CADKEY

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NEW PARAMETRIC 3D STAIR MODELING MACRO RELEASED FOR DataCAD

Windsor, CT - Cadkey, Inc. announced the release of a new parametric modeling macro named 3-D Stairs, that works with their A/E/C computer-aided design program, DataCAD.

3D Stairs is a complex macro written in DCAL, DataCAD's compiled programming language. It creates detailed 3-D models of stairs and is fully integrated with DataCAD. The macro is easily accessed from a menu command and adheres to DataCAD's easy to use hierarchical menu structure.

3D Stairs provides a user of DataCAD with seven different predefined stair types: single run, straight, double back, open well, L-shaped, curved, and spiral. A single run stair calculator is included and allows the user to perform "what if" calculations without effecting the current setting of the stair model. Calculations can be computed on: total run length, tread depth, number of treads, total rise, riser height, and number of risers.

Stair components in 3D Stairs, such as landings, risers, handrails, newel posts, etc., can be customized. There are a wide variety of options available that allow a user to design the specific 3D stair type they are visualizing. Stair settings can be entered individually

or in an on-screen Stair form that allows easy review or modification of the selected parameters. These settings can then be saved to a Stair file for future use.

Hidden-line removal operations can be performed on simple or complex stair models. Stair models can also be sent to DataCAD's photorealistic rendering program, Velocity, for high-quality rendered images.

An additional feature is the "quick help" status line. This line displays on-screen when the user positions the cursor on the menu item. It gives the user a brief description of the option and its current settings without having to select it.

The 3D Stair macro was developed under the DataCAD Maintenance Program and is currently being shipped to all DataCAD maintenance customers. Non-maintenance customers interested in 3D Stairs should contact Cadkey, Inc. at 203/298-8888, and ask for A/E/C Sales.

Cadkey, Inc. develops and markets productivity enhancing software for A/E/C and mechanical engineering and manufacturing applications. Products include DataCAD for A/E/C, CADKEY for mechanical design, Cutting Edge for CAM, and CADKEY Analysis for structural and thermal engineering analysis. There are over 90,000 Cadkey, Inc. software products in use worldwide.

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