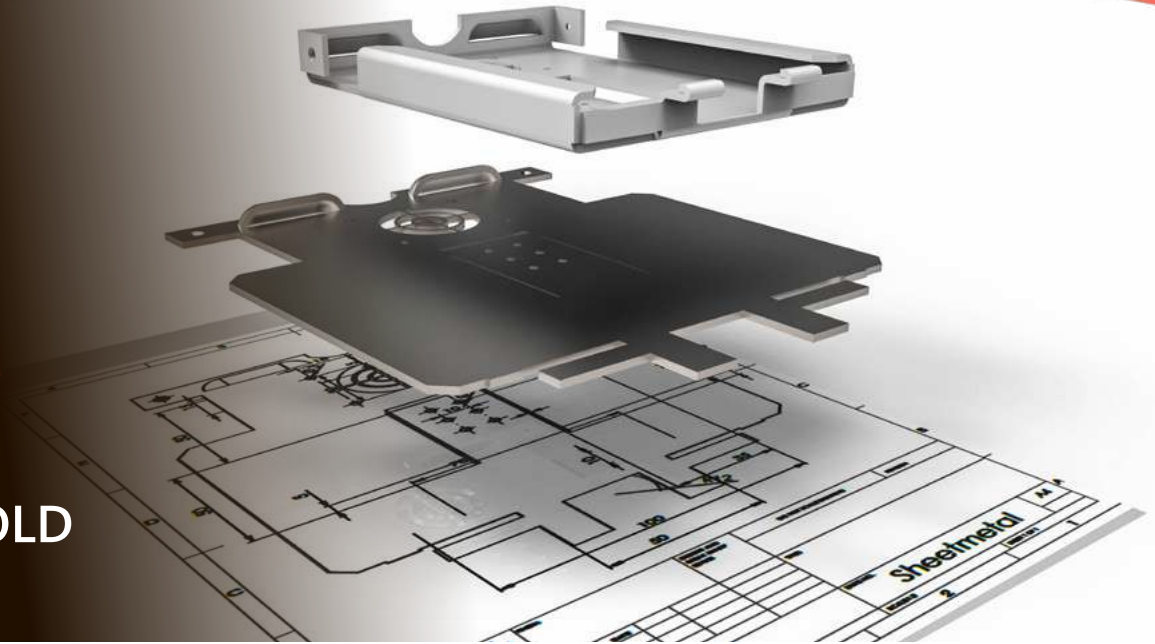




SigmaUNFOLD



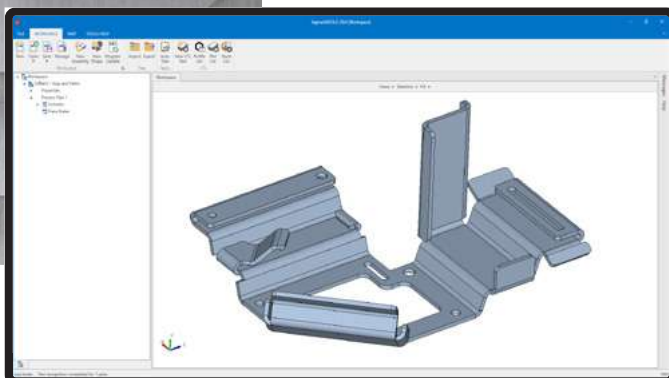
Industry-Leading
Unfolding
Technology
Working for You

+ Real-World, K-Factor Calculation

SigmaUNFOLD empowers you to recognize sheet metal bend features in a 3D body and flatten the part using accurate K-factor based calculations, which ensures a realistic, real-world representation of the part in software. Assemblies and parts can be processed individually or simultaneously allowing for complete workflow management.

+ Flexible Integration

Unfolded parts can be directly manipulated in the same interface for cutting and bending operations without need to export and re-import, reducing programming time and improving accuracy.



- Easily handle parts with 3D features
- Unfold closed shapes with automatic detection and slit cut placement
- Rule-based K-factor, bend allowance and bend deduction values

✚ Comprehensive Unfolding

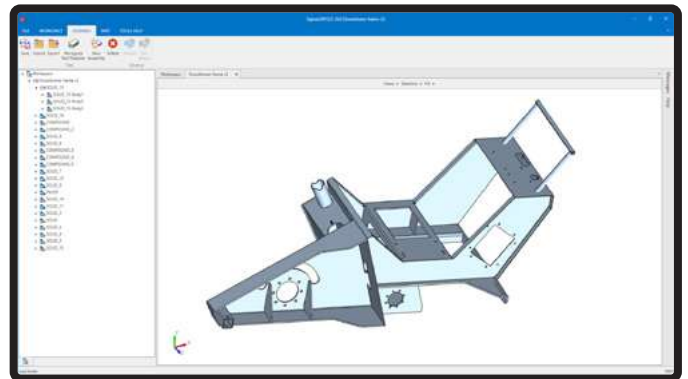
- Work with single parts, assemblies, or the entire workspace offering complete flexibility
- Edit bends directly and adjust the bend radius with built-in CAD tools
- Easily handles parts with 3D features like multi-depth pockets, bevels, louvers, and bends
- Unfold closed shapes (like tubes) with automatic detection and slit cut placement

✚ Adaptive Preferences

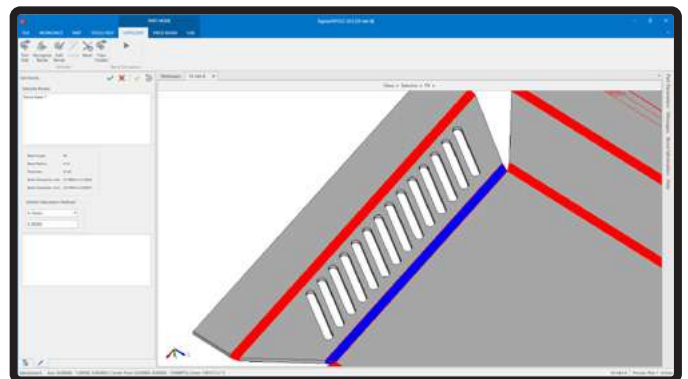
- Rule-based K-factor, bend allowance, and bend deduction values let you choose how to unfold
- Shared editable database of materials ready-to-use for all connected users

✚ Integrated and Automated

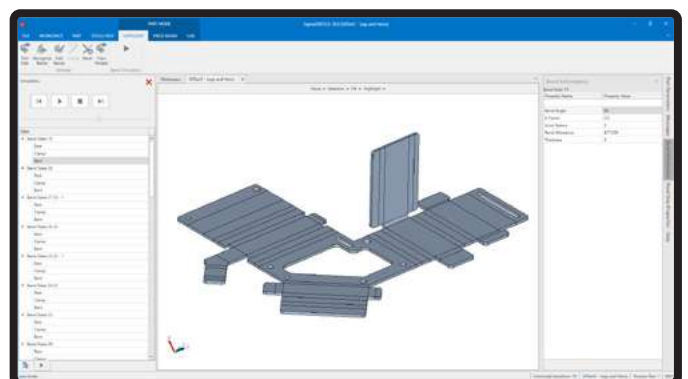
- Non-interactive and 3D interactive unfolding workflows available directly inside SigmaNEST
- Supports major CAD formats preserving important model data
- Leverage batch commands for fully autonomous unfolding and flat pattern export



Complex shapes or assemblies



Adjust bend allowance according to K-factors



Step-by-step visual inspection