



Productive working: **Occupational health and safety from Bosch for pros** Extensive system with immediate to long-term protection

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- ▶ Immediate protection minimizes the risk of injury in day-to-day work
- ▶ Long-term protection prevents health risks
- ▶ Bosch solutions support a range of requirements

Added value thanks to high user and health protection – Bosch offers tradespeople an extensive system for efficient and safe working. The spectrum ranges from solutions which immediately minimize the risk of injury for the user to solutions which protect against long-term health risks. As an example of immediate protection, there are sensor-based functions such as KickBack Control: If the integrated sensor detects sudden blockages during the work process, for example when tilting a drill or cutting disc, this function will switch off the motor within a fraction of a second, minimizing the risk of injury caused by kickback.

Bosch is a leading manufacturer of sensors and utilizes synergies within the Bosch Group to offer added value to tradespeople through sensor-based technology. KickBack Control has been integrated into 25 Bosch Professional power tools, such as the [GBH 18V-26 \(F\) Professional](#) rotary hammer, the [GWS 18V-125 SC Professional](#) angle grinder and the new GSR 18V-60 FC Professional FlexiClick drill/driver. Bosch offers the widest range of sensor-based protective functions on the market. More than four million professional power tools with KickBack Control have already been sold across the world – the advantage for the user is evident.

Immediate protection minimizes the risk of injury in day-to-day work

Another example of the use of sensors is Drop Control: If a tool falls, this function immediately switches it off as soon as it hits the ground. The [GWS 18V-125 SC Professional](#) is the first power tool in the world to feature this function. It combines KickBack Control and Drop Control for maximum user protection in one tool. Mechanical and electronic functions such as overload clutch, restart protection, the Intelligent Brake System and the Protection Switch also offer reliable

protection for tradespeople. Restart protection ensures that a device does not continue to run after the power supply has been interrupted. The Intelligent Brake System stops the disc of an angle grinder within just two seconds. If the angle grinder is equipped with Protection Switch, it will only run for as long as the switch is pressed. This allows users to always maintain full control of their tool.

Long term protection prevents health risks

The immediate protection of the user is not the only thing that matters – it is just as important to protect the user from vibrations and dust in the long-term. Bosch therefore provides tools with Vibration Control or vibration-proof handles. The [GBH 18V-26 \(F\) Professional](#) rotary hammer, for example, has a damping element which uncouples the main handle from the hammer drive, reducing active vibrations. The [GSA 18V-32 Professional](#) saber saw has a counterweight which constantly counteracts the inertial forces. This means that this saber saw offers the lowest vibrations in its class. This vibration damping principle also comes into play in the hammer design.

Beyond this, Bosch also provides an extensive range of dust extraction solutions: The Click & Clean system comprises of tools, wet/dry extractors, dust extractor accessories and L-Boxxes, which are precisely harmonized with each other and which function together to make work healthier, more tool-friendly, faster, more efficient and more precise. This includes the dust class M-certified GAS 35 M AFC Professional and GAS 55 M AFC Professional wet/dry extractors. Both extractors are equipped with automatic filter cleaning, which offers a permanently high suction power and thus ensures a continuous work progress. Compact and powerful cordless dust extractors such as the [GAS 18V-10 L Professional](#) are ideal for mobile tasks. The Click & Clean system is compatible with various dust extraction systems, such as those designed for drilling and chiseling tools, or with [extraction guards for angle grinders](#). They extract the dust directly from where it is produced. The result is healthier, less tiring and more precise working.

With the [GBH 18V-26 Professional and GBH 18V-26 F Professional](#) rotary hammers, Bosch has gone one step further: These are the first 18 volt Bosch hammers with active integrated dust extraction. With these tools, Bosch is providing tradespeople with suitable solutions for a range of requirements.

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The Robert Bosch Power Tools GmbH, a division of the Bosch Group, is one of the world's leading providers for power tools, power tool accessories and measuring tools. In 2017, its roughly 20,000 associates generated sales of 4.7 billion euros, about 85 percent of which outside of Germany. With brands such as Bosch and Dremel, the division stands for customer focus and great engineering progress. The core success factors are innovative strength and pace of innovation. In 2018, Bosch Power Tools will again launch more than 100 new products onto the German market in its four business segments power tools, accessories, measuring tools and garden tools.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 400,500 associates worldwide (as of December 31, 2017). According to preliminary figures, the company generated sales of 78 billion euros in 2017. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT company, Bosch offers innovative solutions for smart homes, smart cities, connected mobility, and connected industry. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to create solutions for a connected life, and to improve quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiaries and regional companies in 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. The basis for the company's future growth is its innovative strength. At 125 locations across the globe, Bosch employs 62,500 associates in research and development.

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