

RTM



The CimatronE 5-Axis module provides us with all the tools necessary to create efficient and safe toolpaths, and to produce products with a high surface quality.

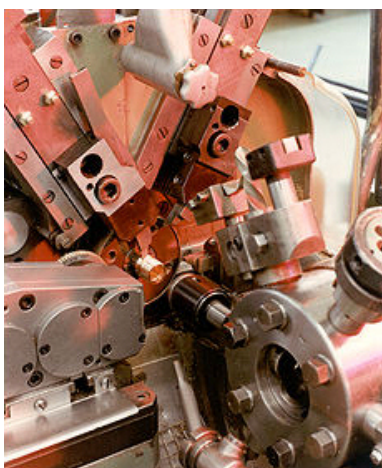
Marco Rossi, Sales Manager



Industry Pneumatics, hydraulics, hobbies, furniture
Location Vicenza, Italy
Website www.rtmsrl.com



Vicenza-based RTM produces mechanical parts in the fields of pneumatics, hydraulics, hobbies, furniture, and others. With a production staff of 20 and an array of machines, the company works with materials such as brass, copper, PVC, silver, aluminum and stainless steel, with diameters between 3 mm and 60 mm. RTM operates under ISO 9000 quality certification.



The Challenges

- Producing products involving a high degree of complexity as a way of giving the company a competitive advantage over other tool shops
- Finding the right technology for high precision product development
- Achieving efficiencies across the board in terms of time, cost and labor

The Solutions

CimatronE's 5-Axis

The Results

- Accurate translation of imported data from a variety of standard and proprietary formats, as well as the ability to repair defects such as gaps and overlaps
- Significant efficiencies resulting from templates and pre-set processes, as well as automatic programming that supports manual checking of every aspect of the processing if so desired
- Precision in complex product development, such as the ability to create holes with a tolerance of 0.2 microns, obtaining surface roughness and special profiles, beams or bevels almost invisible to the naked eye
- Certainty that the toolpaths are fully tested and secure, thanks to CimatronE's realistic simulations of the process of chip breaking

For more information, please visit www.CimatronE.com