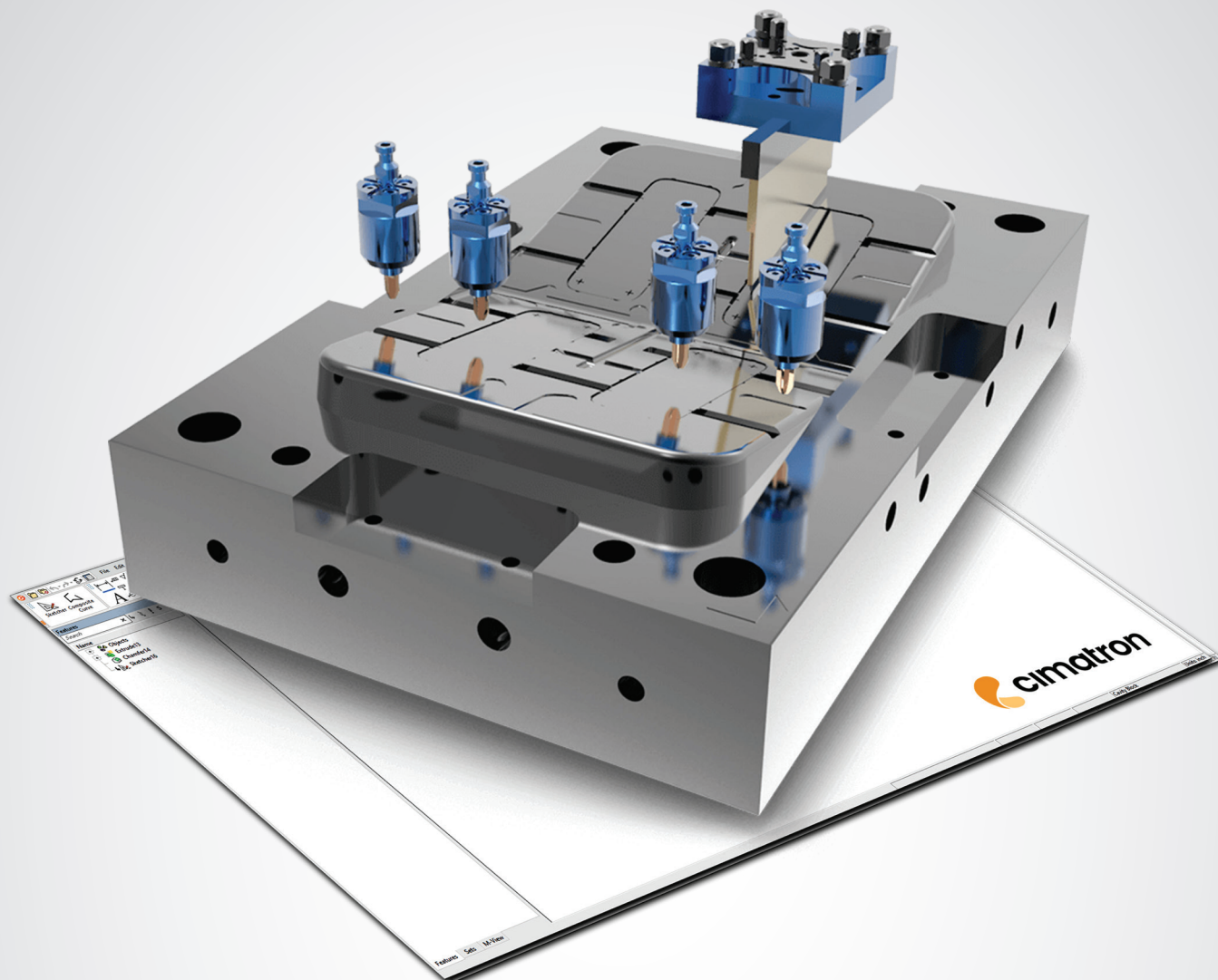




Cimatron Electrode

Cimatron electrode is a powerful all-in-one solution for electrode production that accelerates the design, burning, and machining processes, and helps cut design time by 80%.

Cimatron Electrode

Cimatron Electrode streamlines electrode design, burning, and machining processes by providing automation, preventing errors, and providing electrode-specific tools every step of the way.

Electrode design

Cut electrode design time by 80% with versatile surface creation capabilities and advanced tools for each step of the design process. Cimatron simplifies the selection of burning surfaces and the generation of holder and blank geometry, as well as the creation and reuse of design templates. Electrode and holder designs can be easily checked for collisions with parts and fixtures for optimal efficiency.

Electrode burning process

Quickly define error-free burning processes for each electrode and burning path, including spark gaps, 2D and 3D orbiting, and rough offsets. Automatically generate inspection drawings that enable shop-floor staff to verify dimensions prior to burning.

Electrode manufacturing

Create comprehensive 2.5-axis to 5-axis machining operations at the click of a button. Cimatron accounts for burning parameters like spark gaps, 2D and 3D orbiting, and rough offsets for error-free, accurate machining. Colors can be automatically assigned to components for design validation and to simplify the selection of geometry used in machining templates. Process templates can be easily created and reused, enabling the automatic selection of user-defined milling strategies based on electrode geometry. Verify dimensions of manufactured electrodes by sending a CMM (coordinate-measuring machine CMM) measuring path straight to your machine that considers the burning parameters.

