



The company develops software to enable design, creation and use of CNC machines.

# Productec: watchmaking precision for the medical field

A Jura-based company is optimising the production processes for machined medical parts thanks to state-of-the-art software.

**FRANÇOIS STEULET, EXECUTIVE DIRECTOR, PRODUCTEC SA**

**P**roductec is a Swiss leader in programming complex parts for the medical and food industry sectors. In the past 25 years, following its success in the fields of microtechnology and watchmaking, the Jura-based firm has developed all the tools necessary to develop software for machined medical parts, as well as their management and traceability.

Currently, Productec is able to supply complete CAM (Computer Aided Manufacturing) programming solutions thanks to GibbsCAM and a DNC (Direct Numerical Control) software solution which ensures the traceability of the components produced.

**From watchmaking production to medical components and food items**

For the past few years, GibbsCAM has been renowned for its complex milling and turning applications in watchmaking and the medical fields. Productec is an established company in Swiss turning, and has developed comprehensive capabilities in the procedures of this particular field. A number of procedures have been conserved and can be applied to new parts, resulting in a drastic decrease in programming time.

Productec has transposed this productivity growth into other fields of application – most notably the food industry. Working with other renowned global food industry brands – including a world leader based in Uzwil, St Gallen, that produces machines for the grain, pasta and flour industries – Productec has offered

software solutions adapted to needs, while meeting the strict standards required by the various fields.

## **Experts for customer service**

With its twenty-odd employees, Productec is one of GibbsCAM's most important retailers. Besides acting as retailer, the company also works shoulder to shoulder with the software manufacturer in the USA, where it co-develops modules specifically adapted to Swiss and European needs in micro-technology.

With its multiple skill sets, Productec can offer high-quality user support, programming skills and the guarantee of targeted training programs.

Apprentices, technicians and engineers are given GibbsCAM training in secondary and tertiary education, but over 350 machining professionals are also trained every year on GibbsCAM software within the premises of Productec. Because GibbsCAM's software is easily accessible, managers have collaborators at their disposal who can manage their own production. Such almost immediate operability makes for rapid and efficient Return On Investment (ROI).

## **Services that evolve**

With the continuous aim of meeting its customers' demands, Productec also offers solutions in keeping with needs in the medical field. Quality and traceability of components, or indeed machine performance calculation within the framework of important series, are daily requirements in the medical field.

To ensure the best production possible, Productec offers all the skills needed to deploy both its production surveillance system and its OEE (Overall Equipment Effectiveness) computing surveillance system via its DNC solution. In an age when every second counts and quality cannot be minimised, Productec stands apart from its competitors by offering a complete digital chain adapted to the relevant sector.

A new offer for 2014 within Productec's new range of services is robot steering for an optimised toolpath.

The speed and complexity of medical components deserve specific safety systems and round-the-clock operation. Naturally, this implies resorting to robots to ensure both repeatability and precision.

**PRODUCTEC OFFERS  
A COMPLETE DIGITAL  
CHAIN ADAPTED TO  
THE RELEVANT SECTOR.**