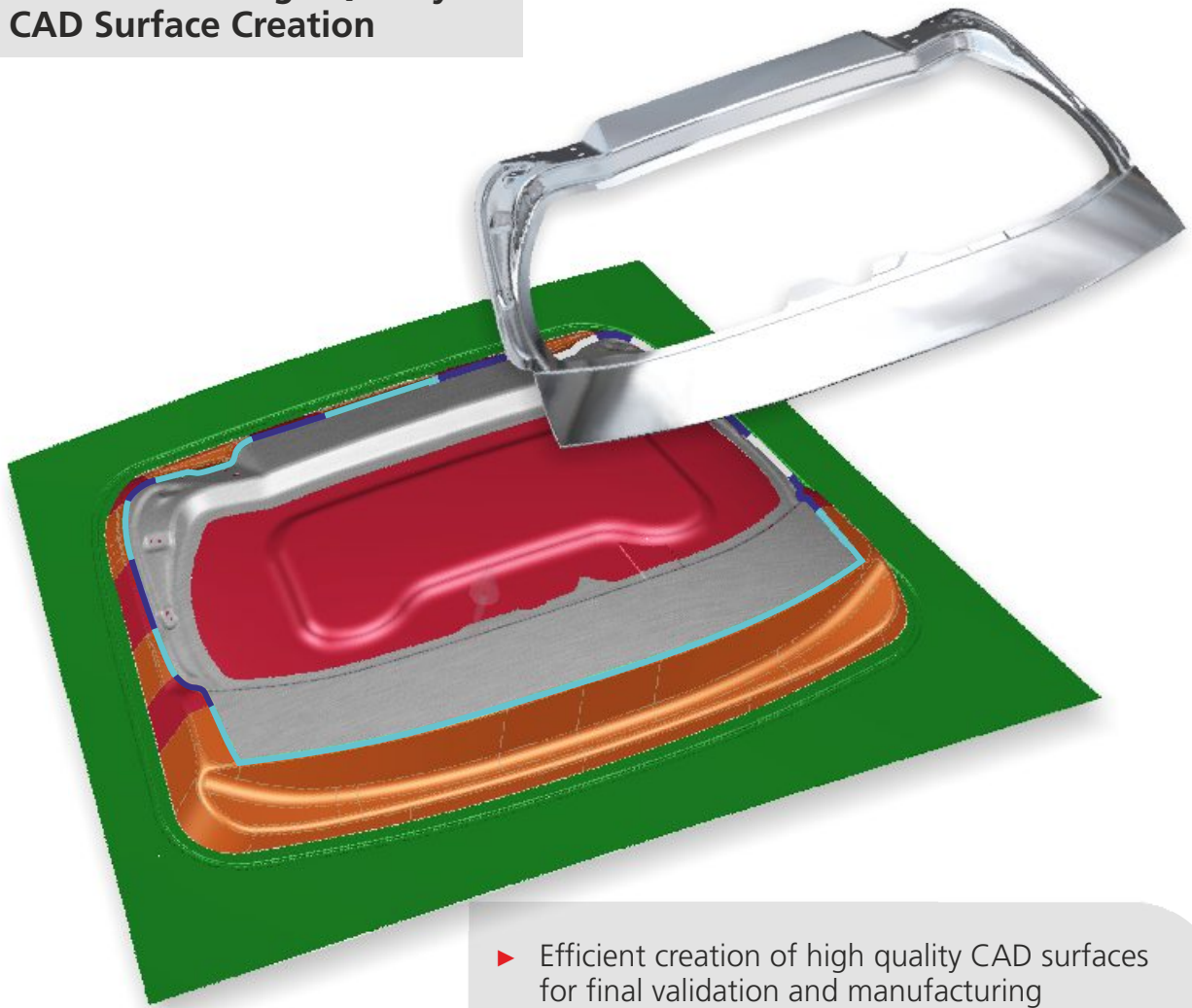


# AutoForm- DieDesigner<sup>®</sup> Plus

Software for High Quality  
CAD Surface Creation



- ▶ Efficient creation of high quality CAD surfaces for final validation and manufacturing
- ▶ Seamless information flow and use of process plan information
- ▶ Easy to use CAD surface features without the need for any CAD software
- ▶ Guided workflow with flexible structure to freely create any desired addendum or form shape
- ▶ Exportable geometry with matching quality in generic file format



