

Fim-Premec



We use CimatronE's 5-Axis every day without fail. From converting incoming files, to building contact surfaces, the system is crucial to our operations. I honestly don't know how we could manage without it.

Marcello Bergonzini, Technical Manager



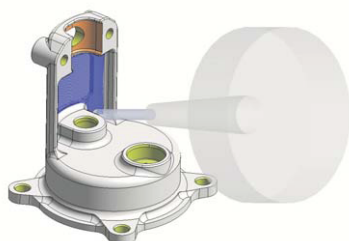
Industry Automotive, biomedical, packaging, gear motors, aerospace

Location Modena, Italy

Website www.fim-premec.it



Based in Modena, Italy, FIM-PREMEC produces high precision prototypes and molds. The company was established in 2000, the result of a merger between FIM Maverti and PRE-MEC, both of which had been operating in the high precision mechanical market for some decades. FIM-PREMEC primarily services the automotive industry, particularly motorsports, but also the biomedical, packaging, gear motors and aerospace industries, and works with any kind of steel, aluminum, titanium, plastic, brass, bronze and copper. FIM-PREMEC operates under UNI EN ISO 9001 and UNI EN 9100 quality assurance standards.



The Challenges

- Meeting tight delivery times, particularly in the fast-paced field of motor sports
- Producing parts requiring high quality surfacing
- Reliably converting imported three-dimensional design data from various standard formats, such as IGES and STEP, as well as proprietary formats such as CATIA
- Better control over particular processes

The Solutions

CimatronE's 5-Axis

The Results

- Automatic optimization of toolpaths, resulting in high quality production and time and cost savings
- Working with CimatronE's powerful features on all types of geometry – solid, surface and wireframe – and the system's fast processing times, eases the burden on the NC programmers, resulting in additional time efficiencies
- Smooth transfer of data and the ability to recognize and correct conversion areas
- General automation of tasks, but also the flexibility to switch to manual processes for tailored needs

For more information, please visit www.CimatronE.com