

rexroth
A Bosch Company

**ACCELERATE YOUR
DIGITAL
TRANSFORMATION**



BE DIGITAL.
BE BETTER.

➔ BE BODAS.

Your Benefits with BODAS



ONE STOP SHOP

Get telematics, software, and hardware for the off-highway market – a holistic ecosystem of components and system solutions from a single source.



OPEN AND MODULAR

Integrate the entire BODAS ecosystem, or choose individual components – all backed by Rexroth's know-how in application and system layout.



SAFE

Align with the latest functional safety regulations for mobile machines as well as automotive, and ensure compliance with leading safety standards.



SECURE

Leverage automotive-grade security solutions protect your machines against cyber threats and be compliant with the latest cybersecurity legislations.



READY FOR AUTOMATION

Our modular automation solutions empower you to develop intelligent, adaptable solutions that meet tomorrow's challenges of autonomous machines.



AUTOMOTIVE-PROVEN

BODAS combines Bosch's automotive excellence with Bosch Rexroth's deep mobile market expertise, to provide reliable and future-proof technology.



PRODUCT PORTFOLIO

BODAS is your digital ecosystem for the off-highway market. Hardware, software and telematics – everything is modular, open and can be seamlessly integrated into Rexroth hydraulics and electrics.

MOBILE ELECTRONICS AND SOFTWARE MODULES



BODAS Hardware

Proven electronic hardware for mobile machines: Control units, connectivity devices, sensors and human machine interfaces – all powered by Bosch Rexroth's off-highway expertise.



BODAS Software

Only those who really understand hydraulics can adapt the software accordingly. This is why BODAS software enables optimum machine control and offers essential tools for programming, parameterization and diagnostics.



BODAS Connect

Modular end-to-end connectivity solution for efficient data transmission with customizable services for fleet management, monitoring, remote maintenance and data-driven processes.



SIMPLIFIED ENGINEERING

Increase your brand differentiation through greater efficiency – with Bosch Rexroth you get access to intuitive software development tools, test frameworks and a global network of experienced experts.

TOOLS FOR EFFICIENT DEVELOPMENT



Collaboration platform

Our virtual platform myBODAS offers exclusive access to ready-to-use software solutions and a global network of experts for your product development.



Development framework

BODAS-studio offers an open development environment for up-to-date and future-proof software solutions thanks to a wide range of professional tools.



Try It First

Why reinvent the wheel? With our “Try it First” approach, you can flexibly test Rexroth software solutions in an open framework – completely free of charge.



AUTOMATION

BODAS supports automation in off-highway machines at all levels and accelerates your way to efficient, autonomous solutions to meet increasing market demands.

LEVELS OF AUTOMATION



Assistance systems

Assistance systems such as Kinematic Position Sensing and Collision Avoidance offer modular high-tech solutions for safer and more efficient machine control.



Partial automation

Embedded Learning combines AI with industry know-how for optimized motion control. Increase the productivity of your machines with fast and precise functions, such as the Grading Assistant for excavators.



High automation

The BODAS Offroad Robotics Controller together with intelligent sensors, radar and camera solutions provide the foundation for automated and autonomous machines of the future.

Bosch Rexroth Digital Application Solutions BODAS

Long-standing application expertise together with proven electronic hardware, flexible software and telematics – this is the foundation for the digital transformation and the offer for a partnership with a shared vision of the digital future!

Get easy access to more productivity, efficiency and automation with BODAS.



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