

## Press Release

### Semi-Automatic Results Evaluation in AutoForm<sup>plus</sup> R4

**Wilén b. Wollerau, Switzerland, February 28, 2013: AutoForm Engineering GmbH, the leading supplier of software solutions for the sheet metal forming industry, has developed an innovative concept for the design of stamping processes. The so called issues concept allows for a semi-automatic results evaluation which enables engineers to systematically improve their process designs in less time.**

The newly developed concept for the design of stamping processes is fully integrated in AutoForm<sup>plus</sup> R4. The software allows the engineer to focus on the most important criteria relevant for the quality of stamping and to easily adjust the process parameters in order to achieve a better process design. Each individual area of the simulated stamping is checked and if any result variable within these does not meet the required tolerances and limits, an appropriate issue is generated. The issue is a combination of several result variables and their corresponding tolerances and limits.

AutoForm<sup>plus</sup> R4 facilitates and speeds up the identification of stamping issues, their type and their location. The user is led frame-by-frame to critical areas that require attention, which thereby prevents any possible misinterpretations or oversights. Different colors and icons are available for each of the six issue types, namely splits, wrinkles, draw-in, springback, surface and product performance. All identified issues are saved for the next simulation. After adjusting stamping process parameters and running a new simulation, the issues indicate if the process design and hence the stamping quality has improved. The progression of identified issues can be tracked and quickly compared by using synchronized multi-design views.

Dr. Markus Thomma, Corporate Marketing Director of AutoForm Engineering, stated: "With AutoForm<sup>plus</sup> R4, we provide an innovative concept for the design of stamping processes. Process engineers can now easily evaluate a process design in detail and avoid misinterpretations or oversights in less time. With this new concept, enabling the semi-automatic results evaluation, we remain in line with our customers' needs and provide them with a new and effective approach for the systematic improvement of their process designs."

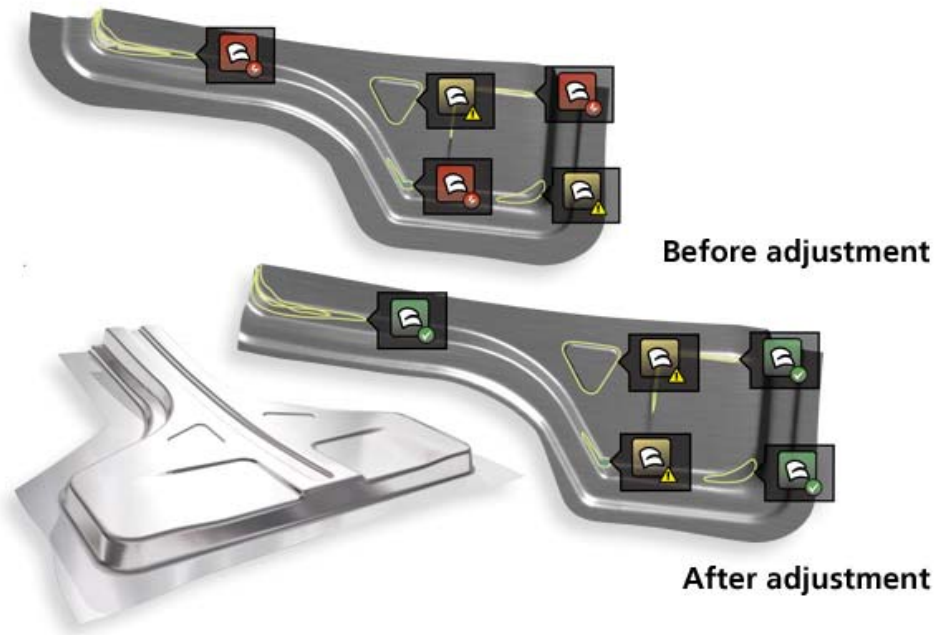
#### **About AutoForm Engineering GmbH**

*AutoForm offers software solutions for the die-making and sheet metal forming industries along the entire process chain. With 250 employees dedicated to this field, AutoForm is recognized as the leading provider of software for product manufacturability, tool and material cost calculation, die face design and virtual process optimization. All of the Top 20 automotive OEMs and most of their suppliers have selected AutoForm as their software of choice. Besides its headquarters in Switzerland, AutoForm has offices in Germany, The Netherlands, France, Spain, Italy, USA, Mexico, Brazil, India, China, Japan and Korea. AutoForm is also present through its agents in more than 15 other countries. For detailed information please visit: [www.autoform.com](http://www.autoform.com)*

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Issue identification: After adjusting stamping process parameters and running a new simulation, the issues indicate whether the forming behavior of a critical area has improved.



With AutoForm<sup>plus</sup> R4, process engineers can easily evaluate a process design and avoid misinterpretations or oversights in less time.

If you need a high resolution image, please contact us.