

TRUSTED
EXPERTISE
PROVEN
SOLUTIONS



 **HYDRAFORCE**
POWER FORWARD®

rexroth
A Bosch Company

Now you have the power to innovate.

To elevate performance.

And gain a competitive edge.

Bosch Rexroth® and HydraForce® have joined forces to create a new powerhouse in compact motion control with the world's broadest and deepest portfolio of powerful solutions for mobile and industrial equipment.

From concept. To prototype. To your machine.

Streamline your supply chain. Simplify the design and integration process. And speed your time-to-market. Our expertise in engineering, design, and rapid prototyping, coupled with access to the industry's broadest portfolio of compact hydraulic components, means customers have a single, reliable source for motion control solutions.

Access the industry's deepest bench of engineering expertise.

Whether it's an upgrade, redesign or new product, we're here to provide expertise exactly whenever you need it. Our engineers not only know your machines; they understand your markets, so they can deliver the right solutions for your applications, speed up your time-to-market and keep you competitive.

Enjoy the support of a partner that spans the globe.

With state-of-the-art manufacturing facilities in Europe, North America, South America and Asia and a distributor partner network across the world, you can be sure you'll always have access to design assistance, responsive support and quick product turnaround.



Bosch Rexroth's Powerful Compact Solutions

Bosch Rexroth and HydraForce bring together two leaders in hydraulic motion control for compact powerful solutions for mobile and industrial applications.

Bosch Rexroth is a leading provider of hydraulic systems and components for applications across both mobile and industrial sectors, including hydraulic cartridge valves, compact directional valves, compact power modules, custom hydraulic integrated circuits and electronic controls.

HydraForce is a global designer and manufacturer of motion control systems and the world's leading manufacturer of hydraulic cartridge valves and custom hydraulic integrated circuits, as well as electronic controls for a variety of off-highway industries.

Together, we are committed to expanding the possibilities of hydraulic control technology and providing innovative and reliable solutions for our customers that enable them to:

- Build the world.**
- Move the world.**
- Feed the world.**
- Sustain the world.**
- Protect the world.**

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Customized solutions for better machines.

Customizability is a core competency of the compact hydraulic product-line of Bosch Rexroth and HydraForce, ensuring that the solution not only fits the specific requirements of an application but also maximizes performance, efficiency and reliability.

Tailored Solutions

Bosch Rexroth and HydraForce excel in designing custom hydraulic integrated circuits that integrate multiple functions into compact, efficient units while maximizing hydraulic system performance.

Seamless Compatibility

Whether it's incorporating new components into legacy systems or ensuring compatibility with electronic controls, you're ensured a smooth integration process that enhances system functionality.

Peak Performance

Through sophisticated simulation and testing, Bosch Rexroth and HydraForce optimize the performance of hydraulic components and systems to match application demands.

Intelligent Systems

Our programmable control solutions enhance the functionality and intelligence of hydraulic systems, from simple valve control to complex system management.



Innovating a better machine

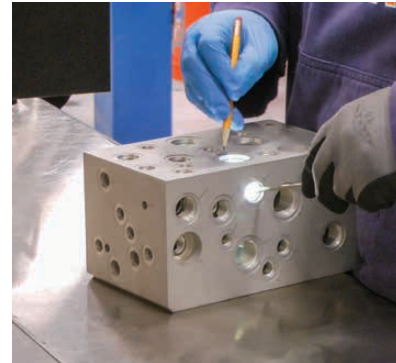
The HydraForce Innovation and Technology Center, in Vernon Hills, IL USA and the Bosch Rexroth Prototype Lab, Testing and Application Center in Nonantola, Italy offer combined centers of excellence for fluid power research, development and testing.

We build our components to be best in class

Each component is meticulously designed, manufactured, assembled, and tested to meet and exceed the strictest international standards in our industry. This ensures long-term reliability and low cost-of-ownership.