**AUTOFORM**  
*Forming Reality*

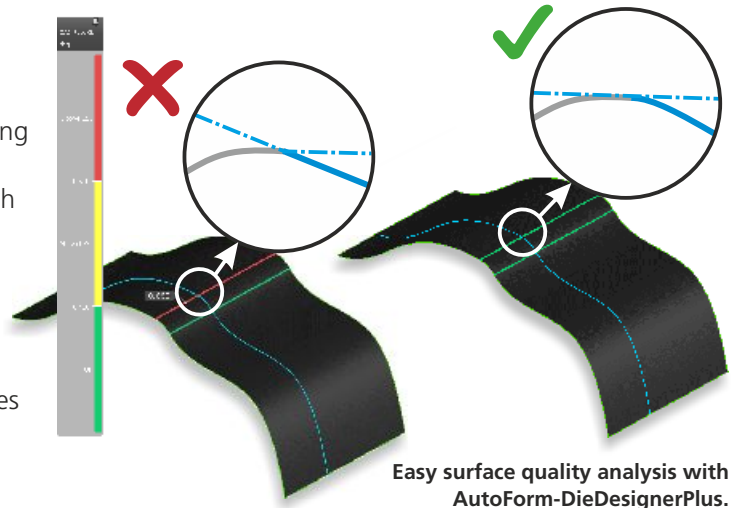
# AutoForm-DieDesigner®Plus

## Fast and Efficient Creation of High Quality CAD Surfaces

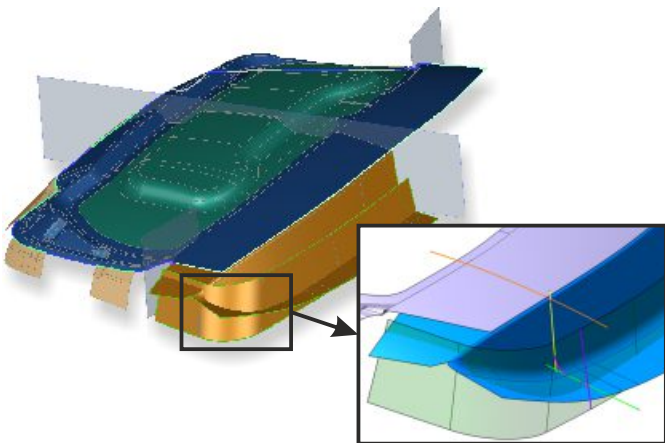
AutoForm-DieDesignerPlus enables users to create machinable surfaces of CAD quality within the AutoForm interface and without the requirement of any additional CAD software. The integration of AutoForm-DieDesignerPlus within the AutoForm user environment allows for a seamless information flow during process development.

AutoForm-DieDesignerPlus provides a set of new geometry creation features within the AutoForm interface. With AutoForm-DieDesignerPlus, users can quickly create a final die face geometry without requiring any specific CAD system. The design process with this new capability enables a high level of efficiency through the usage of one single file.

With AutoForm-DieDesignerPlus, users can create the needed nominal final design surfaces for draw, trim, and form operations, as well as curves required for manufacturing of the tools. Once the final CAD surfaces are prepared, the process tool setup is automatically defined for use in the next simulation analysis.



Easy surface quality analysis with AutoForm-DieDesignerPlus.



Familiar surface construction methods within a guided workflow.

AutoForm-DieDesignerPlus is best used within the process design phase to facilitate the creation of CAD-quality surfaces. These are required for the final validation simulations and for the manufacturing of the physical tools. The associative modeling method allows for easy modification and maturation of the process design, even after the main concept is developed. This further increases the efficiency of the engineering process because no export or import of the geometry is required to start a new simulation.

AutoForm-DieDesignerPlus allows for additional future benefits as more companies adopt initiatives towards Industry 4.0 and the Digital Process Twin. Integrated and dedicated stamping process design features and ease of use, allow users to realize new levels of efficiency, while continuing to focus on accurate simulation modeling.

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