

PRESS RELEASE

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For Immediate Use

Häggglunds to Exhibit Full Range of Motor & Drive Technology at SME MINEXCHANGE 2023

Show demos will highlight power and performance of Häggglunds solutions in booth 2043 at MINEXCHANGE 2023 in Denver, CO



Multiple Häggglunds direct drive systems will be on display offering solutions for key mining applications, including the award-winning Fusion.

Häggglunds will exhibit its full range of industry-leading direct drive hydraulic motors, products and services in booth 2043 at MINEXCHANGE 2023, Feb. 26– March 1, in Denver, CO.

The products and solutions Häggglunds will showcase at MINEXCHANGE leverage the unique characteristics of hydraulic direct drive technology — delivering power directly to the drive shaft with full torque from zero speed and protection from shock loads — to maximize the efficiency and uptime of conveyors, feeders, crushers, drums, bucket wheel reclaimers, kilns and more.

System demonstrations and booth presentations will highlight the unique features Häggglunds technology offers, including:

Torque Control: Direct drives with low speed and high torque can provide full torque from standstill, without time restrictions. Häggglunds hydraulic direct drives can operate continuously throughout their power range up to their rated torque, from zero to full speed.

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Start-Stop-Reverse: A Häggglunds hydraulic direct drive reacts especially quickly due to its very low moment of inertia. They are able to switch automatically from driving to braking mode, and the direction of rotation can be switched quickly by changing the direction of the oil flow.

Shock Load Resistance: Shock loads can damage critical equipment and lead to major unplanned downtimes. With direct drive motors applying power directly to the core of conveyors, crushers and feeders, the direct drive offers a solution without mechanical play and with a low moment of inertia so it can easily withstand vibrations, external shock loads and changing load directions.

Key solutions and technology that will be presented in the booth include:

Fusion Direct Hydraulic Drive: Released in 2022, Häggglunds Fusion won industry recognition two times. The Fusion is a unique drive system that puts everything on the torque arm, from the hydraulic motor and pumps to the cabinet that houses them, making high torque and total reliability available from a single unit – in a footprint that was previously unthinkable.

Atom Hydraulic Motor: Combining the right size with Häggglunds performance, it offers the right fit for mining applications where both compact size and high power density are required. With a maximum torque of up to 13.6 kNm and a specific torque of 40 Nm/bar, the Häggglunds Atom hydraulic motor can supply maximum power of 394 kW, outstripping other motors in its class.

CB Direct Drive Motors: Tough and rugged with a wide range of sizes and displacements, the Häggglunds CB provides the right solution for many heavy-duty applications, such as shredders, feeders and roll mills. It combines space-saving designs with a wide range of sizes and displacements.

Rineer Motors: Bosch Rexroth's Rineer motors offer the highest power density with maximum torque, as well as robustness, even under the most adverse climatic conditions and high dirt loads. Our Rineer motors are frequently used in the mining and construction sectors, on drilling and winch applications.

In addition to those exhibits, booth visitors can meet one-on-one with Häggglunds technology experts to discuss their unique challenges and requirements. Experts can provide practical recommendations on ways that the Häggglunds technology can help maximize uptime and productivity in mining operations.

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For more information, visit www.boschrexroth-us.com/sme. MINEXCHANGE attendees are invited to visit booth 2043 to learn more, directly from Rexroth's experts.

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For more information on Häggglunds, visit www.boschrexroth-us.com/hagglunds.

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.hagglunds.com

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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