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Third Wave Systems Launches Production Module™ 3D at EMO 2005 Hannover

Minneapolis, MN---Third Wave Systems (TWS) is pleased to announce the launch of Third Wave Production Module™, 3D Version, at EMO 2005 in Hannover, Germany on September 14-21, 2005. This mechanistic modeling software accurately predicts cycle time (cut and non-cut time), forces, power, chatter, and torque across the entire tool path. With ISO tooling definition and easy to import CAD and CNC files, this package gives engineers and programmers the ability to reduce cycle time and improve tool life while maintaining part quality by running a number of what-if scenarios offline without interrupting production on the shop floor. The software provides a scientific approach to analyze machining processes, balance machine loads, and improve equipment utilization. Features of the new version of Production Module™ include 3D capabilities, 5-axis milling, turning, and drilling modules, analysis of tool temperatures and pressures, automated NC code optimization, and capability to import solid models and tool paths.

“Customers have been eagerly awaiting the release of Production Module™ 3D”, commented Kerry Marusich, Third Wave President and CEO. “The new capabilities in this package are the result of collaboration with our clients about features critical to performance and results”.

Also at EMO, visitors will have the opportunity to preview Third Wave *AdvantEdge*™ Version 4.7. This pioneering Finite Element Modeling software provides validated, detailed information about heat flow, temperatures, stresses, tool life, and surface characteristics. With an intuitive user interface, machining processes can be easily modeled to dramatically reduce costs and improve machining performance and part quality. New features of Version 4.7 include increased performance, indexable drill, stack up drilling, and face milling modeling, 3D tool wear, STP CAD file import, and brittle material/ceramic material modeling.

Founded in 1993, Third Wave Systems provides machining modeling software and services used by Fortune 500 aerospace and automotive companies to dramatically reduce costs in product design and manufacturing. Headquartered in Minneapolis, MN, Third Wave also has offices in Detroit, MI, Sheffield, UK, and major distribution in Japan and Europe.

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