

PRESS RELEASE

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

For Immediate Use



The award-winning Atom motor from Häggglunds has a maximum power in minimum space and is used for mobile, maritime and recycling applications (Image source: Bosch Rexroth AG)

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

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compromising motion accuracy or dynamic but reducing the energy consumption, downtime, and overall emissions.

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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

About Häggglunds:

Häggglunds stands for groundbreaking direct hydraulic drive technology and unwavering customer focus. Engineered and manufactured in Mellansel, Sweden, Häggglunds hydraulic motors and compact direct drive systems provide superior torque performance, flexibility, and reliability to customers worldwide.

Häggglunds is a brand of Bosch Rexroth, a leading global supplier of drive and control technologies. To learn more about Häggglunds solutions, visit www.boschrexroth-us.com/hagglunds.

About 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. To learn more, please visit www.boschrexroth-us.com.

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