

DYNAFORM 6.0

Release Notes 01/2020

Dynaform 6.0 is the sixth-generation product. It provides a user-friendly and intuitive interface with its streamlined design. The analysis process is fully based on the stamping process, which requires less CAE knowledge, and minimum geometry and element operations.

Significant Enhancements

1. Modern interface with user-friendly operations.
2. Icons grouping for the drop menu functions.
3. Separate and independent applications.
4. Unified Pre- and Post-processing.
5. Supported large forming simulation models.
6. Supported multiple documents.
7. Supported multiple views.
8. Common Geometry Manager which manages all imported geometry such as lines, surfaces and mesh for Blank Size Engineering (BSE) and Formability Simulation (FS) applications.
9. Generic material library with common material parameters.
10. Supported shortcut keys.
11. Tree structure to manage BSE and FS tasks.
12. Supported process wizard in BSE to enable simple BSE setup.
13. Supported Advanced BSE setup.
14. Supported to generate the nesting results of multiple rows on Coil.
15. Definition of sheet forming process based on the stamping process.
16. New geometry bead interface in FS to support generation of complicated bead shape
17. Geometry Bead Shape Library: Easy to input and save the user-defined bead shape.
18. Simulation Data Manager: Manage multiple simulations in one database.
19. New Interface and Process in Job Submitter 2020.
20. New ETA Report plug-in to support automatic generation of formability report.