Driving performance and efficiency through continuous innovation

At Bosch Rexroth and HydraForce, we are committed to the continuous improvement of our technologies, delivering advanced hydraulic solutions designed to maximize operational efficiency and performance. Through ongoing innovation and process optimization, we strive to provide more compact, reliable, and durable systems that minimize consumption while ensuring superior results. Our goal is to support customers in achieving new levels of performance by enhancing the overall efficiency of their applications, always with a focus on quality and technological excellence.



Our Purpose

We move industries to make our planet a better place.

Our Mission

We move as ONE team to delight our customers with powerful compact solutions.

The world's broadest portfolio of compact hydraulic products.

Cartridge Valves

As the largest producer of cartridge valves in the world, Bosch Rexroth and HydraForce offer a comprehensive portfolio of industry-standard mechanical and electro-hydraulic cartridge valves, engineered for exceptional durability and precision.



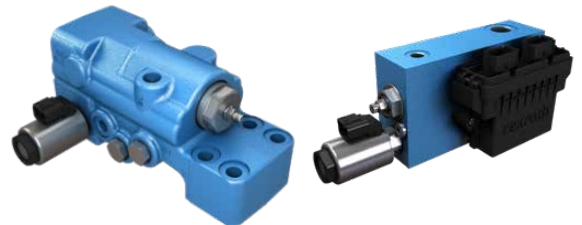
Hydraulic Integrated Circuits

Whether you're after a standard manifold or something tailored, our configuration tools, i-Design and CHoose, make it easy to define your project and get a quick cost estimate. Our solutions are available in aluminum for up to 210 bar or steel and cast iron for up to 350 bar.



Compact Motion Control

Delivering remarkable precision and flexibility, our compact motion control series powers everything from cranes to pump trucks and provides exceptional stability, particularly when lowering heavy loads.



Compact Power Units (Modules)

Turning electrical power into hydraulic muscle for equipment, from pallet trucks to aerial platforms. Our adaptable modules are the perfect combination of robustness, flexibility and cost-efficiency.



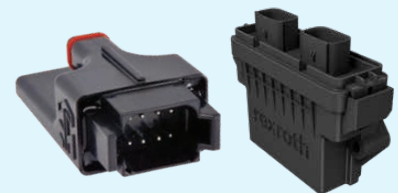
Compact Directional Valves

Precise and efficient, our Compact Directional Valve series is engineered for superior control in both mobile and industrial applications. The modular design not only simplifies electro-hydraulic control in open circuits but also boosts energy efficiency.



Electronic Components

Bosch Rexroth and HydraForce electronic components seamlessly integrate with electro-hydraulic circuits. Free, user-friendly software simplifies programming and diagnostics, while CANbus communication cuts down on wiring complexity.



Design Tools

A powerful suite of free software supports the entire development process: **i-CHoose** unifies Bosch Rexroth and HydraForce catalogs in one platform, while **HF-Impulse™** programs electronic controllers.



**Wherever you are.
Anywhere your products go to work.**

We're already there.

Our partner network brings customers closer to our vast portfolio of hydraulic applications – backed by local support spanning on-the-spot technical advice, system design, and comprehensive after-sales service. With distributor partners strategically located around the globe, you can be sure that innovative hydraulic technologies and expert guidance are always within reach – wherever you are.

Add the power of Bosch Rexroth and HydraForce to your engineering team and gain a competitive advantage.

Learn more at HydraForce.com and BoschRexroth.com/CompactHydraulics.

**Want a partner
who understands
your industry?**

Bosch Rexroth and HydraForce leverage their unmatched vertical market expertise to deliver hydraulic solutions across a wide range of industries and sectors:

- ▶ Agriculture
- ▶ Construction
- ▶ Mobile Elevated Work Platforms (MEWP)
- ▶ Material Handling
- ▶ Forestry
- ▶ Mining
- ▶ Automotive
- ▶ Renewable Energy
- ▶ Marine
- ▶ Transportation
- ▶ Factory Automation
- ▶ Industrial





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