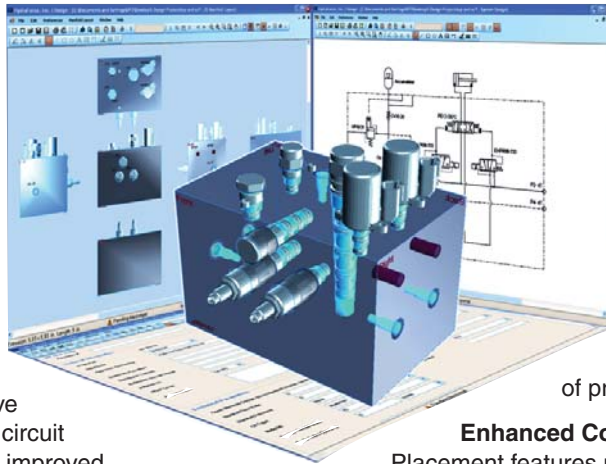


• • • • • **TECHNICAL SERVICES BULLETIN** • • • • •

i-Design V.2 will no longer be supported after June 1, 2010

HydraForce will no longer support i-Design V.2 as of June 1, 2010. If you would like to continue receiving valve library, STP model, and pricing key updates, you must convert to i-Design V.3.

HydraForce released i-Design V.3 in July of 2009. This program has various enhancements that are not available to i-Design V.2 users, including a 3D manifold modeling feature, superior 2D manifold layout tool, comprehensive design rules to aid with integrated circuit layout, a dynamic pricing tool, and improved graphics. You can easily convert any i-Design V.2 file into an i-Design V.3 file by simply selecting "Convert to 3D Environment" in the File Menu.



Manifold Sizing Wizard:

This feature will give you an estimated block size once all of the components and ports have been positioned. The Sizing Wizard gives the circuit designer the freedom to manipulate the manifold design with the customer prior to submitting it to HydraForce. This can reduce the number of approval drawing iterations, thereby reducing the lead-time of prototype manifolds.

Enhanced Component Placement:

Placement features now allow you to flag and pin components to a particular face or surface of a manifold. Counterbore depth and diameter tools have been added, as well as a component preferential location, angle and surface selection menu.

OVERVIEW OF IMPROVED FEATURES:

New 3D Manifold Tool: Now you can design, build and view a personalized manifold, in real-time, using 3D models of the same valves used to create your system schematic.

Interference and Transparent Viewers: 2D and 3D manifold layout tools have been enhanced to assist in the proper placement of manifold components. This will allow you to view valve placement discrepancies and component interferences prior to submitting the manifold project.

Manifold Pricing: Pricing was enhanced in the manifold pricing calculator to reflect feature costs more accurately. The tool now accounts for complexity, material size, and machining time. If you are an authorized user, the "Get Total Price" feature gives you real-time manifold cost without having to generate a report.

System Requirements:

- Windows XP or Vista
- 1 GHz Processor
- 128MB of RAM + requirements for XP (128MB) or + requirements for Vista (1GB)
- 460MB of Hard Disk Space
- 128MB of graphics memory minimum

For more information, or to receive a copy of the HydraForce i-Design software, please contact us:

i-Design Help Desk Toll Free at 1-800-682-6875 or e-mail us at iDesignHelpDesk@HydraForce.com

HydraForce is dedicated to innovation, quality and superior technical support in order to provide our customers with the most competitive high-performance system solutions in the industry.

Please see www.hydraforce.com for additional product information, or contact your HydraForce representative for assistance.

HYDRAFORCE, INC.

500 Barclay Blvd. • Lincolnshire, IL 60069 USA
Ph: 847 793 2300 • Fx: 847 793 0086
Web: www.hydraforce.com • E-Mail: sales@hydraforce.com
ISO 9001 & QS 9000 • Member: National Fluid Power Assn.

HYDRAFORCE HYDRAULICS, LTD.

St. Stephens Street • Birmingham B6 4RG England
Ph: 0121 333 1800 • Fx: 0121 333 1810
Web: www.hydraforce.com • E-Mail: sales@hydraforce.com
ISO 9001 & ISO 14001 • Member: British Fluid Power Assn.