

# FASTFORM

FORMABILITY ANALYSIS SOFTWARE

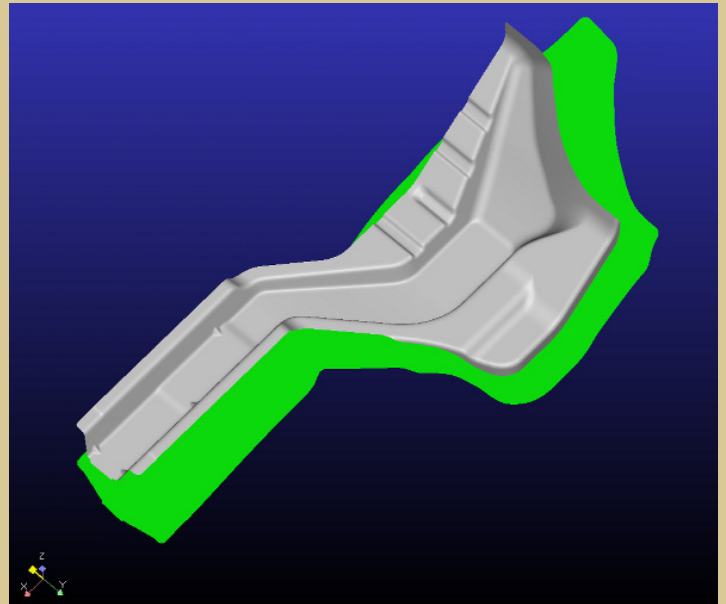
A FORMING SUITE MODULE

Predicts product and process feasibility

Eliminates risk by identifying formability issues before costs are committed

Quickly identifies splitting, wrinkling, and thinning

Reduces process development time by accurately sizing blanks



Fast Formability Assessment

**FASTFORM** EVALUATES AND VALIDATES THE FORMABILITY OF PRODUCT AND TOOLING DESIGNS



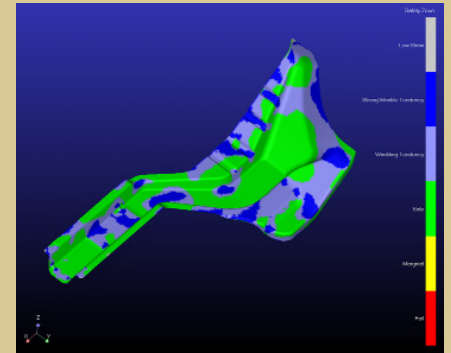
# FASTFORM

**FASTFORM** provides product and die designers with fast formability analysis for evaluation and validation of stamped components. Tryout simulations are based on either the component geometry for early feasibility or on the full tool, taking blankholder force, drawbeads, and pressure pads into account for improved reliability.

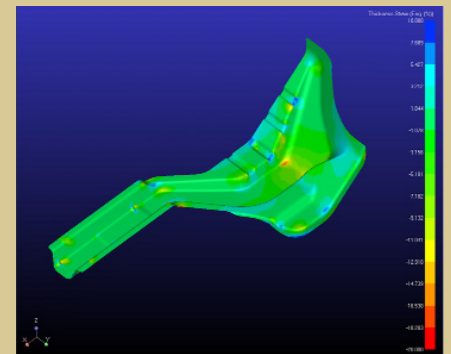
**FASTFORM** accurately determines if a component can be stamped consistently with minimum cost, while fulfilling all product performance requirements

## FEATURES

- Develops accurate blank shapes for improved material utilization
- Introduces feasibility criteria during early product development
- Results provide guidelines for material selection, blank size, binder and pressure pad force, and drawbead layout
- Simplifies results interpretation by providing graphical display of splitting, wrinkling, and thinning
- Customizable materials database provides flexibility required to simulate any material.
- HTML-based report generation summarizes the product development process
- Fast, intuitive interface makes the software extremely user-friendly



Safety Zone



Thinning Plot

**ABOUT FORMING TECHNOLOGIES** Forming Technologies Incorporated (FTI) is the world's leading developer of computer aided engineering software for design and simulation of sheet metal forming. FTI has developed a suite of products to analyze product formability, die design, and process feasibility. For the past 16 years, FTI has provided the automotive OEM, Tier 1, Tier 2, Tier 3, aerospace, and appliance industries with innovative software and training solutions designed to reduce development time and material costs. These solutions have resulted in millions of dollars of savings for our customers. FTI and its global network of partners provide sales and technical support to customers in more than 30 countries.



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**FASTFORM**