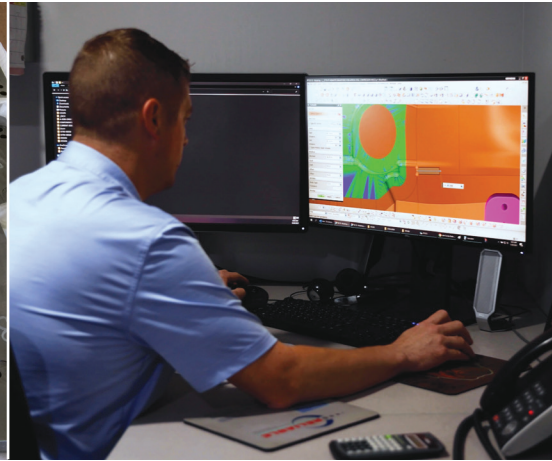


STAMPING SIMULATION, DIE DESIGN AND DIE DETAILS



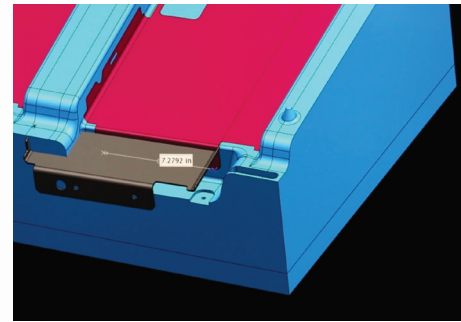
DIE CAD
A TOOLING TECH GROUP COMPANY

Turnkey Tooling Solutions for Sheet Metal Stamping

Die Cad is a global tooling service supplier, specializing in sheet metal stamping. We help our customers with tool and die design, product and process simulation, die details sourcing, special purpose machine design and other related services. For three decades, we've built our reputation by helping customers – inclusive of OEMs, Tier 1 suppliers

and tool shops – solve the industry's most complex problems.

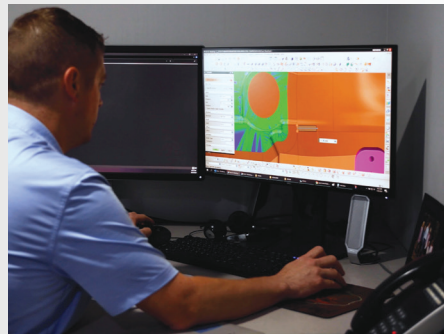
Our mission is to support our customers' success by providing dependable engineering services and components that promptly meet their need to produce the highest quality metal stampings.



CAPABILITY THAT DELIVERS QUALITY AND COST CONTROL

North American Engineering Team

You can count on Die Cad to provide efficient service and uphold the highest standards of quality with our Michigan-based design team. Employing a variety of CAD platforms we provide efficient transmittal of data to and from customer facilities via a secure FTP site. We also utilize simulation, CAD and inspection software to seamlessly move jobs from part design to die design to simulation to manufacturing.



Strategic Sourcing of Die Details

With a location in China, staffed with in-country project managers, we work with offshore best-cost suppliers to manufacture fully machined, ready-to-assemble details for your tooling. Prior to arrival on your shop floor, Die Cad cleans and inspects each detail of the die components to ensure all projects meet customer requirements and are ready to produce high-quality stampings.

Stamping Dies, Gauge & Special Machine Design

We have a full team of seasoned designers with tool shop and build experience utilizing CATIA® and NX CAD (Unigraphics) software to produce fully color-coded 3D designs. Simulation is key to the success of Die Cad tool designs. Our specialists use Auto Form software to determine feasibility, material usage, required concessions, springback compensation and tool processing requirements.

Surfacing

Whether working on a new concept or modifying scanned or existing surface files, our team generates pristine workable surfaces for engineering and machining.

Full Builds & Kit Dies

Given our strategic sourcing, we can quote and supply your tooling in different ways, including fully overseas sourcing, fully domestic, or a combination of the two with a hybrid build.

Reverse Engineering

If your die is damaged, needs modification or a total replacement and you don't have original design drawings, there is no need for concern. At Die Cad, we can scan your existing details to create highly accurate 2D and 3D CAD data and work from this to provide you a working die.

INDUSTRY APPLICATIONS

Motorized Vehicles

We provide tooling engineering for a variety of motorized vehicles across various industries including automotive, agriculture, heavy truck, construction, recreational and powersports vehicles, and more.



Appliance and Consumer Goods

We provide engineering solutions for consumer goods and appliances including washers and dryers, ranges, ovens and cooktops, grills, freezers, HVAC components, fans, and more.



Industrial

Within the construction industry we offer extensive design and supply experience with products such as doors, roofing shingles, metal building frames, electrical box covers, electrical motor covers, residential and commercial air conditioner and heat exchanger outer cabinets, and more.



Medical & Dental

We support the healthcare industries by offering extensive design and supply chain experience for products like dental exam chairs, hospital beds, veterinary exam tables, and more.



COMPANY OVERVIEW

Die Cad was founded in Grand Rapids, Michigan in 1995 as a provider of special machine design, detail sourcing, simulation, die design and other tooling support services for the metal stamping and plastic injection molding and automation industries. Acquired in 2018 by Tooling Tech Group to complement its other tooling offerings, Die Cad is now recognized as a global tooling service supplier, specializing in sheet metal stamping.

Tooling Tech Group builds custom automated systems for assembly, joining and inspection as well as tooling for a variety of applications including thermoform molding, high compression composite molding, blow molding, rotational molding, die casting, and stamping. Industries served include automotive, appliance, lawn and garden, agricultural, aerospace, marine, and off-road vehicle industries, among others. Through organic growth and acquisitions, the company has become the largest tooling provider in the United States with 650+ employees, 13 modern facilities and over 1 million square feet of manufacturing space across four states.

The depth and breadth of our capabilities is achieved through the combined experience of our company units, with each of these companies being in business for 30+ years, providing both extensive industry experience and financial stability that you can rely upon. Our unique differentiator is the ability to provide all tooling services from design to engineering to simulation to machining to fabrication to try-out all within one company. This single source ability can help to streamline your business operations and simplify your life. We take full responsibility for quality, delivery, and cost management of each project starting at concept through “on time, every time” delivery.



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