



2005, June

An efficient package dedicated to 3D shapes specialists

AUTON CAM has been created in 1992 in Italy to meet complex shapes designers and manufacturers requirements. Now AUTON CAM (<http://www.auton.it/>) is considered as the most popular solution for mold and model makers in Italy. More than 1000 companies use it in the peninsula and approximately 2000 around the world.

Auton Srl policy is based on closed relationship with its customers, and a constant awareness for their needs. As Mr. B Monelli (Technical Manager) explains: "there are tremendous differences from one country to another. Companies in Italy are rather small or very small. Of course, some major groups are Italian or located in Italy and we are very proud to list a few of them as Auton Cam users: Alessi, Bticino Legrand, Candy Elettrodomestici, Fiat Comau Divisione Stampi, Honda R&D, Hyundai R&D, Mattel Toys, Lascor Swatch Group, Berco Gruppo Thyssen-Krupp or Whirlpool Europe.

90% of our customers are small and medium-sized companies. In our opinion, the size of the company and its programming needs have to be strongly taken into account while implementing functionalities. Operators are very demanding regarding good solution to input models, easy tool holder definition, collision checking, stock management, toolpath simulation. We also notice that in this type of companies, confidence is probably the most important criteria to choose software. Another current characteristic of the Italian industry is its equipment. Most of the Italian companies look for a system that meets CAD and CAM needs separately. Auton Cam is used mostly in workshops, but it has to be compatible with most of the CAD software".

4 years ago Auton Srl has taken the decision to collaborate with Datakit in order to improve the quality of data translations between Catia V4 and Auton and to integrate its translators within its software. Some months later, reliability and fastness in reading CAD parts or CAD products and in modifying them pushed the company to propose a package including Auton Cam, a solution dedicated to the design "Rhino" and the plug-ins edited by Datakit.

According to the user's needs, Auton Srl adds the necessary translator such as CatiaV5 to Rhino, Unigraphics to Rhino or one above the other 18 available plug-ins. Such package is particularly well-adapted to the workshops where lots of Machine tools operators need to be able to modify parts and sometimes to design them.

Beyond its numerous customers, STS - group Vercarmodel (<http://www.sts-surface.com>) is a brilliant company, located in Turin, the capital of the Italian Automobile Industry. It is highly involved in the car industry and particularly in the realization of automobile prototypes to be presented to manufacturers or during International car shows... The company is in charge of the 3D modelling and styling as well as the machining of the parts on milling or prototyping machines.

Great passions for the automobile mixes with a high level of equipment allow the company to cooperate with Turin's main designers and to participate as a fully integrating part of the creative process. Most of the time, it starts from a styling sketch based on client request or a 3D model provided by the design department of the car manufacturer. .

STS uses Auton Cam for machining tasks. The solution was chosen, based on its proven reliability on usual daily needs.

As M. B Monelli explained "automobile field, especially car prototypes specialists' demand great reactivity. The company was looking for a fast and easy solution, which is able to solve everyday 3D programming problems. 2 years ago, as Catia V4 used to be a standard in the environment of Fiat, we proposed to the company a direct reading of native Catia V4 3D models with Datakit interfaces. The Auton Cam equipment was completed with the translator and the company was really satisfied with the results".