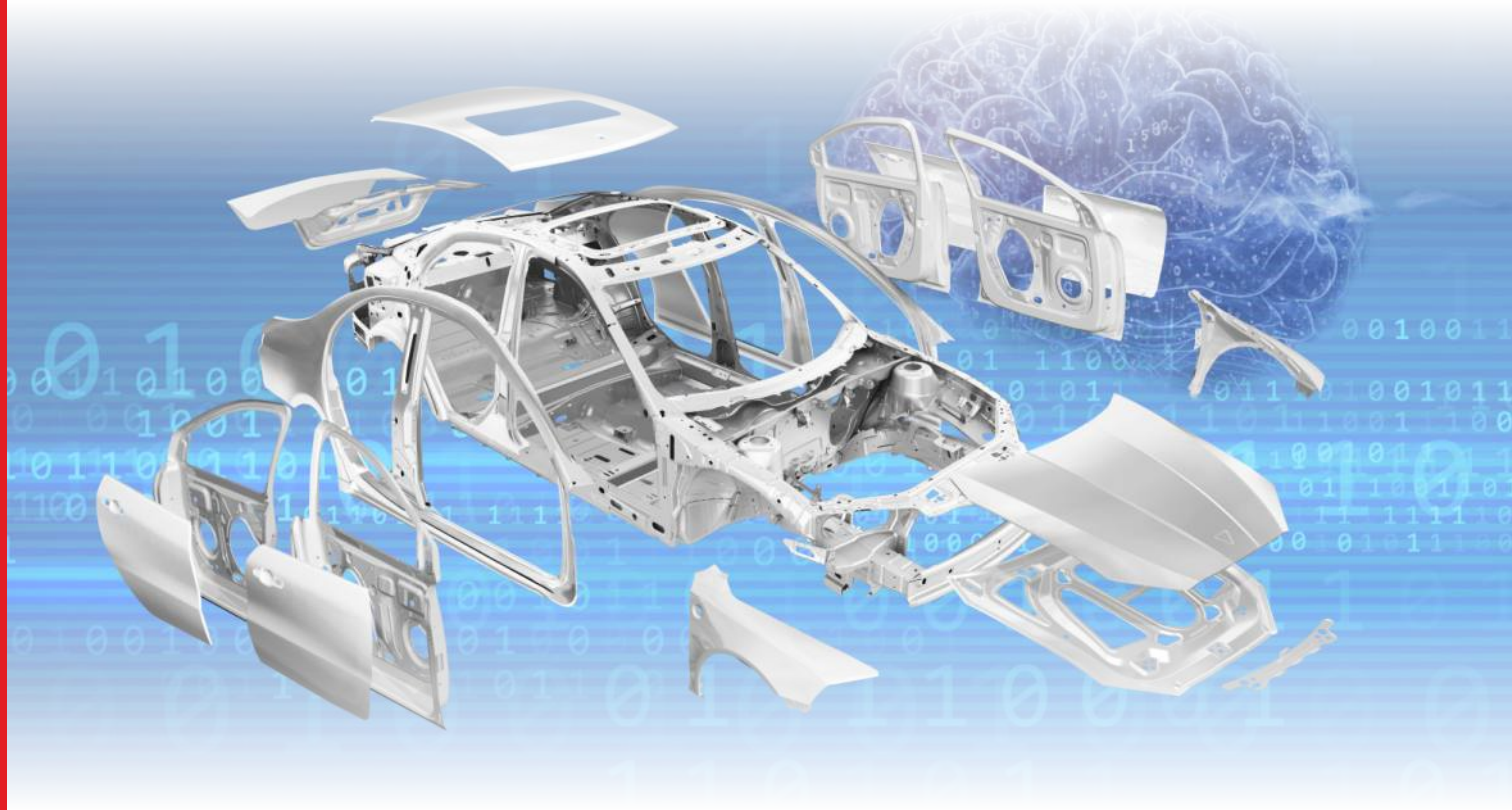
AutoForm-CarBodyPlanner

Web-Based Solution for Feasibility and Optimized Material Utilization



- Increased efficiency through a significant reduction of time required for early cost estimations
- Improved accuracy resulting from reliable estimations powered by smart knowledge engineering
- Tangible cost savings enabled by rapid identification of optimization opportunities
- Consistency and company-specific standardization across all projects and teams
- Enhanced collaboration between teams through cloud offering

