

PRESS INFORMATION

Bosch Rexroth to exhibit latest technologies for offshore and marine applications at OTC 2024

Mike Thompson | 04/26/2024 | USA | DC24005

Booth demonstrations and special presentations will highlight the latest marine and offshore technologies that combine efficiency, safety, environmental stability, and connectivity at OTC 2024 in Houston.

Bosch Rexroth will join offshore and marine technology experts to showcase the company's latest innovations at OTC 2024 on May 6-9 in Houston. Located at booth 739, Rexroth and Hägglunds displays will show a range of products and solutions that support the offshore technology sector.

At OTC 2024, visitors to the Bosch Rexroth booth will have the opportunity to learn about the company's latest technologies and solutions for marine and offshore applications through interactive demonstrations and presentations of motors and drive systems, electromechanical and electrohydraulic actuators, and more.

Highlights of this year's booth include the 2024 **Spotlight on New Technology** award-winner, Hägglunds Quantum Power – high power with greater economy and sustainability, and our pioneering portfolio of easy-to-use Subsea Electric Actuators (eSEA) to enable the lean electrification of any subsea production system or process valve.

In addition, Bosch Rexroth subsea technology experts Dr. Alexandre Orth and Markus Kubacki will provide two technical / poster sessions at the show. Stop in to see the presentation titled "An Intelligent Drive Solution to Simply Electrify Larger Subsea Valves Such as SSIV" on Monday, May 6, from 11:10-11:28 AM CT – Room 610, and "Lean Subsea Electric Actuators for Linear Gate Valves" located in the ePoster Lounge on Tuesday, May 7, from 9:30 AM – 2:30 PM CT.

Other key booth exhibits at OTC 2024 include:

The 2023 Spotlight on New Technology winner, Subsea Valve Actuator (SVA R2) is the world's first electric actuator that can replace conventional hydraulic cylinders with proven safety technology and without taking up additional space.

The 2023 Spotlight on New Technology winner, Hägglunds Atom comes bundled in an extremely compact design that withstands harsh environments and mounts right on the shaft. Fully marine adapted, the atom is a powerhouse in miniature, unleashing a maximum torque of 13.6 kNm at speeds of up to 400 rpm, ideally suited for marine equipment such as winches, thrusters, dredgers and subsea mining.

Rexroth will also be unveiling the latest electrohydraulic drive system for hydrogen, to be used in conjunction with gaseous Hydrogen boosters and liquid Hydrogen cryogenic pumps. The Bosch Rexroth drive portfolio includes highly-efficient complete systems in the form of servohydraulic axes (SHA). These particularly compact solutions concentrate a variable-speed drive comprising a servo motor, hydraulic pump, control block, synchronous cylinder and minimal oil volume in a

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very small space. Customer-specific compressors are mounted on the cylinder itself, and can be used with both Hydrogen and other types of gases.

Rineer vane motors provide high torque at start and stall and flat torque throughout the entire speed range. The “vane-crossing-vane” design provides optimum power-to-weight ratio, smooth output over a wide speed range and maximum torque at zero rpm.

The Rexroth Service portfolio is designed to ensure you get the most from the solutions you use in your system. The availability of spare parts, overhauls, field service, and technical support is guaranteed, as standard, not only for all products in the current portfolio, but also for a period of 5+ years beyond the active sales phase. Our emergency and on-site services are also there for you 24/7. Find us at www.buyrexroth.com.

For more information, visit www.boschrexroth-us.com/otc. OTC attendees are invited to visit booth #739 to learn more, directly from Rexroth’s experts.

Discover Bosch Rexroth’s advanced technologies for offshore and marine applications at the Offshore Technology Conference (OTC) 2024.

Basic Information Bosch Rexroth

As one of the world’s leading suppliers of drive and control technologies, Bosch Rexroth ensures efficient, powerful and safe movement in machines and systems of any size. The company bundles global application experience in the market segments of Mobile and Industrial Applications as well as Factory Automation. With its intelligent components, customized system solutions, engineering and services, Bosch Rexroth is creating the necessary environment for fully connected applications. Bosch Rexroth offers its customers hydraulics, electric drive and control technology, gear technology and linear motion and assembly technology, including software and interfaces to the Internet of Things. With locations in over 80 countries more than 32,000 associates generated sales revenue of around 7.0 billion euros in 2022.

Basic Information Bosch

The Bosch Group is a leading global supplier of technology and services. It employs roughly 421,000 associates worldwide (as of December 31, 2022). The company generated sales of 88.2 billion euros in 2022. Its operations are divided into four business sectors: Mobility, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group’s strategic objective is to facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is “Invented for life.” The Bosch Group comprises Robert Bosch GmbH and its roughly 470 subsidiary and regional companies in over 60 countries. Including sales and service partners, Bosch’s global manufacturing, engineering, and sales network covers nearly every country in the world. The basis for the company’s future growth is its innovative strength. At 136 locations across the globe, Bosch employs some 85,500 associates in research and development, of which nearly 44,000 are software engineers.

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