

# PROGNEST

PROGRESSIVE DIE NESTING SOFTWARE

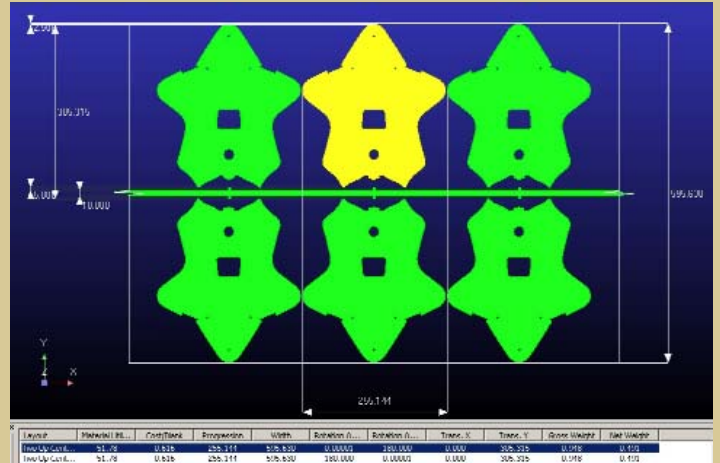
A FORMINGSUITE® MODULE

Optimizes blank layouts for best material utilization in standard 1-up, 2-up, and mirrored progressive die arrangements

Quickly and accurately estimates the progression and coil width requirements

Provides optimized nesting layout for all possible processing layouts

Accurately determines material costs per blank for quoting and estimating



PROGNEST optimizes progressive die nesting layout to improve material utilization and calculate costs

## PROGNEST ENSURE OPTIMAL PROGRESSIVE DIE MATERIAL UTILIZATION THROUGH NESTING OF BLANK SHAPES

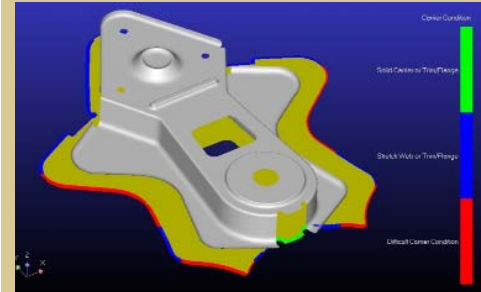


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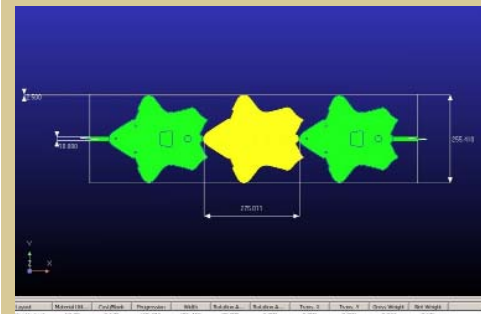
**PROGNEST** is powerful nesting software specifically designed for nesting sheet metal blanks on progressive die strips. It automatically calculates the best progressive nesting layout to optimize material utilization based on coil width and pitch, and other constraints.

## FEATURES

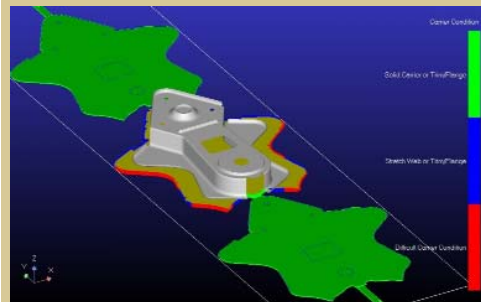
- Produces fully optimized nesting layouts for 1-up, 2-up, and mirrored progressive die configurations
- Constrains progression, coil width, and blank rotation to ensure the layout is compatible with manufacturing equipment
- Calculates accurate cost per blank based on supplied input data and material utilization
- Material cost calculation considers variations in thickness and coil width
- Detailed documentation system produces HTML format reports
- User input for distance between blanks, distance to edge of coil, carrier allowance and carrier width



Identifies locations for solid, stretch web, or difficult carrying conditions



One-up center carrier with material utilization and cost analysis



One-up center carrier with conditions

**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 18 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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**PROGNEST**