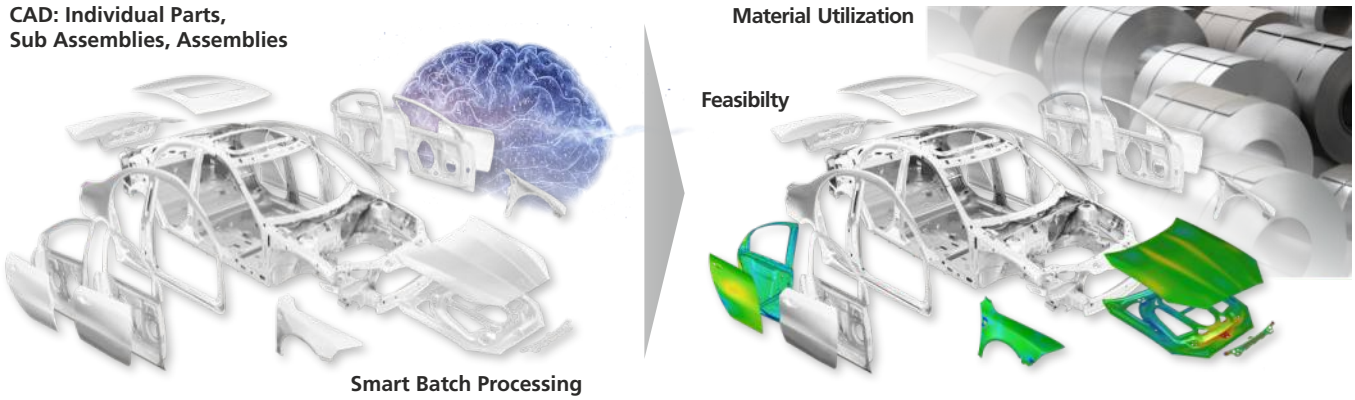
www.autoform.com

AUTOFORM
Forming Reality

AutoForm-CarbodyPlanner

Software as a Service (SaaS) Solution

AutoForm-CarBodyPlanner is a fully web-based solution that enables engineers to quickly evaluate part feasibility and optimize material utilization in the early stages of the BiW process chain. The software is offered exclusively as Software as a Service (SaaS) through AutoForm Cloud.



Traditionally, engineers have conducted part feasibility assessments and material utilization analyses using a time-consuming, part-by-part approach. Depending on the project, this part-by-part approach can take several weeks, or even months to complete. Often, teams must manage a large number of parts under extremely tight deadlines, relying heavily on a few key experts. Ultimately, these challenges create commercial risks for both OEMs and suppliers, affecting profitability and project viability.

AutoForm-CarBodyPlanner enables users to effectively overcome these challenges with its powerful batch processing functionality. This core capability allows users to automatically and simultaneously calculate multiple parts, generating valuable outputs such as formability assessments, blank shapes, and optimal material utilization through blank nesting. The solution fosters seamless collaboration by allowing teams to work with a shared, consistent set of data throughout the project.

In addition, the solution excels in smart automation, enabling accurate prediction of process parameters relevant for the current project. These parameters are extracted from the historical knowledge base using advanced geometry mapping technology, enabling users to seamlessly transfer valuable knowledge and data from past projects into current ones. With these refined inputs, users can run physics-based calculations to estimate formability and material utilization.

What sets AutForm-CarBodyPlanner apart, and enhances the accuracy of its results, is its unique hybrid approach. Unlike systems that depend solely on historical data or rely entirely on physic-based calculations, AutoForm-CarBodyPlanner intelligently combines both. This integration delivers greater accuracy and efficiency in feasibility studies and optimal material utilization.

AutoForm Engineering – Company Offices

Switzerland	Pfäffikon SZ	+41 43 444 61 61
Germany	Dortmund	+49 231 9742 320
The Netherlands	Rotterdam	+31 180 668 255
France	Aix-en-Provence	+33 4 42 90 42 60
Spain	Barcelona	+34 93 320 84 22
Italy	Turin	+39 011 620 41 11
Czech Republic	Praha	+420 221 228 481
Sweden	Stockholm	+31 180 668 255
United States	Troy, MI	+1 888 428 8636
Mexico	Querétaro, Qro.	+52 442 208 8242
Brazil	São Bernardo do Campo	+55 11 4122 6777
India	Hyderabad	+91 40 4600 9598
China	Shanghai	+86 21 5386 1153
Japan	Tokyo	+81 3 6459 0881
Korea	Seoul	+82 2 6332 1150

Publication CP -1-E

AUTOFORM
Forming Reality

Features & Benefits

www.autoform.com