The Drive & Control Company

Rexroth
Bosch Group

Technology from Bosch Rexroth

Industrial Hydraulics

Intelligent hydraulics for demanding requirements.
High speed plastics production. Stamping presses producing hundreds of parts per hour. Steel mills fabricating rebars for construction. Machine tools milling components to the tightest tolerances.

As it has for decades, Bosch Rexroth continues to drive innovation in industrial hydraulics technology, improving energy efficiency, integrating safety and helping create more compact and efficient systems.

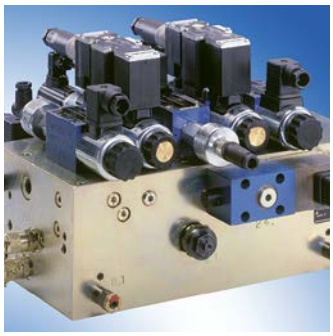
Wherever heavy-duty industry needs the power and performance of hydraulics technology to drive the most demanding manufacturing systems, Bosch Rexroth has the industrial hydraulics solutions engineered to serve the toughest challenges. Bosch Rexroth sets the industry standard for performance, reliability and accuracy in industrial hydraulics. Across the broadest range of demanding industrial environments and applications, our technology combines new levels of intelligent control with the long-lasting value necessary to deliver maximum productivity and lower total cost of ownership.

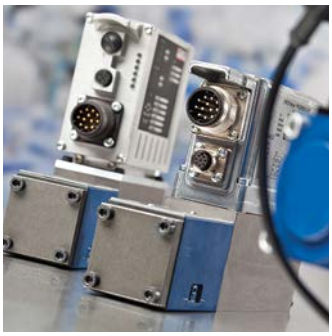
The Rexroth Difference

- Broadest spectrum of proven products configurable to your unique requirements
- Unique ability to integrate controls technology for more precise process control
- Improved availability of in-demand standard products delivered in market-best lead times
- Single source for virtually all key industrial hydraulics components
- Unmatched applications engineering expertise to help ensure our solution works right for you

Industrial Hydraulics Products

- Accumulators
- Cylinders
- Electronics & Controllers
- Filters/Fluid Monitoring
- Manifolds
- Hydraulic Motors: Gear, Radial Piston, Vane, Axial Piston
- Power Units
- Hydraulic Pumps: Gear, Radial Piston, Vane, Axial Piston
- Proportional & Servo Valves
- Standard Valves
- Variable Speed Pump Drives





Improving blast furnace performance

Rexroth hydraulics powers a new distributor for iron blast furnaces that dramatically improves endpoint accuracy and control. Read the case study.
goo.gl/ByNwM7

Hägglunds Drive Systems

More torque in a compact package. Mining. Metal and waste recycling. Minerals processing. Bulk materials (cement, grain, stone) handling. The world's most demanding material movement applications feature punishing environments and demanding operational requirements.

With its extreme torque-to-weight ratio and compact design, the Hägglunds CBM hydraulic direct drive is able to handle a very broad range of tasks in rugged operating environments.

Production demands are growing. And time frames are shrinking, along with the energy and resources to get the job done. For these applications, staying ahead is easier with the Hägglunds CBM direct drive systems from Bosch Rexroth.

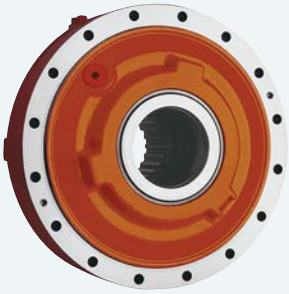
The Hägglunds CBM packs 50% more torque into a motor that's smaller and 50% lighter than its predecessor. Yet it gives you all the advantages of a direct drive. Full torque from zero, protection from shock loads and four-quadrant operation are part of the same small package.

