles, the two companies have signed an agreement to include a subset of Fikus Visualcam directly on the CNC of GF AgieCharmilles' new Cut20P/Cut30P machines. Called AC CAM Easy, the subset includes CAD capabilities, 2-axis cutting with conic features, a collar wizard for die makers, simulation and a G-code editor, along with several options.

Metalcam, a company of GrupoCMC, focuses on innovation, reinvesting continuously in R&D. Its objective is to create software products that are easy to use and maximize productivity, using powerful development tools.

Metalcam S.L.
BARCELONA, SPAIN
www.metalcam.com

Metalcam

tool paths easily and quickly for wire-cut EDM machines of all major makes and vintages.

Fikus Visualcam V16 supports a new tab in the "conic constant" parameter form that enables various treatments to be performed at the corners of the wire path to be defined (these include slot, circle, chamfer or V-shaped corner). Additionally, a new 2-axis advanced strategy facilitates the definition of one or more 2-axis parts that can have different tapers on each face. The process is handled in 2 axes and postprocessed as 2-axis contours with the corresponding angles.

process can be defined automatically when selecting x-y geometry. The entry motion can be defined automatically as well when selecting that geometry; the user simply chooses the "Automatic Entry Motion" option and sets the values of angle and distance.

In addition, Version 16 enables the synchronization lines between the x-y and u-v contours that have been previously generated in the CAD system to be defined automatically. After selecting the x-y contour, the user chooses the "Detect Synchro" option, which selects the u-v contour and synchronization lines at the same time.