

# MATRIX Supports Continuous Improvement - from component design to final production

**True to its philosophy, the Catalonian Company Ventura Precision Components has based its continuous growth on investments in the advanced production technology and quality control. “Our strategy is focused on the long-term relationship with our customers, providing full support along all the process of part production”.**

With highly skilled and motivated personnel and a company philosophy that is both ambitious and realistic, the entrepreneurial dynamism and wisdom of Ventura Precision Components has lead the company to working with the demanding Automotive and Aerospace sectors, where quality, service and price are the foundations of their continuous process improvement. Besides the facility at Barcelona, located close to some of its major customers, Ventura also has production plants in Houston (USA, since 2008) and Suzhou (China, since 2011).

## Ventura Medical Technologies, a new branch within Ventura Group

Recently, the company diversified its strategy, focusing on providing solutions for the Biomedical Industry. Its first project was in 2012: Pectus UP, a surgical implant kit that allows the correction of a congenital birth defect - named Pectus Excavatum – that affects 1 out of 1000 children.

## Continuous Improvement

***In 2013, Ventura Precision Components invested in an Automatic Tool Dispenser. The chosen model was Iscar’s MATRIX. What convinced them most was the strength of the machine. Later on they discovered many more advantages.***

Benigno Muñoz is responsible for Processes Engineering, Continuous Improvement and Purchasing. He has been able to verify that “having the machine in the workshop takes away the stress that occurs if we run out of stock of a tool. Operators are more confident since all the tools are available to them, and the tool managers feel more relieved as the machine carries out all the control. It allows them to program the tools precisely as well as to know where they are consumed most”.

Jordi Forns works as an engineer in the same department and he is also responsible for the cutting tool purchasing and MATRIX Administrator. Forns comments that “before, I used to spend one hour per day just to check the actual available stock. Despite this, there could be stock shortages. Presently, using Matrix, this problem has just gone away and my supervision does not exceed 15 min, and it is not daily”. MATRIX means less idle time per machine and the setup operations are faster and more secure. MATRIX has been in use for over 5300 hours of continuous service, and during this time there have been more than 12000 tool transactions “without any significant incident”.

After one year in service, Ventura is very satisfied with output. Also, the year-on-year tool consumption (with slightly higher production) decreased by 19%, allowing the company to amortize the equipment within 6 months.