

CATNEST

CAA V5
BASED

BLANK NESTING SOFTWARE

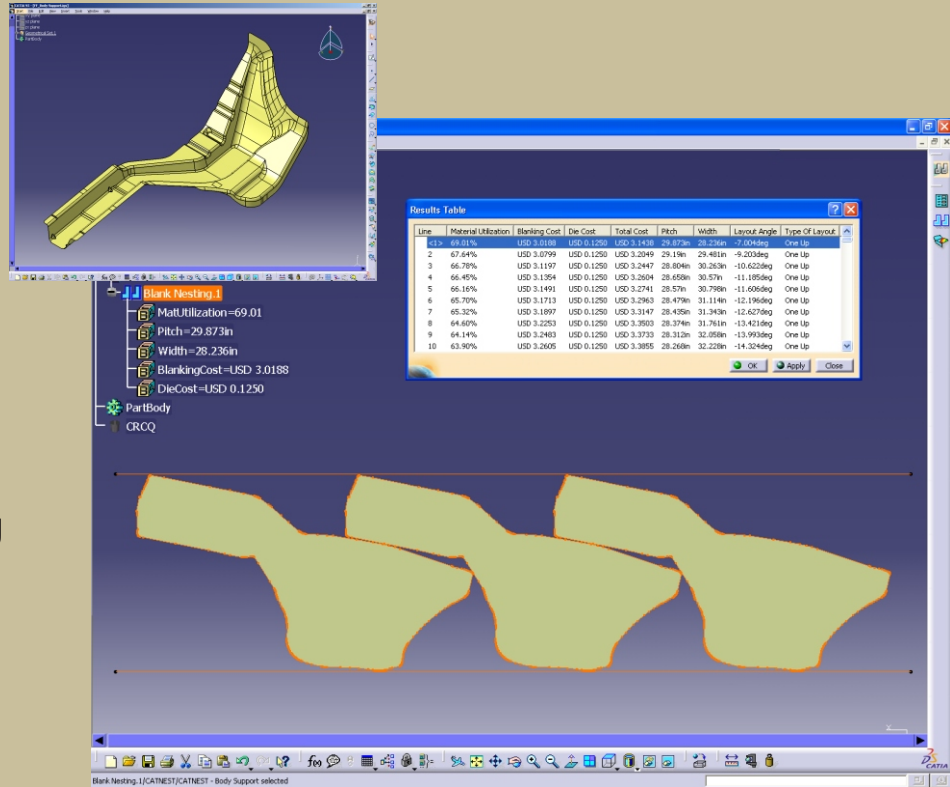
CAA V5-Based Module

Automatically nests for best material utilization for 1-up, 2-up, and cutoff dies

Quickly and accurately estimates the pitch and width requirements

Provides optimized nesting layout for all possible processing layouts

Accurately determines material costs and die costs per blank



Optimize blank nesting to improve material utilization and calculate costs

CATNEST DETERMINES OPTIMAL COIL UTILIZATION THROUGH GEOMETRIC NESTING OF BLANK SHAPES



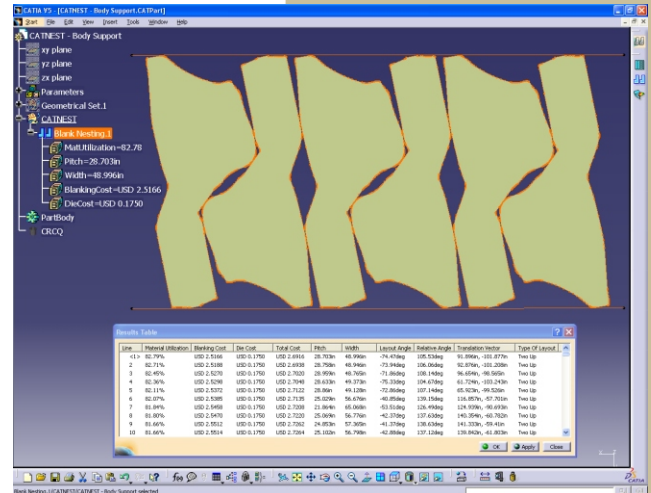
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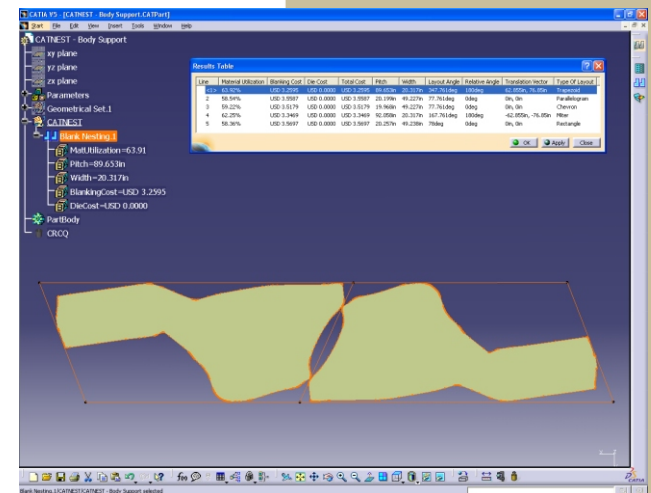
CATNEST is powerful nesting software specifically designed for nesting sheet metal blanks on coils. It automatically calculates the best nesting layout to optimize material utilization based on coil width and pitch constraints.

Features

- Produces fully optimized nesting layouts for cut-off dies, one-up, two-up, and mirrored nesting configurations
- Nests multiple blank shapes in the same layout
- Constrains pitch, coil width, and blank rotation to ensure the layout is compatible with your manufacturing equipment
- Calculates accurate cost per blank based on supplied input data and material utilization
- All results are stored in the standard CATPart file for ease of PLM integration
- User input for part and coil bridge (web)
- User can edit nest layout with standard CATIA V5 tools



Nest in 1-up, 2-up, or mirrored layouts to optimize material utilization



CATNEST will determine the material utilization for standard cutoff die shapes

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. FTI has developed a suite of software to analyze product formability, die design and process feasibility. For the past 16 years, 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. 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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