

PRESS INFORMATION

Häggglunds wins the Spotlight on New Technology™ Award from the Offshore Technology Conference (OTC 2023)

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The award-winning Atom motor from Häggglunds has a maximum power in minimum space and is used for mobile, maritime and recycling applications.

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Häggglunds won the Spotlight On New Technology Award from the Offshore Technology Conference (OTC 2023) for the Atom motor which is the world's most compact powerful gearless drive that can be used to convert electric energy or diesel power to rotary motion. With compactness, reliability and long service life, the Atom supplies not only more revolutions per minute, but also far more power than motors of similar size.

The Häggglunds Atom is a powerhouse in miniature, with a maximum torque of up to 13.6 kNm and an outer diameter of only 350 mm. It has a maximum speed up to 400 rpm, depending on frame size. All sizes allow maximum pressure up to and including its maximum speed, meaning an output power of up to 394 kW – with a motor weight of 52 to 102 kg.

To build up efficient machines required for a sustainable energy transition, the Atom contributes by reducing the equipment size and weight, without compromising motion accuracy or dynamic but reducing the energy consumption, downtime, and overall emissions.

The Häggglunds Atom is suitable for mobile, maritime and recycling applications. The compact and lightweight motor fits easily on a winch on land or at sea, for example. Besides its peak pressure of up to 420 bar lets it deal easily with shock loads. That opens the door to smaller shredders and other machines in tough and unpredictable applications.

We are very excited to received recognition for the third year in a row. In 2021 Bsoch Rexroth won for our High Force and Low Voltage Subsea Valve Actuator (SVA) to enable the implementation of the ALL SUBSEA FACTORY in BROWN Fields, and in 2022 for our SVA R2 – The world´s first electric Subsea Valve Actuator with safety by springs, as compact as hydraulic actuators.

For more information: www.boschrexroth-us.com/hagglundsatom

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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 Applications, Machinery Applications and Engineering, and Factory Automation. With its intelligent components, customized system solutions 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 31,000 associates generated sales revenue of around 6.2 billion euros in 2021.

Basic Information Bosch

The Bosch Group is a leading global supplier of technology and services. It employs roughly 402,600 associates worldwide (as of December 31, 2021). The company generated sales of 78.7 billion euros in 2021. Its operations are divided into four business sectors: Mobility Solutions, 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 440 subsidiary and regional companies in some 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. With its more than 400 locations worldwide, the Bosch Group has been carbon neutral since the first quarter of 2020. The basis for the company's future growth is its innovative strength. At 128 locations across the globe, Bosch employs some 76,100 associates in research and development, of which more than 38,000 are software engineers.

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