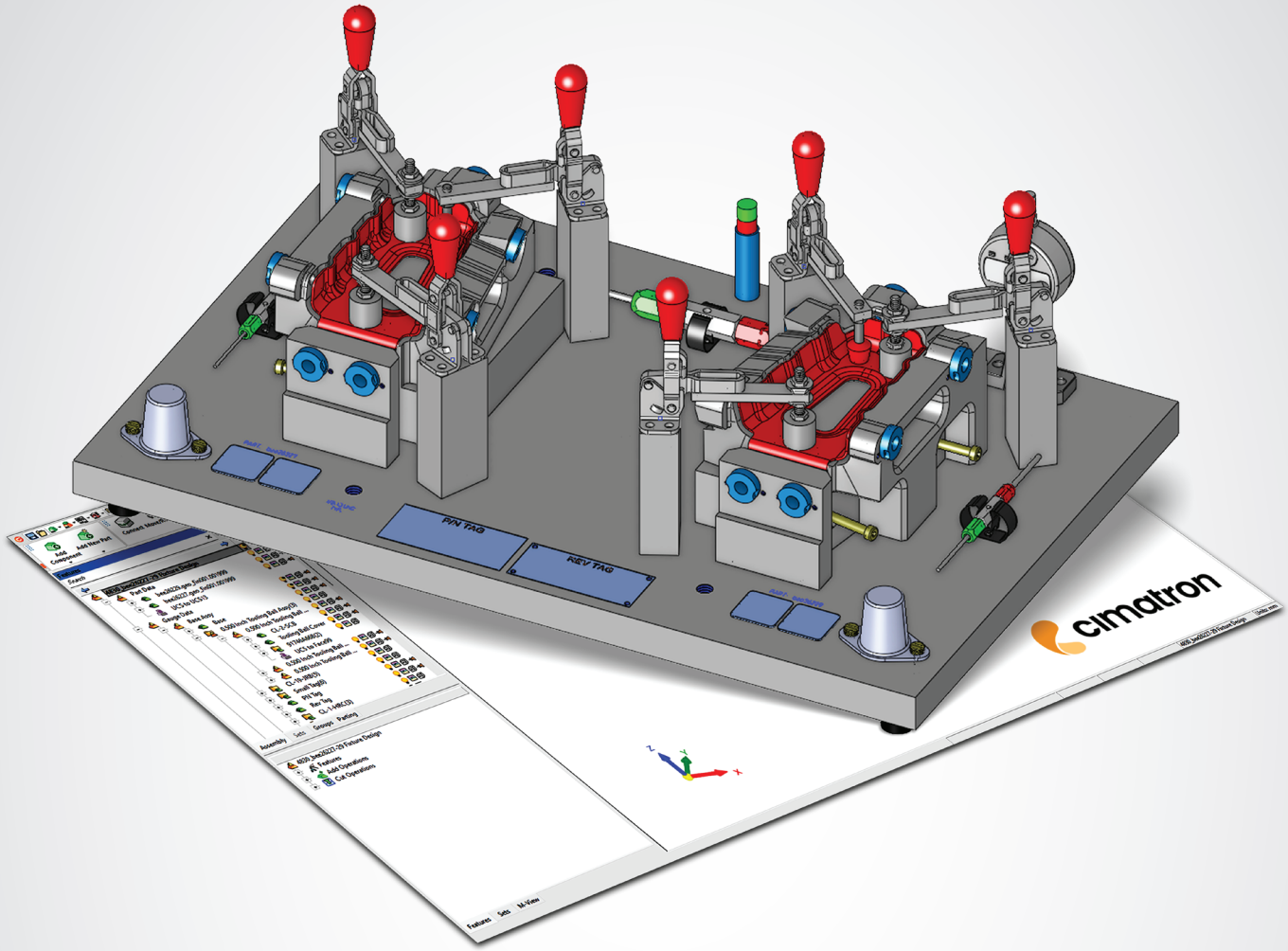
cimatron



Cimatron CAD

Cimatron CAD provides powerful 2D and 3D CAD capabilities that help reduce error, accelerate product development, improve design quality, and streamline the transition to manufacturing.

Part of Sandvik Group

Cimatron CAD

A variety of flexible solid and surface modeling tools ensure that designers always have the right tool for the job — no matter how complex.

