

Service for Machinery Applications and Engineering: Maximum system availability and productivity



Your partner for maximum system availability throughout the entire lifecycle

You need to be able to trust the equipment effectiveness of your machines and systems, because every failure may result in large consequential costs for repair and even business income. You therefore want a service partner who knows your application and is able to maximize availability, working together with you. Rexroth is ideally suited to do just that, because we offer you more than just the standard: custom-tailored services from a single source for all drive and control technologies for your systems.

Custom-tailored services

To ensure that you achieve maximum system availability, we offer you support in the form of a comprehensive range of services. The scope of the services is defined by your individual requirements. We also reduce the complexity involved, since Rexroth is your service partner for all drive and control technologies.

You can rely on us for fast, professional assistance anywhere in the world. With 160 service centers in over 80 different countries, we are close at hand for you too. You can also enjoy the benefit of our years of application experience in all industries and applications in the field of machinery applications and engineering for maximum system availability.



Range of Rexroth Services for Machinery Applications and Engineering



Spare Parts



Repairs



Field Service



Preventive and Predictive Services



Modernization and Retrofit

Spare Parts, Repairs, and Field Service: On site, fast, and professional

When it comes to failures, every minute counts. Our service specialists from your region provide you with fast and professional assistance for all your needs relating to the drive and control technology of your systems. We deliver the right spare parts to you in super-fast time, provide expert repairs, and also provide you with assistance in your area.

The right genuine spare parts supplied quickly and reliably

Order the right parts directly, including documentation, using our online spare parts catalog. We will be glad to help you over the phone or by email when it comes to selecting the spare parts. For more complex requirements, we check the situation on site and arrange for fast delivery of the spare parts.



Repairs with new part warranty

It is not always necessary to have valuable components replaced by new ones. Replacement of the wearing parts will often be sufficient. We repair your components in accordance with the manufacturers' specifications and replace wearing parts with genuine spare parts. We carry out time-critical emergency and urgent repairs as well as factory overhauls in which we make your components as good as new – with a corresponding new part warranty.



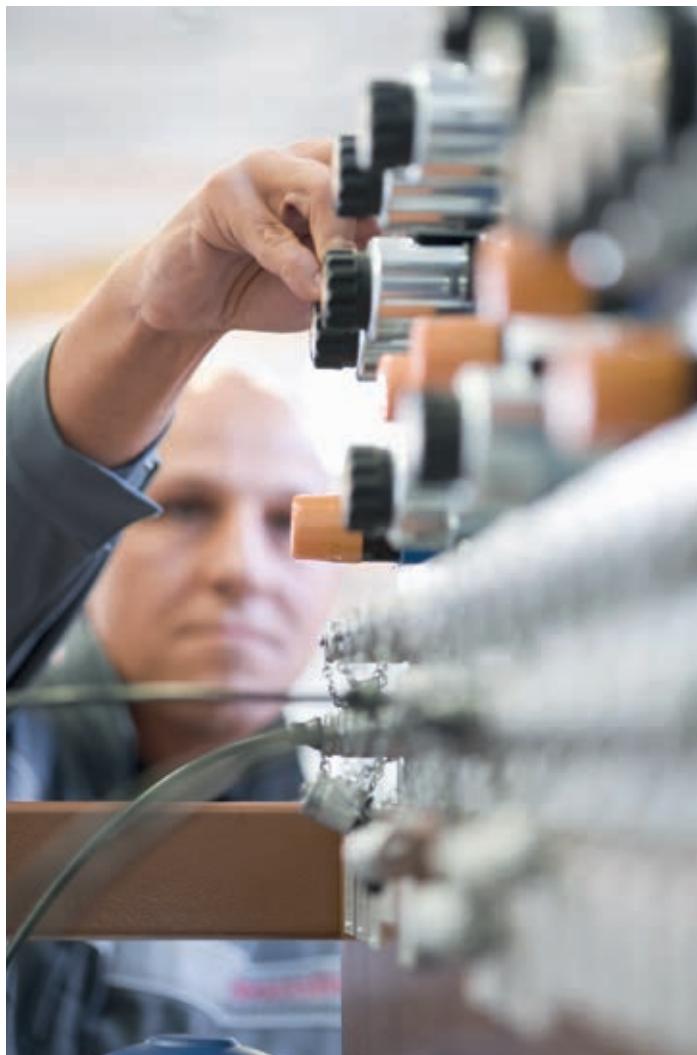
Specialists for all aspects of drive and control technology on site

The expertise of Rexroth's field service in all drive and control technologies means less coordination expense for you, quicker solutions and a lasting improvement in availability. Whether for the commissioning of applications, application support or troubleshooting, the field service specialists advise you on all questions relating to the maintenance of functional operability, extended service life and production growth.



