



作为罗伯特·博世有限公司的全资子公司，博世工程技术有限公司自 1999 年以来，致力于开发电子系统个性化解决方案。与博世集团各个事业部的紧密合作使我们立足于博世所有产品线组合，为客户提供经过测试验证的零部件 --- 而不必受限于产量的多少。您将获得与所期望的完全匹配的解决方案。伴随您的项目进展，从最初的概念研究直到实现批量生产，我们将全程为您提供一对一的关注和建议。

我们的创新工程服务也可以为汽车行业之外的领域创造最佳的客户获益。虽然起步于豪华车，但是批量生产车辆的特性和研究已经被我们应用到很多领域，诸如：商用车，建筑和农业机械，铁路机车，机器人以及无人驾驶车辆，工业应用，船舶应用以及赛车运动等。您将在这本小册子中发现我们广泛的产品线。

Fields of application



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Bosch Engineering
System development partner for customized solutions

博世工程技术
系统开发合作伙伴——为您量身定制解决方案



Only we can offer you all this Personal attention coupled with large-series experience

我们能够为您提供
一对一的关注，丰富的经验

Bosch Engineering GmbH, a 100 % subsidiary of Robert Bosch GmbH, has developed individual solutions for electronics systems since 1999. Our close links with Bosch allows us access to their entire portfolio and enables you to use tested-and-proven components – independent of the production volume. You get a system precisely tailored to your needs. Our aim is to accompany your project, giving you our personal attention and advice from the first study to the start of production.

Even outside the automobile sector our innovative engineering services create optimum customer benefits. What began with luxury vehicles, studies and special model versions of series produced vehicles has been applied by us to related applications such as commercial vehicles, construction and agricultural machineries, railway vehicles, robots and unmanned vehicles, industrial and marine applications as well as powersports. You will find information about our vast portfolio of services in this folder.

Our range of services You should not be settle for less

服务范围
您将得到更多

Our range of services begins with the development of systems, functions and software; continues with development support using testing services and consulting; through to sales and distribution of sensors; and culminates in complete systems for motorsports.

Powertrain / 动力总成

Our services range from determining the design studies of the system through to the release of control units for series production at Bosch facilities.

We offer tailor-made engineering services for a wide variety of applications along the entire chain of development for electronics systems. Whether this involves classic internal-combustion engines, alternative fuels, hybrids or electric vehicles, we develop individual solutions for your modern drive technologies, this is also applicable for the off-highway market as well as stationary applications. In addition we support you in approving functions and testing systems right up to certification.

我们的服务从系统研究设计开始，一直持续到控制单元在博世的量产发放。

我们致力于为各种各样的应用匹配提供量身定制的工程服务，同时完成电子系统的链式开发。无论涉及传统内燃机，替代燃料，混合动力或电驱动力汽车，我们都可以为您提供先进的驱动技术提供个性化的解决方案。另外，我们还可以为您提供功能认定和测试系统技术支持，直到通过认证。

我们的服务范围从系统、功能、软件开发开始，延伸至开发过程中的测试和咨询服务，以及在不同领域各种传感器的销售和应用，一直到整套赛车系统的开发。

Safety and comfort / 安全与舒适

Active and passive safety are at the core of the systems applied by us and optimized for special applications. Starting with ABS and ESP®, our services cover the entire range of brakes, steering and chassis with individual solutions in the field of driving dynamics.

The development of functions for infotainment, vehicle navigation and driver assistance systems based on radar and ultrasound are included in our safety and comfort portfolio.

主动与被动安全系统是我们应用的核心，并在此基础上根据您的应用需求进行优化。起步于 ABS 和 ESP®, 在驾驶动态特性方面，我们的技术服务涵盖制动、转向和底盘等各个系统的个性化解决方案。

另外，基于雷达和超声波系统，我们在安全与舒适性方面的服务还包括信息娱乐、车辆导航、驾驶辅助系统等各个功能的开发。

Testing services / 测试服务

Our test center equipped with engine and roller-type chassis dynamometers enables all complex measurements required for the development of vehicle systems. We offer a comprehensive testing concept, vehicle preparation and the carrying out of tests in addition to the interpretation of the results.

我们位于德国总部的测试中心配备发动机和轮毂底盘实验台架，可以完成车辆开发过程中所需的各种复杂的系统测试。我们为您提供综合全面的概念测试，车辆准备以及测试实施并提供结果分析。

Electrical and electronic integration 电子电气系统集成

We develop solutions for the networking of electrical and electronic systems. We offer the design and optimization of the system architectures as well as the layout of on-board communication networks right down to support in systems integration.

我们为您提供电子电气系统网络开发的个性化解决方案。包括系统架构设计和优化，在线通信网络设计和优化，以及系统集成的技术服务。

Motorsports / 赛车运动

Professional motorsports teams up to Formula 1 utilize our electronic equipment and comprehensive support. The development of complete engine-control systems and the monitoring of engine and chassis are just as much part of our program as on-site attention and support during a race. Innovations from Bosch in automobile series production such as gasoline direct injection and Common Rail diesel systems have been adapted into motor racing by us.

我们专业的赛车工作团队为一级方程式提供电子设备以及全面的支持。全套发动机控制系统的开发，对赛事现场发动机和底盘运行的监控也是我们与客户合作的一部分。博世创新的汽车产品，如汽油直喷系统和柴油共轨系统，已经被我们成功的应用于赛车运动中。