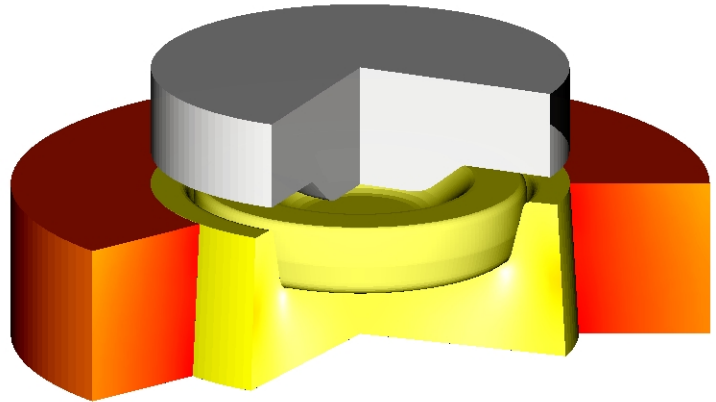


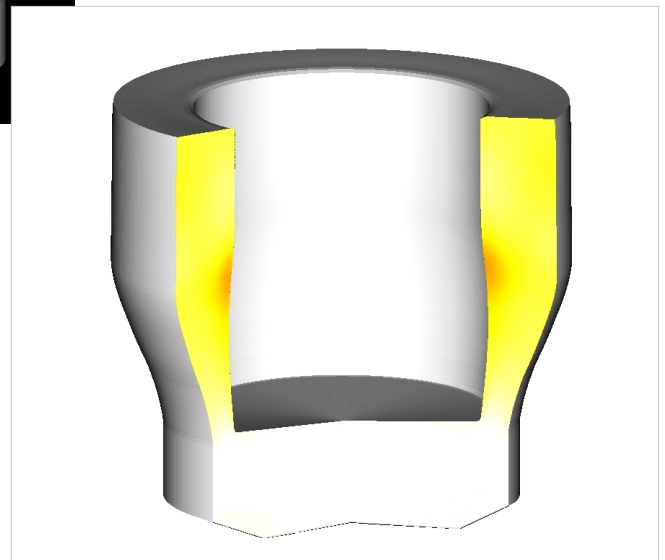
DEFORM™-TOOLS



DEFORM™-TOOLS is an add-on module that enhances the display and productivity of the DEFORM™ Systems. DEFORM™-TOOLS includes:

- a presentation editor that assists in developing professional quality presentations for management review, training or marketing purposes, and incorporates animations from DEFORM™ simulation results;
- a simulation queue that facilitates the execution of several simulation jobs in sequence; and
- a customized postprocessor capable of displaying two-dimensional simulations in three-dimensional perspective.

DEFORM™-TOOLS can display a deformation sequence in animation form or frame-by-frame as shown in the sequence above and to the right. The three-dimensional display makes the simulation results easy to understand. The top right shows the result of a die stress analysis in the 3D postprocessor.



DEFORM™

Design Environment for FORMing

DEFORM™ - TOOLS

Technical Product Specifications

- The simulation queue allows multiple problems to be prepared for simulation and run sequentially without manual intervention. It allows the management of the simulation jobs including the problems to be analyzed, order of simulation and simulation start time. At the conclusion of simulation, a log file summarizes all activities including the starting and ending time for each simulation.
- The presentation editor allows users to prepare professional quality presentations from DEFORM™ animations, company logos, scanned images and other sources. The presentation editor can display PNG (Portable Network Graphics), BMP (WINDOWS Bit Map) and AVI (PC audio-visual) files interchangeably. Pauses by user specified time or waits (for a mouse click) may be included at any point during the presentation. A utility is provided to convert files between BMP and PNG format to allow files from many sources to take advantage of the powerful compression provided by PNG. It is also possible to include sound in the presentations using popular formats.
- Completed presentations can be displayed using a presentation player that may be distributed to sales staff, customers or other staff members for training, marketing and presentation purposes.
- The 3D postprocessor provides a three-dimensional image of two dimensional axisymmetric and plane strain simulations. Axisymmetric simulations can be displayed as solid geometry revolved about the center line. Plane strain simulations may be graphically displayed as extruded sections.
- The 3D postprocessor includes the display of field variables, transparency and wide range of animation outputs. Animations can be created with user control of output format, number of colors and resolution.

~ Product specifications may vary slightly between systems ~

DEFORM™ is a registered trade mark of Scientific Forming Technologies Corporation. SFTC reserves the right to alter the product, price and/or computer system specification at any time without notice. The SFTC software license agreement, including terms and conditions of software purchase or lease will be applicable. A perpetual license is subject to a maintenance fee for upgrades and ongoing support.

DEFORM™-TOOLS System Specifications

- The DEFORM™-TOOLS presentation editor runs on personal computers under the WINDOWS 95/98/ME and WINDOWS XP/2000/NT operating systems.
- The 3D postprocessor creates images or animations that can be displayed using a freely-distributable presentation player. This runs on personal computers under WINDOWS 95/98/ME and WINDOWS XP/2000/NT operating systems.
- The simulation queue is activated on one existing DEFORM™ System for each DEFORM™-TOOLS license.

General Information

- Training, support and regular updates are available to DEFORM™ Users.
- DEFORM™ Users Group meetings are held regularly.
- Consulting and contract research are available.

For more information, call or write:

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