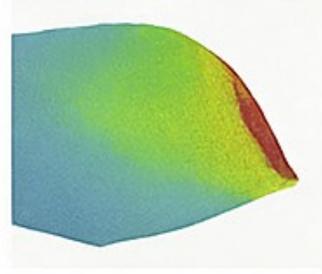


2025 Ansys Forming

Mesh Adaptivity

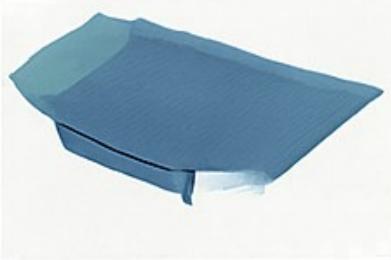
Smart mesh refinement applies only where needed.

Reduces element count and CPU time while maintaining accuracy



Smart Adaptivity

Refines mesh in critical regions only, increases simulation accuracy with less computation



Fully Integrated Platform

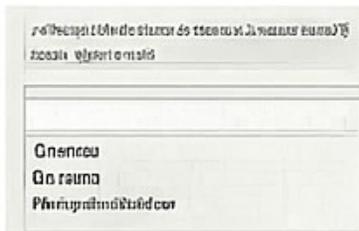
Combines pre-processing, LS-DYNA solving, and post-processing, Job submission and result review available in real time



Innovative Tool Motion Setup

Tabular interface for defining complex tool motions.

Supports unlimited tools and flexible motion phases



User-Friendly Interface

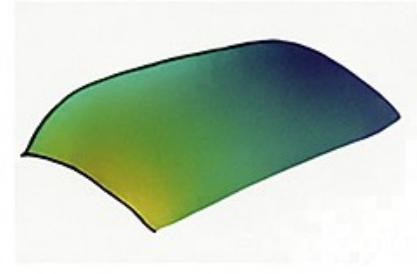
Auto-tipping of models from design position to forming position

No manual mesh editing needed, automatic



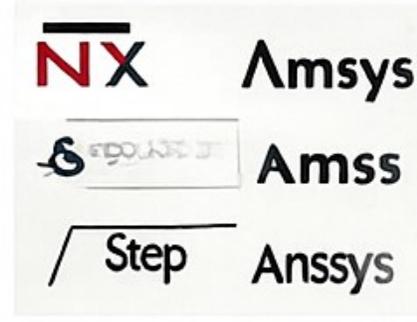
New Feature: Stoning

Visual tool to detect and evaluate surface-defects post-springback



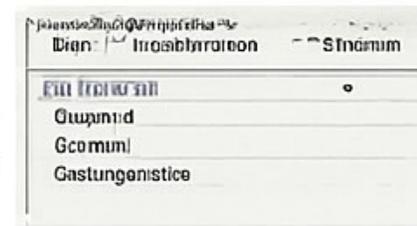
Direct CAD Import

Native CAD file Import /CATIA VS, NX, SolidWorks, Inventor, etc./ without /GES conversion



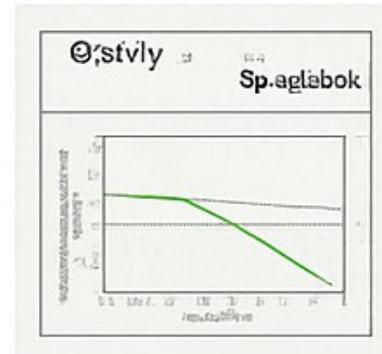
Process-Based Workflow

Simple drag-and-drop for drawing, trimming, flanging, texturing, and springback



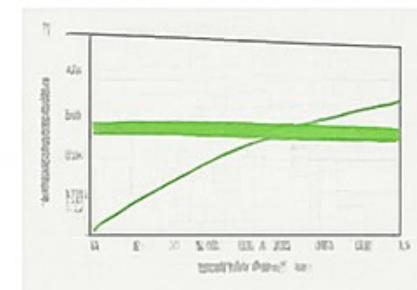
One-Click Functions

Gravity loading and springback prediction with auto constraints. Submit multi-stage jobs with a single click



Dedicated Post-Processing

Tools Include: Formability index predicts FLC



Joe Hama
216-240-4262

 **AutoStamped**