

Presse Information

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A Pioneering Idea Became a Successful Series Launch

Rexroth Hands 1000th IndraDrive Mi to KHS AG



From left to right: Reinhard Wilzeck (KHS Software Development), Rüdiger Bocklet (Bosch Rexroth AG Sales), Dirk Langanki (Electrical Design and Development Manager at KHS), Steffen Winkler (Food and Packaging Industry Sales Manager in the Electric Drives and Controls business unit of Bosch Rexroth AG)

An 85% reduction in cabling costs and a 70% reduction in switch cabinet volume – still only a pioneering idea two years ago, but now already in use worldwide. “Our innovative drive concept for decentralized machine designs has fully met customer requirements and ensures flexibility and profitability for the user,” confirmed Steffen Winkler from Bosch Rexroth on the handover of the 1000th IndraDrive Mi to representatives of the filling and packaging machine manufacturer KHS AG. The IndraDrive Mi was first introduced in 2005; it went into series production at the start of 2007 and by the end of September 2007 it was already a market success: more than 30 renowned mechanical engineering companies are already using the new decentralized drive concept worldwide.

At KHS, the compact unit consisting of a servo motor and control electronics first proved its worth in extensive tests. “Since then we have delivered the first

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packaging machines to end customers, and our medium-term aim is to equip the large share of our packaging machines with IndraDrive Mi as standard. The introduction of decentralized servo drive technology was the next logical stage in development for us, having already introduced a whole series of completely modular machines made from combinable mechatronic modules from 2000 onwards," reported Dirk Langanki, Electrical Design and Development Manager at KHS AG.

As it has such a small footprint, IndraDrive Mi is the ideal solution for all packaging technology applications in which flexibility and profitability are paramount. Up to 20 ultra-compact Rexroth IndraDrive Mi servo drives can connect users sequentially one after the other via a hybrid cable. This allows cabling costs to be reduced by up to 85% and the switch cabinet volume by up to 70%. IndraDrive Mi has thus broadened the scope for modern, modular machine designs considerably.

Die Bosch Rexroth AG ist einer der weltweit führenden Spezialisten von Antriebs- und Steuerungstechnologien. Für über 500.000 Kunden entstehen unter der Marke Rexroth maßgeschneiderte Lösungen zum Antreiben, Steuern und Bewegen von Maschinen und Anlagen, die in der Industrie- und Fabrikautomation sowie in mobilen Anwendungen zum Einsatz kommen. Als The Drive & Control Company entwickelt, produziert und vertreibt Bosch Rexroth seine Komponenten und Systeme in über 80 Ländern. Das Unternehmen der Bosch-Gruppe erzielte 2006 mit über 29.800 Mitarbeitern einen Umsatz von rund 4,9 Mrd. Euro.

Mehr Informationen unter: www.boschrexroth.com

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