What customers are saying…

"Using CimatronE, we are able to streamline our processes to meet customers’ demands for shorter delivery times. We can reduce our design cycle by as much as 40% and shorten surfacing and electrode extraction even further."

Jim Dent, LS Mold, USA

"Cimatron enables us to do our design work better and faster. It makes us more productive – we can do more business with the same resources."

Paul Cate, C&C Design, USA

"Since we switched over to CimatronE, we’ve shortened our turnaround times, improved product quality and met tight deadlines on even our toughest jobs."

Henry Frederiksen, Oticon, Denmark

CimatronE MoldDesign

Advanced mold design with the toolmaker in mind

Maximum control and productivity with rich set of applicative tools

Built for speed – efficient wizard-based functions and ergonomic interface

Created by toolmakers for toolmakers

For over 20 years, Cimatron has listened to toolmakers worldwide – working together closely to integrate excellent ideas from design professionals like you. The result is a field-proven mold design solution optimized to speed your design processes and experienced support engineers ready to assist you at the Cimatron customer support hotline.

Maximum Control

CimatronE MoldDesign complements the knowledge and experiences of mold makers. It offers the right combination of automation and hands-on decision-making power. While initial steps can be quickly accomplished with user-friendly guides, all functionality remains firmly in the experienced hands of the mold maker.

Rich Applicative Functionality

CimatronE MoldDesign includes all the applicative tools that mold makers need to get the job done right. The first time, including:

- Highly flexible mold base configuration
- Powerful tools for designing runners, ejectors, and cooling systems
- Automatic creation of pockets for inserts
- Smart component positioning and manipulation

Built For Speed

The Cimatron MoldDesign methodology delivers quality results with unprecedented speed. Unmatched 3D design speed and automatic BOM (Bill of Materials) creation speed-to-market, and allow initial part ordering and manufacturing process preparation. The intuitive user interface makes the right tools available at the right time and in the right place on the screen. Uncluttered workspaces with context-sensitive toolbars and menus increase productivity and shorten delivery time.

About Cimatron

Cimatron (NASDAQ: CIMT) enables mold, die and tool shops to optimize processes and shorten delivery times. From quoting to delivery, in the design room and on the production floor, Cimatron helps toolmakers stay competitive. More than 8,500 tool shops worldwide use Cimatron’s leading solutions to deliver quality products at lower costs and reduced cycle time. Cimatron’s solutions and extensive distributor network are located in over 35 countries to serve customers worldwide with complete pre- and post-sales support.
Flexible Mold Base Manipulation

Cimatron’s powerful mold base manipulation tools offer a rich environment for mold base modification. This includes mold base optimization tools, a mold base cleaner, face and curve tools, and tools for the creation of runners and gates. These tools are designed to help mold designers create high-quality mold bases quickly and efficiently.

Powerful CAD Tools

Cimatron’s powerful CAD tools allow designers to create complex mold designs quickly and efficiently. These tools include 3D modeling, surface modeling, solid modeling, and toolpath generation. They also include advanced features such as automatic pocketing, automatic toolpath generation, and smart trimming of ejectors. These tools allow designers to create complex mold designs with ease and efficiency.

Automated Drawing

Cimatron’s automated drawing tools allow designers to create detailed drawings of mold designs quickly and efficiently. These tools include intelligent sectioning, automatic trimming of sheets, and automatic sectioning of drawings. They also include advanced features such as automatic annotation, automatic dimensioning, and automatic sheet creation. These tools allow designers to create detailed drawings of mold designs with ease and efficiency.

Efficient Bower Design

Cimatron’s powerful bower design tools offer a rich environment for bower design. These tools include tools for the creation of bower shapes, bower trimming, and bower optimization. They also include advanced features such as automatic trimming of bower surfaces, automatic optimization of bower shapes, and automatic trimming of bower edges. These tools allow designers to create high-quality bower designs quickly and efficiently.

Simplifying Complex Cooling System Design

Cimatron’s powerful cooling system design tools allow designers to create complex cooling systems quickly and efficiently. These tools include a wide range of features such as automatic cooling channel creation, automatic cooling channel optimization, and automatic cooling channel trimming. They also include advanced features such as automatic cooling channel optimization, automatic cooling channel trimming, and automatic cooling channel creation. These tools allow designers to create high-quality cooling systems quickly and efficiently.

Flexible Mold Design

Cimatron’s powerful mold design tools offer a rich environment for mold design. These tools include tools for the creation of mold designs, bower design, and cooling system design. They also include advanced features such as automatic trimming of mold surfaces, automatic optimization of mold shapes, and automatic trimming of mold edges. These tools allow designers to create high-quality mold designs quickly and efficiently.