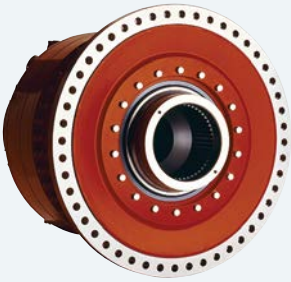
The Hägglunds/Rexroth Difference

- The most powerful and trusted hydraulic direct drive available
- 50% more torque and up to 50% less weight equals outstanding torque-to-weight ratio
- Pioneer in development and evolution of hydraulic direct drive technology
- Hydraulic direct drives are completely gearless and allow for infinite speed variations to fine-tune processes
- Four-quadrant operation allows forward or backward turning in either driving or braking mode
- Unique single source for a complete solution—CBM motor, pump drive and motors and controls

Rexroth Hägglunds CBM Direct Drive Systems

- CBM 2000
- CBM 3000
- CBM 4000
- CBM 5000
- CBM 6000





50% more performance

See how the power of Hägglunds CBM drives new levels of productivity for applications across the globe. Watch the video. **goo.gl/JwCvLN**

Mobile Hydraulics

Efficient solutions for your success. Cranes, loaders, dozers, pavers, telehandlers or road rollers—today's hard-working mobile machines must deliver better productivity, reliability and flexibility. With rising energy costs and new emissions rules, it's time for tougher, smarter mobile technologies.

As mobile machine builders seek to satisfy strict new emissions standards without sacrificing performance, Rexroth mobile hydraulics products offer more performance in compact packages to help meet the need.

Faced with these tough challenges, Bosch Rexroth has the proven drive and control solutions, applications expertise and service and support resources to help move your mobile machine performance forward. As one of the world's leading suppliers of mobile hydraulics systems and components, we can help increase machine efficiency, reduce emissions and create custom-configured drive and control solutions to fit your needs.

The Rexroth Difference

- Reliable components and application expertise provide more machine up-time, long life and increased energy efficiency
- Powerful, effective hydraulics combine high-performance hydraulics technology with advanced electronic controls
- World-class portfolio of products proven in thousands of applications worldwide
- Focused on creating solutions that optimize energy efficiency and assist in environmental compliance in mobile machines

Mining a miracle

Learn how a mobile drilling rig equipped with Rexroth hydraulic pumps freed 33 Chilean miners trapped underground. Read the case study.
goo.gl/m1GX7K

Mobile Hydraulics Systems

- Axial Piston Units
- External Gear Units
- Radial Piston Units
- Mobile Controls
- Compact Hydraulics
- Gear Drives
- Electronics

Genuine Rexroth Service

Full lifecycle support for your drive and control technology.
Maximum equipment availability and high efficiency during the lifecycle of your machines and plants: these key factors help determine your operation's productivity. Rexroth offers a comprehensive spectrum of services to maximize the availability of your machines, through engineering support, service and genuine Rexroth parts.

Bosch Rexroth is expanding its global network of Certified Technology and Service Centers, delivering a range of repair, maintenance and engineering programs to match local requirements.

At the heart of our Rexroth service offering is our expanding global network of Certified Technology and Service Centers. Created to deliver a consistent level of “global service expertise with local support,” all Bosch Rexroth Service Facilities are fully certified from our lead plants to carry out repairs and warranty service on Rexroth drive and control technology, along with support for Field Service capabilities in many locations.

We are committed to delivering true lifecycle support, including programs that specialize in repairing legacy hydraulics and electric drives and controls products (including Indramat products), many of which have delivered years of reliable performance. We can also help you plan cost-effective service life extension, retrofits and modernization plans to match your long-term needs.

The Rexroth Difference

With Genuine Rexroth Service, we support you with a unique array of capabilities:

- Service center-based repair, warranty and maintenance programs
- Experienced, responsive network of field service technicians in select locations
- Common certification and quality programs that set industry standards
- Genuine Rexroth spare parts—the latest technologies, not just what fits
- Expert application development support, drawing on world-class Rexroth engineering resources
- Programs supporting remanufacturing, preventive maintenance and spare parts supply

The Drive & Control Academy

Take advantage of our expertise: Our Drive & Control Academy includes programs for on-site training at your location, online eLearning modules and complete modular training systems. Learn more.
goo.gl/SHnjuN

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