ENGLISH

All about the new 2018 Aphacam products

Exhibitions are for MW Programmation an opportunity to present Alphacam's new products, generally twice a year. The company also takes the opportunity to present its internal developments. Several innovations will be to be discovered at the EPHJ on booth F49.
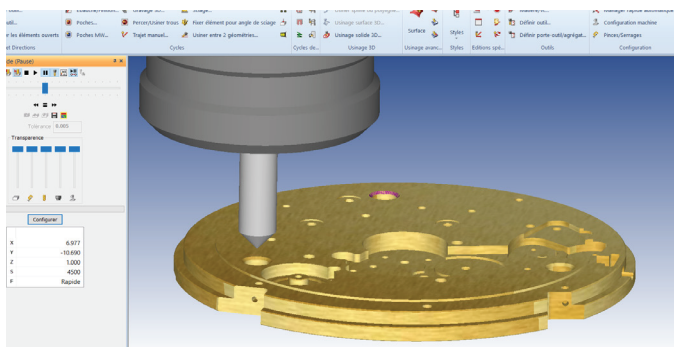
The first of these developments concerns automatic engraving. Launched about ten years ago, consecutive numbering is no longer sufficient today, as customers want to be able to switch to alphanumeric numbering. In a 4.0 spirit, MW programmation offers now the possibility to launch this numbering from lists taken from an ERP for example with feedback from the machine. The company in Malleray has also developed random numbering.

MW Programmation also offers MW-DNC, a solution to communicate with all the machines in the workshop. Equipped with control machines, for example, a company can automatically send corrections to the NC in order to correct/adapt the part during machining. Other developments such as this are also possible.

The third innovation concerns the Alphacam's EDUNC module used for apprentice training, which simulates NC codes. On this basis, MW Programmation has developed an integrated application that simulates code for 3-axis milling machines and 2-axis lathes. To date, several schools have acquired this module and following SIAMS, several requests from training companies are being processed.

Alphacam Swiss Lathe

This module is a perfect example of specific development. Designed for small turning workshops without CAM software, not fully exploiting their software, or for workshops that rarely machine complex parts, it aims to simplify the software as much as possible, for example by reducing the clicks necessary to start a new program from 20 to 3. This makes it possible to obtain the NC code for complex operations very quickly. The NC code can be quickly optimized, adapted or modified and sent to one or other machine without any particular constraints. Programmable in hidden time, it also offers the possibility to simulate the operation before machining. This module is an advantageous and flexible solution which makes it possible to optimise production without exploding the piggy bank.

Alphacam logiciel CFAO pour toutes les machines CNC de votre atelier.

Alphacam CAD/CAM-Software für alle CNC-Maschinen in Ihrer Werkstatt.

Alphacam CAD/CAM software for all CNC machines in your workshop.

New Designer tool

Vero Software now offers an ideal CAD tool to prepare solid models for programming on Alphacam. Thanks to its direct modeling, it frees the user from all constraints. Controls have been limited to make learning them easier. It simplifies all types of solids in order to quickly prepare them for programming on Alphacam.

Another interesting module, the DK Robot is a robot simulation software that has been integrated into Alphacam. It allows to simulate operations created on Alphacam with the kinematics of the robot while managing the movements without parts. This module nables to choose the robot from a complete library on internet and generate the code associated with the selected robot.

Interestingly, while the trend in software business is towards a licensing system, Vero Software has not planned to use this approach unless expressly requested by the customer.

More and more turnkey solutions

MW Programmation is selling less and less Alphacam software in standard version. Turnkey solutions that meet specific customer expectations become the norm. The good relationships the company has with the parent company give it the flexibility to develop additional tools and options. It even happens quite frequently that an internal development is taken over by the parent company for international distribution.

MW Programmation collaborates more and more with machine manufacturers. An example of turnkey development carried out jointly with BC Technologies for the easy programming of their new laser machine will also be presented at the EPHJ, on the Dracogroup stand (G107).

The innovations do not only concern the products but also the services offered by MW Programmation. For some time now, the company has been organizing training sessions to teach users how to automate programming in order to save time.

Clear horizons and succession assured

Since last summer, MW Programmation has seen a clear recovery in activities in all sectors. In addition to this good news, there is another that will reassure customers: the son of the company's founder, Michaël Weber, is about to take over the reins of the company, thus ensuring a smooth transition and the continuation of activities.