Rexroth Expands Non-Contact Transfer Units to Include High-Grade Polymer Version
► Addition to standard aluminum version
► Ideal for food and beverage industry applications

Rexroth’s NCT units operate according to the Bernoulli principle and solve the most difficult handling problems, even in the food industry.

The Non-Contact Transfer (NCT) unit from Rexroth is a unique picking device that operates on the Bernoulli principle, which applies airflow under the device to create a vacuum and lift force between the center and circumference. The line is now expanded to include a high-grade polymer version.

(Lexington, KY – www.boschrexroth-us.com/brp) In the last few years, the NCT transfer system has solved many customer problems associated with how to effectively handle materials that are porous, delicate, or have rough or soft surfaces. Now, in addition to the standard aluminum version, the NCT is available in PEEK (Polyetheretherketone), a high-grade polymer. The material expands the potential applications of the NCT to areas where aluminum components are not suitable. Resistance to chemicals, conventional solvents, acids, salts and oil are properties that make this new version of the NCT an ideal handling component for both the packaging and food/beverage industries. FDA- and EG-approved materials guarantee the safe use of these components, even in direct contact with food products. A low friction coefficient and high resistance to wear ensure a long service life and hygienic handling.

The Rexroth NCT unit provides a solution to many handling challenges where suction cups are not feasible because good contact cannot be made with an
object’s surface. Another advantage of the NCT is that a machine with mechanical grippers can be easily converted to the NCT, since it does not require a vacuum generator, unlike other devices that operate using vacuum pressure. The NCT series is available in four sizes accommodating lift capacities up to 2 pounds (0.9 kg) each, and multiple NCTs can be used together for lifting larger weights.

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 Company, Bosch Rexroth develops, produces, and sells components and systems in over 80 countries. As part of the Bosch Group, Bosch Rexroth and its 34,900 associates generated approximately 5.1 billion euros in revenue ($6.8 billion) in 2010. To learn more, please visit www.boschrexroth-us.com

The Bosch Group is a leading global supplier of technology and services. In the areas of automotive and industrial technology, consumer goods, and building technology, some 285,000 associates generated sales of 47.3 billion euros ($62.7 billion) in fiscal 2010. The Bosch Group comprises Robert Bosch GmbH and its more than 350 subsidiaries and regional companies in over 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 3.8 billion euros (approximately $5 billion) for research and development in 2010, and applied for over 3,800 patents worldwide. With all its products and services, Bosch enhances the quality of life by providing solutions which are both innovative and beneficial.

###