AutoForm-CostEstimator

Software for Estimation of Tooling Costs Early On in Cost and Value Engineering, During Procurement and Bidding

- Quantified cost impact of alternative stamping processes on tooling costs
- Rapid estimation of tooling costs based on CAD part data and stamping process
- Consistent and reliable cost estimates in minutes
- Full graphic-based 3D approach using CAD part geometry
- Automatic detection of cost-relevant part geometry features

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AutoForm-CostEstimator

Intelligent Part-Based Calculation for Reliable Cost Estimates

AutoForm-CostEstimator is designed for OEMs and suppliers to estimate tooling costs early on in cost and value engineering, during procurement and bidding. It enables users to rapidly calculate tooling costs for sheet metal parts by allowing them to consider alternative stamping processes and detailed cost tracking.

AutoForm-CostEstimator offers an innovative approach for calculating tooling costs based on 3D-CAD part geometry. The software automatically assigns each part feature (drawing area, flanges, holes, etc.) which has an impact on tooling costs to a production step.

With just a few mouse clicks, AutoForm-CostEstimator calculates tooling costs based on the defined process plan. Therefore, users can systematically evaluate alternative production concepts and rapidly identify the most cost-effective one. The software's speed and ease-of-use help to significantly reduce the time required to estimate tooling costs.

Fully transparent cost structure including cost-tracking-based process plan and corresponding part features

More consistent, more reliable and more rapid – AutoForm-CostEstimator provides tooling cost estimates based on 3D-CAD part data and stamping process

The automatic detection of part geometry features and the costing engine embedded in AutoForm-CostEstimator are ideal replacements for conventional Excel-based worksheets and time-consuming manual calculations.

As an add-on to AutoForm Forming simulations, AutoForm-CostEstimator enables stamping method planners to weigh the relative impact of stamping process decisions related to simulated stamping quality or production repeatability.

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Features & Benefits

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