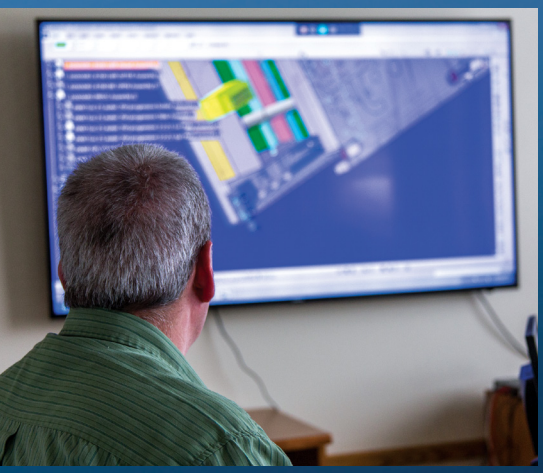
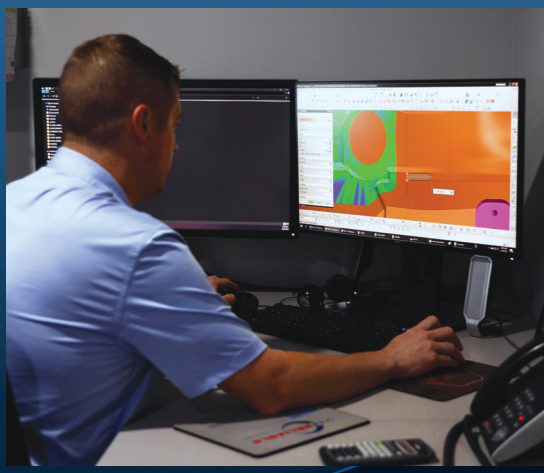
Stamping Simulation, Die Design and Die Details







DIE CAD

A TOOLING TECH GROUP COMPANY

Turnkey Tooling Solutions for Sheet Metal Stamping

TOOLINGTECH GROUP



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 Ohio-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.

Surfacing

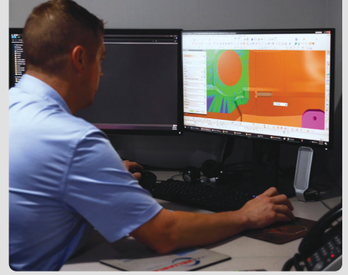
Whether working on a new concept or modifying scanned or existing surface files, our team generates pristine workable surfaces for engineering and machining.

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.





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.



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.



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.



Best in Class Tooling and Automation

Delivered On Time, Every Time!

With roots that go back over 40 years, Tooling Tech Group (TTG) has grown to be the leading manufacturer of tooling in the United States. We provide solutions for thermoform molding, high compression composite molding, blow molding, rotational molding, die casting and stamping, as well as custom automated systems for assembly, joining and inspection applications. Our combination of industry expertise and depth of resources means that we provide tooling and automated solutions of the highest quality on time, every time!

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