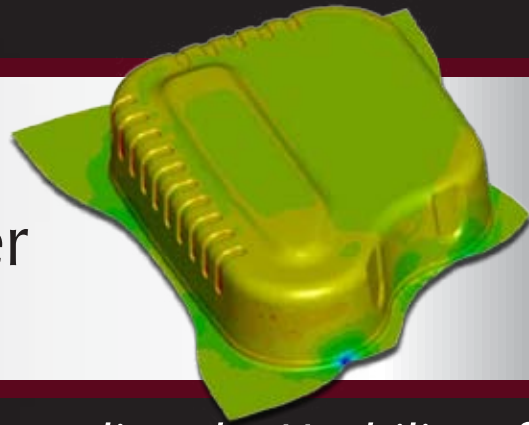


INC Solver



For **DYNAFORM 5.8+** - *Expanding the Usability of DFE*

FEA Solver

INC is an explicit finite element analysis (FEA) solver designed for sheet metal forming simulations. It is a virtual tryout tool for die face design. INC works best with the Microsoft Windows platform, using a Shared Memory Processing (SMP) scheme and multiple-core CPUs.

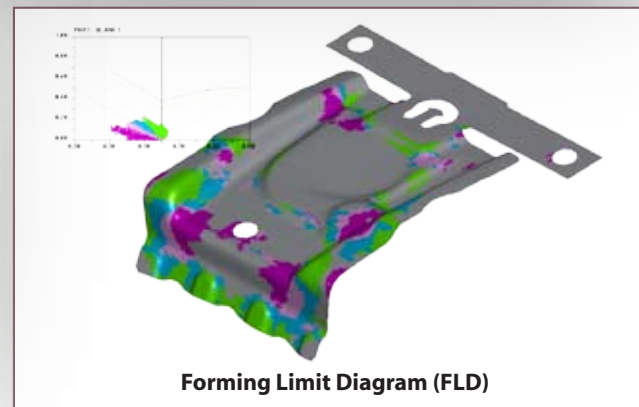
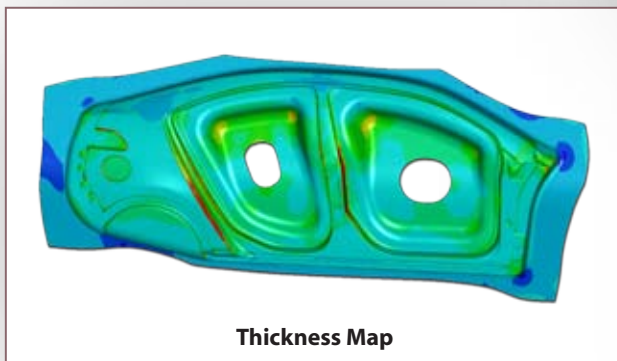
Capabilities

DFE Module (supports die face design)

- Gravity Load Simulation
- Binder Wrap Simulation
- Crash Form Forming Simulation
- Single Action Forming Simulation
- Double Action Forming Simulation
- Springback Prediction
- Lancing Applications

Features

- Using the latest multiple-core computing platform, great speed to support die face engineering tasks
- Adequately supports non-conforming CAD surfaces—no need for mesh repair
- Uses a simultaneous fusion-fission approach to handle mesh adaptivity
- Simulation setup is quick, efficient, yet robust with fine-tuned parameters for the best results
- Minimal training and technical support required for die face engineering objectives



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