

AutoForm- AutoComp

Software for Quick Evaluation and Selection of
the Most Effective Compensation Strategy



- ▶ Easy evaluation and comparison of different compensation strategies
- ▶ Adoption of the most effective compensation strategy
- ▶ Minimized risk of later costly changes to tooling or process
- ▶ Compensation loops carried out in the background
- ▶ Automatic control of the tool surface consistency



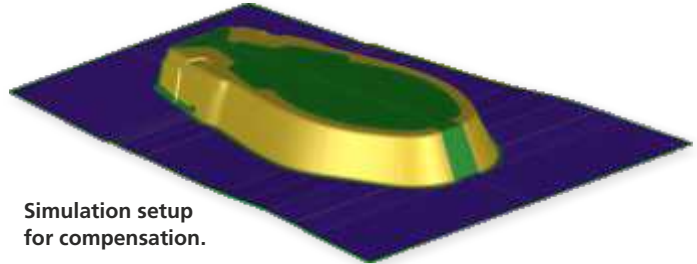
AutoForm-AutoComp

The Most Efficient Compensation Methodology for Successful Springback

With AutoForm-AutoComp, users can quickly evaluate and compare different compensation strategies and then select the one that is best suited to their needs. As a result, the final tool geometry and process setup can be defined efficiently ensuring part geometry within the required tolerances and with a minimum number of correction loops in physical tryout.

With the increasing use of modern materials, such as high strength steels and aluminum, applying the most effective compensation strategy brings tangible benefits to users. AutoForm-AutoComp allows users to quickly evaluate and select the most effective compensation strategy.

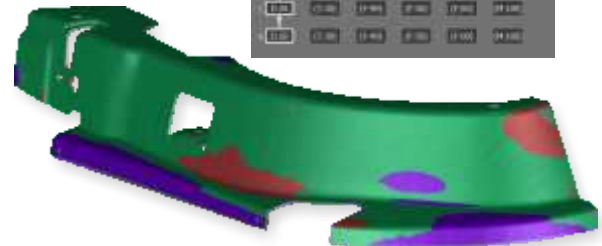
With AutoForm-AutoComp, compensation loops are automatically carried out in the background. Users can select the number of iterations, check their status and immediately visualize them on the screen.



Simulation setup for compensation.



Compensation of the D20 operation based on springback measured after the trimming operation – results are 90% within the tolerance level.



Compensation of the D20 operation based on springback measured after the drawing operation – results are 79% within the tolerance level.

With AutoForm-AutoComp, the final tool geometry and process setup are defined much faster ensuring part geometry within the required tolerances and with a minimum number of correction loops in tryout.

The effective implementation of AutoForm-AutoComp results in improved planning reliability in die development, tool shop and tryout as well as minimized risk of later, costly changes to tooling or processes.

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

© 2024 AutoForm Engineering GmbH, Switzerland.

"AutoForm" and other trademarks listed under www.autoform.com or trade names contained in this documentation or the Software are trademarks or registered trademarks of AutoForm Engineering GmbH. Third party trademarks, trade names, product names and logos may be the trademarks or registered trademarks of their respective owners. AutoForm Engineering GmbH owns and practices various patents and patent applications that are listed on its website www.autoform.com. Software and specifications may be subject to change without notice.

Publication AC-3-E



AUTOFORM
Forming Reality