rexroth
A Bosch Company

Hägglunds solutions for Apron Feeders

www.boschrexroth.com

Let nothing stop your productivity

Bosch Rexroth offers an easy path to the best drive system solutions for total performance, whether for new feeders or for modifications and upgrades of existing machines. Our expertise and systems ensure that any and all relevant requirements are taken into account to achieve a complete and efficient solution for your operations.

Apron and belt feeders handle high starting torque and frequent load spikes in harsh environments. Our modular drive solutions offer built-in protection against shock loads, which safeguards your machine´s functionality and reduces the risk of production stops. The moment of inertia of our hydraulic direct drive systems is a mere 0.1% compared with that of an equivalent electromechanical drive system with a gear reducer. This feature is significant when you consider increasing the uptime on your feeders by limiting stress on machinery, chains and drive line.

Engineered for heavy-duty performance
Our hydraulic direct drive systems give you access to high starting torque and sustained high torque capability.

Using our drive solutions on your feeder also means that you can start up in any load condition and run at high load for long periods – all with a system based only on average power need. Additionally, you can start and stop the feeding as often as required without limitation.

Increased productivity – continuously
You can rest assured that we always look to maximize performance. We take great pride in our continuous development of products and solutions. Our rugged and reliable drive and control solutions are engineered for tough environments and the demanding applications both of today and tomorrow.

◂ **On a performance-to-weight basis, our solutions have always been best in class. We've taken the next step with a new range of Hägglunds hydraulic motors. From smallest to largest, with the highest torque to weight ratio in the world. As a customer with any of our products, you naturally benefit from all the knowledge gained in our continuous development process. The modular design provides an easy way to upgrade your existing drive solution.**

5

BIG BENEFITS
with hydraulic drive systems

Reliability
The hydraulic direct drive is confirmed to have very high reliability. The engineering and design of our systems is based on providing a long life with a minimum of needed maintenance. The operating principle is proven to be good practice for feeders and an assurance of long and dependable operation.

High starting torque
The hydraulic direct drive technology provides the feeder with the ability to work at full torque from standstill, without time restrictions. The installed power can be fully utilized, and no oversizing for high starting load – or peak loads, is needed.

Frequent starts and stops
There is no limitation on the number of consecutive starts and stops the feeder can make when equipped with a hydraulic direct drive. Additionally, the feeder can run at any speed within its speed range – constantly, without any limitations.

Easy Maintenance
The generous rated service life of our drive systems means that a minimum of maintenance is needed. The systems have a modular design and are based on standard components so maintenance and service can be provided really quick and easy.

Space
Many feeders are installed where space is limited. Our solutions provide the highest possible flexibility. The robust hydraulic motor is small, and with the direct mounting minimum space is required around the feeder. The drive unit is located where convenient space is available, independent from the drive shaft placement.

Right where you need us to be

Your productivity is our constant focus. That's why we're ready at your side – on site, around the world and online through cutting-edge connectivity. By getting to understand your application and business needs, we bring you the full drive solutions, smart upgrades and unique services to help you excel. What you get from our experts and specialist knowledge isn't just support. It's partnership.

Taking responsibility for the whole solution includes taking responsibility for even the smallest component parts. In our case, it means original parts and tailored support. Bosch Rexroth is your guarantee of quality and a one-stop solution, where you get everything you need from a single supplier.

Our worldwide organization provides engineering, installation and service, regardless of geographical location. For you, that means quick and well-coordinated global support for quotations, installation and on-site service or assistance when needed.

Easy to upgrade
When you need to increase production, you can easily make additions and adjustments to our modularly designed drive systems – with minimal disruption and optimal results.

We've supplied and installed drive systems for apron feeders based on Hägglunds hydraulic motors for more than 30 years. The experience we've accumulated over decades has given us a solid understanding of how to configure each function to get the best out of your feeder.

Russia

Denmark

New Zealand

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