**Altair® HyperBlank®**

**Accurate Blank Size and Cost Analysis**

Altair® HyperBlank® is a powerful, yet user-friendly, simulation tool that quickly and accurately estimates the initial feasibility and blank size required for stamping of sheet metal parts. The accurate blank-shape prediction and intuitive nesting interface proposes proper blank sizing, minimizes material scrap, and efficiently evaluates the initial blank cost.

**Simple**

- Built-in manufacturing knowledge
- Intuitive and user-friendly interface
- Streamlined and flexible report generation

**Accurate**

- First-class feasibility analysis
- Precise and fast blank-size calculation
- Optimized blank fitting and nesting estimation

**Affordable**

- Very competitive pricing system
- Includes readers for most common CAD formats
- Immediate return of investment

**Key Features**

- Process-oriented, extremely easy-to-use and fully automated process
- From geometry to results in seconds
- Direct import of CAD files (CATIA®, Unigraphics®, IGS, Step, VDAFs, and more)
- Automated geometry clean-up and meshless user experience
- Automatic mid-surface extraction
- Detection of the part thickness and assignment of material properties
- Equipped with a rich, completely customizable material database
- Complete and intuitive graphic user interface for blank nesting
- Supports the most common shapes for blank fitting (rectangle, parallelogram, trapezoid)
- Forming contour plots for part feasibility verification
- Automatic report generation (HTML report and summary spreadsheet)

**Target Users**

- Material Utilization Engineers
- Stamping Cost Estimators & Die Quoting Personnel
- Die Development Engineers
- Die Process Engineers

For more information about HyperWorks products, visit [www.altairhyperworks.com](http://www.altairhyperworks.com)