

Press Release

PI 50/08
2008-04-16

CeMAT 2008: Trends in mobile hydraulics at a glance



Rexroth shows the latest developments and trends in mobile hydraulics, with particular reference to environmental impact, energy, function and cost, in hall 25 at CeMAT 2008.

Environmental impact, energy, function and cost: The four hottest topics in the lift truck market are the main focus of Rexroth's trade fair exhibition at this year's CeMAT. Four information blocks summarize the latest developments and trends at the stand of the drive and control specialist in hall 25.

This view of the four important market drivers is reflected in the design of the manufacturer's stand: Each of the information blocks is displayed in a walk-in glass cube, measuring 3x3 meters, which explains the current status of the technology using product examples and interactive presentations. In the environmental impact cube, the Advanced Forklift Truck Management (AFM) shows how harmonized sub-systems increase the energy efficiency of lift trucks. Using the AFM concept, the engine, travel drive and implement hydraulics work together specifically to reduce power consumption and emissions.

On the topic of energy, Rexroth shows how closed-center load-sensing systems optimize the energy efficiency of a lift truck using a variable pump. A full driving cycle is used to determine the energy requirements of the steering, travel drive and implement hydraulics at the various phases and thus shows the overall savings potential.

Contact for journalists:
Bosch Rexroth AG
Wiebke Wittschen
97814 Lohr am Main
Phone +49 (0) 93 52 - 18-15 73
Fax +49 (0) 93 52 - 18-11 90
wiebke.wittschen@boschrexroth.de

For product-specific queries:
Olaf Marshall
Phone +49 (0) 73 08 - 81 70 - 22 62
Fax +49 (0) 73 08 - 81 70 - 26 83
olaf.marshall@boschrexroth.de

Press Release

PI 50/08
2008-04-16

The cube for the function market driver sheds light on flow sharing (LUDV). This control guarantees a constant power supply to all hydraulic consumers even when the available flow is not sufficient. In this case, all of the lift truck functions are maintained which increases the performance.

Everything revolves around cost in the final cube. Rexroth's Power Packs are an example of ready-to-install, compact units requiring minimum installation effort. Furthermore, the lift truck manufacturers save on both effort and cost for the piping as all of the main components are integrated. Valuable installation space is thus also saved.

Rexroth at CeMAT : hall 25, stand B20

Bosch Rexroth AG is one of the world's leading specialists in the field of drive and control technologies. Under the brand name of Rexroth the company supplies more than 500,000 customers with tailored solutions for driving, controlling and moving machinery used in industrial and factory automation as well as in mobile applications. As The Drive & Control Company, Bosch Rexroth develops, produces and sells components and systems in more than 80 countries. In 2007 Bosch Rexroth AG, part of the Bosch Group, achieved sales of about 5.4 billion Euro with approximately 33,000 employees.

For more information please visit: www.boschrexroth.com

Reader Inquiries:

Olaf Marshall

Phone: +49 (0) 73 08 - 8170-22 62

Fax: +49 (0) 73 08 - 8170-26 83

E-mail: olaf.marshall@boschrexroth.de

Address: P.O. Box, D-89070 Ulm, Germany

Internet: www.boschrexroth.com/brm

Contact for journalists:

Bosch Rexroth AG

Wiebke Wittschen

97814 Lohr am Main

Phone +49 (0) 93 52 - 18-15 73

Fax +49 (0) 93 52 - 18-11 90

wiebke.wittschen@boschrexroth.de

For product-specific queries:

Olaf Marshall

Phone +49 (0) 73 08 - 81 70 - 22 62

olaf.marshall@boschrexroth.de