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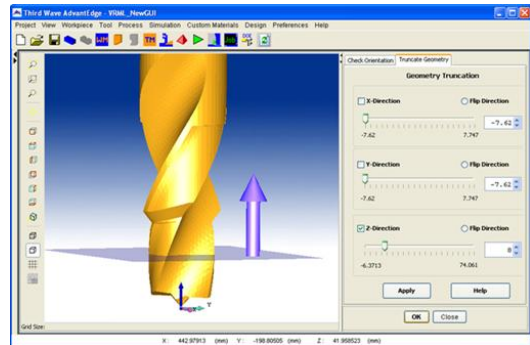
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FOR IMMEDIATE RELEASE

Third Wave Systems Announces First Software Release of 2009 AdvantEdge FEM Version 5.3 Arriving February 2, 2009

MINNEAPOLIS, MINN. (15 January 2009) -- Third Wave Systems, Inc. is pleased to announce the release of AdvantEdge FEM version 5.3 on February 2, 2009. AdvantEdge FEM is a materials-based software solution for the optimization of metal machining, and has been an innovative computer aided engineering (CAE) software package since its inception. As part of the Third Wave AdvantEdge suite, AdvantEdge FEM provides validated, detailed information about heat flow, temperatures, stresses, tool life, and surface characteristics for machining processes.



Among the many new and/or enhanced features in AdvantEdge FEM version 5.3 are:

- New 2D tool mesh previewing feature for easier simulation setup
- New cutter body import for improved chip formation and behavior analysis
- New time-history tracking feature to analyze specific elements during simulation
- New steady state analysis feature for 3D drilling simulations
- New turning tool path import interface
- DXF import capability enhancements for greater control over mesh
- VRML/STL import interface enhancements
- Additional tool and workpiece display options
- Improved parallel performance

(more)

With the release of AdvantEdge FEM version 5.3, Third Wave Systems honors its commitment to providing quality, game-changing process-optimization software to aerospace, automotive, and cutting tool industry leaders. Among the benefits to the AdvantEdge FEM software are:

- increased material removal rates,
- improved tool life,
- predicted chip shape,
- shortened product design cycles,
- reduced trial and error testing, and
- improved part quality through residual stress prediction.

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