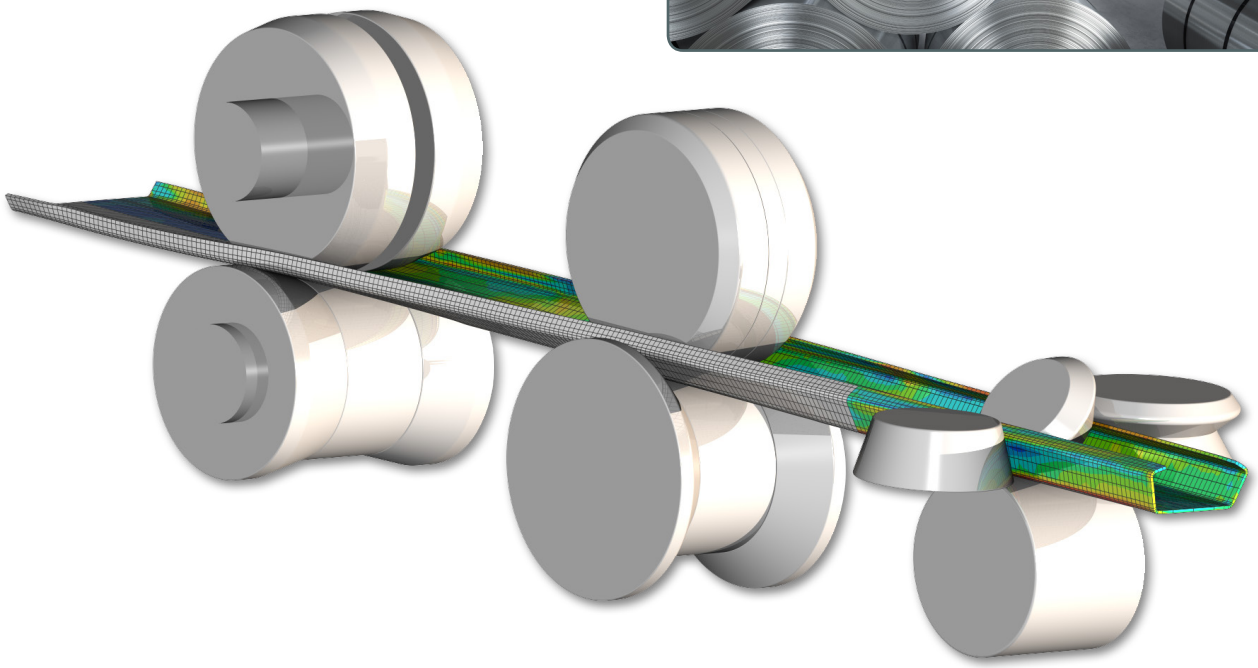
COPRA® FEA RF 2023.2

Release Notes

COPRA® Finite Element Analysis for Roll Forming



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COPRA® FEA RF

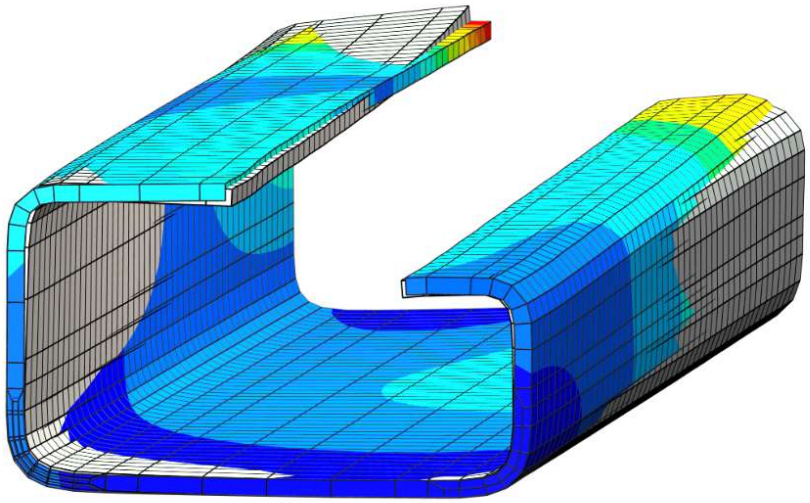
What´s new in version 2023.2

With over 25 years of FEA simulation experience in research and industry our specialists have contributed to the COPRA® FEA RF continuous improvement. The new 2023.2 focus on fixing issues to ensure the continuous improvement of the software and a more robust basis for the developments to come and introduces new post-processing tools to better investigate end flare in roll forming processes.

NEW

Post-Processing Tools to Investigate End Flare:

Roll forming induces residual stresses which are then released during the cutting process of the profile, causing the profile ends at the cut-off to undergo additional deformation.
COPRA® FEA RF 2023.2 introduces the possibility to display the geometrical differences between the profile before and after the cutting process by means of contour and vector plots.
This new set of post-processing tools helps designers to better understand and visualize end flare defects in the profile.



IMPROVED

Improved support for high-resolution monitors:

Copra FEA RF graphical user interface support for high resolution monitors has been improved. The software is now able to correctly scale and make its appearance consistent regardless of the resolution of the monitor at use.

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Additional Developments and Notes

+ *Dark Theme introduced to all types of COPRA® FEA RF plots*

+ *Marc/Mentat 2023.1 Included (also for COPRA® FEA RF WireRolling)*

+ *Improved Software Stability and Usability*

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