Rexroth CNC simulator provides training, testing and development options for drilling, turning and milling

Powerful PC-based demo software supports CNC training, simulation, testing and transfer of CNC programs for drilling, turning and milling applications

The IndraMotion MTX micro Trainer from Bosch Rexroth gives machine operators the ability to simulate, develop, test and transfer CNC programs – all from a personal computer without disrupting production.

Available as a free download from www.boschrexroth-us.com/MTXmicro, this easy-to-use software package provides a machine-like representation of Rexroth’s IndraMotion MTX micro CNC user interface.

Designed for tool operators, machine builders, instructors and students, the training software offers realistic operation and programming capabilities for milling, turning and drilling sequences, independent of any machine tool hardware. The program runs on Microsoft Windows® XP or Windows 7 operating systems with no licensing required.

Part of the company’s IndraMotion MTX platform, the MTX micro is Rexroth’s low-cost compact CNC solution for standard machining applications. It consists of a compact HMI interface and a powerful multi-axis drive controller with performance CNC and PLC control.
Press Release

The MTX micro Trainer can be used independently, or to support the development and optimization of an MTX micro CNC system control. Users can choose between pre-configured lathe and milling machine scenarios. The software includes features and simulation sequences drawn from Rexroth's in-depth experience developing robust CNC platforms.

Trainees can use this CNC trainer to set up and operate a wide range of functions, correct errors and test their skills on simulations - all without interrupting machine production. Users can practice configuring the tool list, plot tool movement in various views and develop greater familiarity and efficiency with CNC tools.

As a development resource, operators can use it to simulate sequences and to test and debug programs and fixes in a realistic environment, helping to streamline CNC program development offline.

CNC programs can also be imported, modified and exported after testing and fine-tuning. The sample milling and turning demo programs can be used to create workable CNC programs. Built-in help systems for operation and NC-functionality, g-codes and cycles are also available.

For those seeking to purchase a compact CNC system, the MTX micro Trainer is also useful for previewing the features and capabilities of Rexroth’s IndraMotion MTX micro CNC platform.

To learn more about Rexroth’s IndraMotion MTX micro Trainer and the company's compact CNC platform for turning and milling, visit www.boschrexroth-us.com/MTXmicro.

For a list of specifications as well as available features and accessories please visit www.boschrexroth-us.com

Windows is a registered trademark of Microsoft Corporation in the United States and other countries.

Bosch Rexroth AG is one of the world’s leading specialists in the field of drive and control technologies. Under the Rexroth brand name, the company supplies more than 500,000 customers with tailored solutions for driving, controlling, and moving. Bosch Rexroth is a partner for Mobile Applications, Machinery Applications and Engineering, Factory Automation and Renewable Energies. The company provides customized solutions tailored to the needs and specifications of each individual market. As The Drive & Control
Press Release

Company, Bosch Rexroth develops, produces, and sells components and systems in over 80 countries. As part of the Bosch Group, Bosch Rexroth and its 38,400 associates generated approximately 6.4 billion euros ($8.9 billion) in revenue in 2011.

To learn more, please visit www.boschrexroth-us.com.

In the U.S., Canada and Mexico, the Bosch Group manufactures and markets automotive original equipment and aftermarket products, industrial drives and control technology, power tools, security and communication systems, packaging technology, thermotechnology, household appliances, solar energy, healthcare telemedicine and software innovations. Having established a regional presence in 1906, Bosch employs over 22,500 associates in more than 100 locations, with sales of $9.8 billion in fiscal year 2011, per preliminary figures. For more information, visit www.boschusa.com.

The Bosch Group is a leading global supplier of technology and services. According to preliminary figures, more than 300,000 associates generated sales of 51.4 billion euros ($71.5 billion) in the areas of automotive and industrial technology, consumer goods, and building technology in fiscal year 2011. The Bosch Group comprises Robert Bosch GmbH and its more than 350 subsidiaries and regional companies in some 60 countries. If its sales and service partners are included, then Bosch is represented in roughly 150 countries. This worldwide development, manufacturing, and sales network is the foundation for further growth. Bosch spent more than 4 billion euros ($5.5 billion) for research and development in 2011, and applied for over 4,100 patents worldwide. With all its products and services, Bosch enhances the quality of life by providing solutions which are both innovative and beneficial. Further information is available online at www.bosch.com and www.bosch-press.com.

# # #