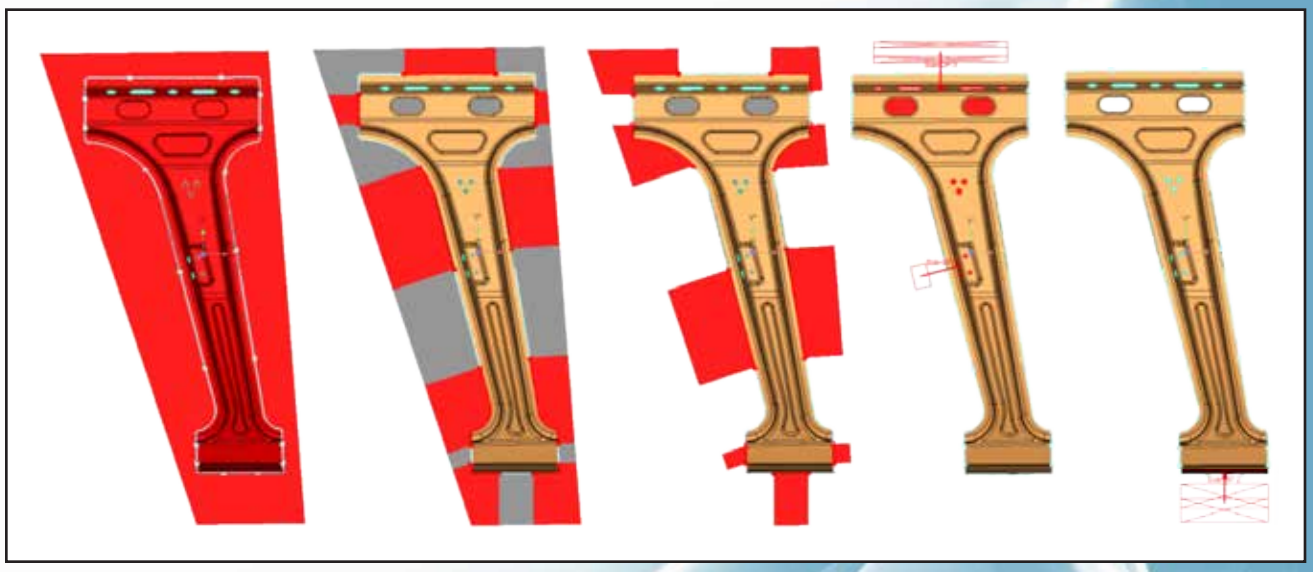
A FORMINGSUITE® MODULE

PROCESSPLANNER

Create a Documented Process Plan with Press Requirements and Costing for Transfer, Tandem, and Progressive Dies



Process Summary for Line-Die Plan

Develops a detailed process plan for quoting

Generates images to detail die actions in each operation

Results in increased accuracy and enables a faster quoting process

Scientific physics-based approach to process planning

Calculates minimum press requirements such as tonnage, bed size, shut height, energy, and selects appropriate press

Consistent and repeatable method for estimating tooling costs with detailed reports

Open Access System that can connect and populate any internal costing reports

PROCESSPLANNER PROVIDES TOOLING COSTS, TONNAGE, AND PROCESS PLAN FOR LINE DIES AND PROGRESSIVE DIES

FORMING TECHNOLOGIES INCORPORATED

PROCESSPLANNER

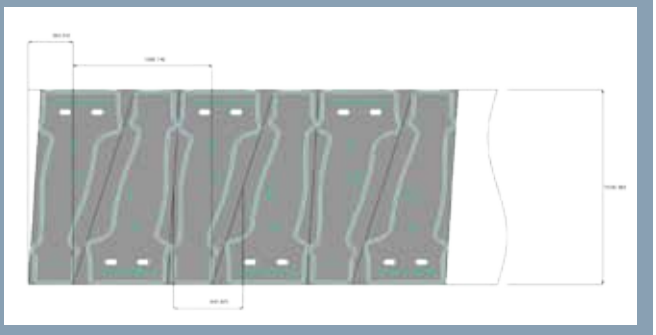
FormingSuite® PROCESSPLANNER is an interactive environment for creating and documenting process plans based on part features such as flanges, holes, and embossments. The process plan describes the processing sequence and the detailed actions in each operation.

Processing rules are used to automatically derive an intial plan and fast intuitive tools enable process customization and optimization.

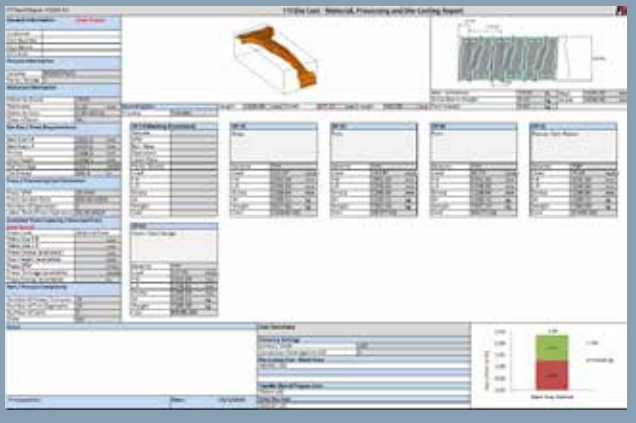
A validation engine ensures that process actions and sequence conform to physical, mechanical, and standard processing rules.

FEATURES

- Uses information from **FASTBLANK®**, **BLANKNEST®**, and **PROGNEST®** to define operations sequence such as forming, peircing, trimming, and cams
- Complexity (severity) of each operation is considered
- Accurate predicition of die load and die energy
- Minimum press requirements such as tonnage, weight, size, shut height are determined
- Uses industry standarized costing methodologies that can be customized to match your company standards
- Sensitivity to rates for die construction, machine, design, and material costs
- Results are provided as hours or cost for the process and for each operation
- Die layout with scrap plan is generated
- Detailed reports include summaries, tonnages, sizes, costs break-down per operation, and complete documentation of the process plan



Nesting Layout for 1-Up Trapezoidal Blank



Detailed Report for Press and Costing Requirements

Die Cost Breakdown

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 components. Since 1989, FTI has provided OEMs and suppliers in the automotive, aerospace, and appliance industries with innovative software and training solutions designed to reduce development time and material costs. FTI has trained over 15,000 engineers in Formability and Die Design and is considered the Best in Class around the world for their industry training programs. FTI and its global network of business partners provide sales and technical support to customers in more than 35 countries.

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