Streamlined workflow

Easily work with 3D CAD data in all standard file formats and achieve a simplified workflow with the direct translation of OEM CAD data, including vital product manufacturing information (PMI). A design approach that utilizes model-based definition (MBD) helps designers easily add helpful PMI and geometric dimensions and tolerances (GD&T) data.

Advanced solid and surface modeling

Hybrid solid and surface modeling capabilities increase efficiency and flexibility by enabling designers to choose the tools that work best for them — and for the job. Specialized solid modeling tools simplify the creation of holes, ribs, rounds, chamfers, and tapers. Powerful surface modeling capabilities include wireframe creation and a range of editing tools.

Design verification

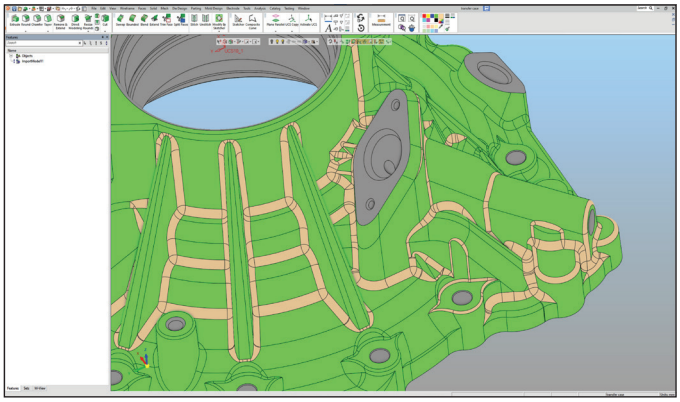
Use interference checking, cut verification, and integrated motion-analysis tools to increase efficiency at the design stage by eliminating the errors that require rework.

Robust assembly tools

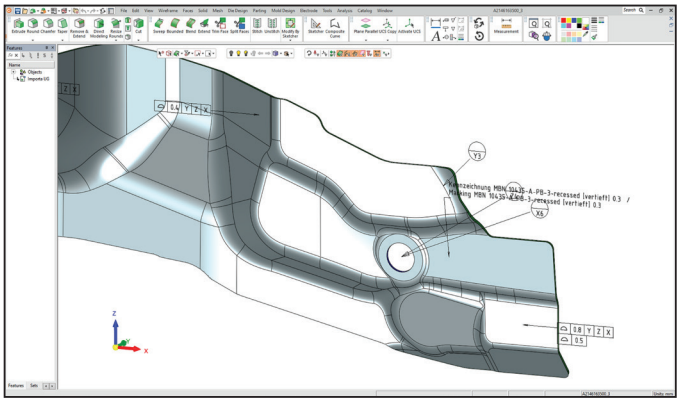
Build complex tool assemblies using various catalog components that can be easily duplicated for improved design efficiency.

Transition to manufacturing

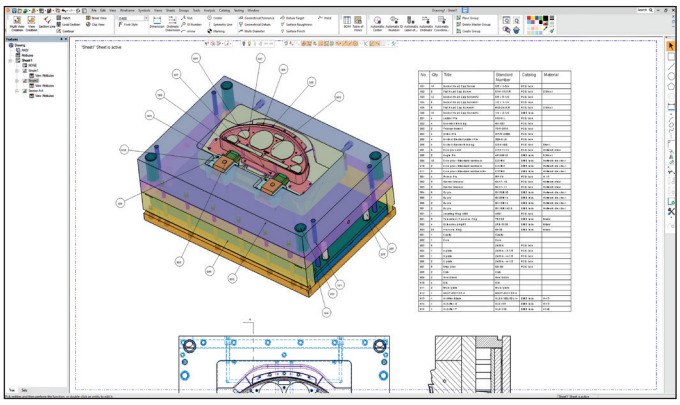
Increase accuracy and efficiency with an integrated CAD/CAM system that provides design and manufacturing tools in a single solution. Prepare designs for efficient CNC programming using intuitive analysis and editing tools that accelerate the transition to production.



A flexible modeling environment and variety of specialized design tools simplify even the most complex jobs.



Eliminate error at the design stage by verifying the integrity of in-progress designs.



Use analysis and editing tools to quickly prepare part designs for CNC programming.

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