Preventive and Predictive Services: Wear identified – danger averted

Globalized markets and tough competition not allow to wait for a failure to actually occur before then having to rectify the fault at great expense and under pressure of time. Instead, condition-based maintenance strategies are increasingly becoming the norm. Rexroth supports you to help identify wear before it shuts your system down.



The condition of your system in sight at all time: We offer a wide range of services for reliably identifying the extent to which components are worn and fluids are contaminated. We can establish their current state using custom-tailored analyses and let you know what action needs to be taken. The best approach is to start with our fitness check to obtain an initial overview of the condition of your system.

Oil Analysis and Fluid Management

For many hydraulic applications the condition of the hydraulic oil plays a critical role. Dirty fluids compromise the effective working condition of the hydraulic circuit as a whole and can lead to damage. With fluid preparation based on the results of an individual oil analysis, we can protect your system and significantly extend the usage period of the fluids. You benefit twice – from maximum availability for low operating costs.

Tailored Service Agreements

We will gladly build Service Agreements with you which are specifically tailored to your individual requirements. We can carry out Fitness Checks on your system, analyze your fluid media and enter into Spare Part and Standby Agreements with you. In addition, we can also increase system availability through preventative and predictive maintenance strategies. This ensures that you know well in advance when critical conditions are approaching, and together we will prevent system downtimes.

Modernization and Retrofit: A second life with full productivity

Is the basic structure of your system still in perfect condition but is the reliability and efficiency of the drive and control technology no longer meeting your requirements? As responsible project partner, we will gladly carry out everything from individual retrofitting measures to the modernization of your production lines.

Low cost – great benefit

We analyse your system and provide you with cost-effective proposals on how to use the good foundation to optimum effect. In retrofitting measures, we replace obsolete components with modern, higher performing alternatives. For predictable costs, you achieve a significant improvement in the performance of your system.

One partner for engineering and implementation

We bring older plants up to the latest state-of-the-art in technology by thoroughly modernizing them. Following an intensive analysis, we advise you on a modernization solution which makes sense in both commercial and technological terms. This means minimal expense for you because we do all the engineering and project planning. In the process, we naturally take into account international and national regulations relating to machine safety. On top of that, we also use the universal system of Rexroth for Energy Efficiency in order to increase energy efficiency. You win all around: We combine reduced electricity costs and lower CO₂ emissions with increased productivity and availability.

Incidentally: We not only do the planning, we also carry out all of the work involved. Your benefit: one point of contact for the entire modernization.



Specialized Services for Large Hydraulic Cylinders

Special applications require special services. Our large hydraulic cylinders (LHC) have been specially designed and manufactured to meet the requirements of your application for onshore or offshore work. Our service expertise for these cylinders extends their service life considerably.

The task of “Specialized Services” is to take care of Life Cycle Management of the Installed Base of Large Hydraulic Cylinders and Special Systems, which are not covered by the local standard Bosch Rexroth Service structure. The services for this type of products require a centralized approach making use of the engineering competences of the production plants.

Specialized Services is the Global Life Cycle partner, with



local LHC repair service facilities in Boxtel, Houston, Brazil and Singapore. Our Task Force of Field Service Engineers can, on a case by case basis, perform service on any other suitable location worldwide.

For Large Hydraulic Cylinders, Specialized Services delivers original (OEM) spare parts, plus other related service activities and products, such as maintenance, modifications, modernization etc. “State of the Art” technology to extend life time and performance of the equipment.

CIMS MK4 upgrade kit

CIMS is a unique position indicator system that operates with cylinders produced by Bosch Rexroth, using Enduroq 2X00 coated piston rods. Our ready-to-install upgrade kit is meant to upgrade the existing CIMS Mk2 and Mk3 position indicator to the recently introduced CIMS Mk4 sensor unit. CIMS Mk4 is wear free, contactless, self adjusting sensor unit, fully compatible with the Mk 2 and Mk3 versions.

Large Hydraulic Cylinder repair – Seal and Rod modernization

Fundamental research leads to continuous improvement of seal and rod technology. Detailed knowledge in Tribology (combined performance of hydraulic fluid, rod, seals and bearings configuration) and in-house endurance testing, enables Bosch Rexroth to offer new leading innovative technology. The drivers for extended lifetime are low friction, improved corrosion resistance, fluid stability etc.



Ingenious solutions }
keep my systems running } Exactly

Your benefits:

- Maximized availability
- Extended useful life
- Improved energy efficiency
- Ensured safety
- Increased productivity
- Utilized savings potential
- Reduced complexity
- Extended maintenance intervals
- Assured modernization

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