

PRESS INFORMATION

Power package for mobile applications

Manuela Kessler | 24.10.2022 | Lohr am Main / Germany | PI 044/22

Compactness, reliability and long service life make the new Hägglunds Atom to the ideal motor also for mobile applications



Maximum power in minimum space: Hägglunds Atom hydraulic motor for mobile, maritime and recycling applications.
(Image source: Bosch Rexroth AG)

The smallest of the Hägglunds hydraulic motors from Bosch Rexroth has been transformed: The Hägglunds Atom takes over from the existing Hägglunds CAb – supplying not only more revolutions per minute, but also far more power than motors of similar size. The result is a tiny, power-dense package ideal for mobile, maritime and recycling applications.

The Hägglunds 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.

Ready for tough applications

The Hägglunds 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.

“The Hägglunds Atom is rugged and robust, like our larger Hägglunds motors,” says Wolfram Ulrich, Vice President Sales Hägglunds products and solutions at Bosch Rexroth. “That makes it just as dependable as it is versatile.”

Bosch Rexroth at the bauma in Munich: Hall A3 Booth 327

Basic Information Hägglunds

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

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customers worldwide. Hägglunds is a brand of Bosch Rexroth, a leading global supplier of drive and control technologies. To learn more about Hägglunds solutions, visit www.hagglunds.com

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.

Press Contact

Please get in touch with our Press Contact



Manuela Kessler

Spokesperson
technology topics
+49 9352 184145

Manuela.Kessler@boschrexroth.de