

Breakthrough into a new performance dimension: **Biturbo hammers from Bosch for professionals** Cordless tools more powerful than ever before

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- ▶ Best power-to-weight ratio in its class
- ▶ Using the full potential of the high-performance ProCore18V batteries
- ▶ Value-added new functions such as connectivity and high user protection

The most powerful cordless rotary hammers which Bosch has ever had are the Biturbo GBH 18V-36 C Professional and GBH 18V-45 C Professional hammers. The SDS max hammers are optimized for maximum performance with ProCore18V batteries: Their specially developed, brushless high-performance motor has been perfectly coordinated with the electronics and battery, so that the high efficiency of the recommended [ProCore18V batteries](#) with 8.0 and 12.0 Ah can be used to their full potential. Both hammers are also the lightest in their class: The GBH 18V-36 C Professional is 500 grams lighter and 20 percent more compact than any other cordless rotary hammer in the SDS max segment. At 12.5 joules, the GBH 18V-45 C Professional offers the same impact energy as the 1,500-watt corded GBH 8-45 DV Professional, but it is still lighter even when combined with the ProCore18V 12.0 Ah battery. This makes the Biturbo hammers unique on the market and represents a breakthrough into a new performance dimension.

High drilling performance confirmed by an independent test institute

The cordless hammers differ in terms of their optimum drilling range: With an impact energy of 7.0 joules, the GBH 18V-36 C Professional is designed especially for drilling holes from 14 to 36 millimeters. With 12.5 joules impact energy, the GBH 18V-45 C Professional is particularly suitable for drilling holes from 20 to 40 millimeters. Its drilling performance was confirmed by an independent test institute: With just one battery charge, it covers an average drilling distance of 4.27 meters with a drill bit diameter of 25 millimeters. No other cordless hammer in its class can match this performance.

Value-added thanks to connectivity and high user protection

In addition, the Biturbo hammers offer craftspeople value-added thanks to the new User Interface – an interactive display on the tool – and connectivity functions via smartphone: Professionals can always keep an eye on the tool and battery status and can adapt the tools to their individual needs. Three different work modes are available: “Auto” for maximum performance, e.g. when breaking through concrete, “Soft” for work with sensitive materials such as tiles or masonry, and the “Favorite” mode in which the drilling performance can be set via app. Additional functions can be configured such as a Soft Start function: Both when drilling (“Electronic Precision Control”, EPC for short) and now also for the first time when chiseling (“Adaptive Speed Control”, ASC for short), the hammers ramp up slowly to the set speed. Craftspeople can therefore set the drill and chisel with pinpoint accuracy, and work precisely. Both Biturbo hammers also offer high user protection thanks to Vibration Control and KickBack Control: In the event of sudden and unpredictable rotation of the rotary hammer around the drilling axis – which can occur if the drill becomes blocked in reinforced concrete – the integrated sensor shuts off the motor in a fraction of a second. This prevents unexpected kickback and can therefore reduce the risk of injury. The switch lock for continuous applications in chisel mode also serves as a transport lock.

Full compatibility in the Bosch Professional 18V System

The Biturbo hammers are operated most efficiently with the high-performance ProCore18V batteries with 8.0 Ah and 12.0 Ah. With the [Professional 18 Volt System](#), Bosch ensures compatibility with new and existing power tools and chargers in this voltage class, offering craftsmen planning and cost certainty.

Bosch offers a wide range of Biturbo tools: different rotary hammers, [angle grinders](#) and [saws](#). They are more powerful than all previous cordless tools from Bosch. The Biturbo GBH 18V-36 C Professional and GBH 18V-45 C Professional hammers are available right now. The prices are recommended retail prices excluding VAT.

Tool specifications	GBH 18V-36 C Professional	GBH 18V-45 C Professional
Battery voltage	18 V	18 V
Corded tool equivalence	1,000 W	1,500 W
Impact energy	7.0 J	12.5 J
Impact rate	0 – 2,900 min ⁻¹	0 – 2,760 min ⁻¹
Rated speed	0 – 500 min ⁻¹	0 – 305 min ⁻¹
Max. drilling diameter in concrete	12 – 40 mm	12 – 45 mm
Optimum drilling diameter in concrete	14 – 36 mm	20 – 40 mm
Vibrations when drilling/chiseling	11.8/9.4 m/s ²	8.5/7.0 m/s ²
Connectivity, User Interface	Yes	Yes
KickBack Control	Yes	Yes
Soft Start when drilling/chiseling	Yes/Yes	Yes/Yes
Dimensions (length x width x height)	460 x 93 x 250 mm	545 x 131 x 266 mm
Weight without/with battery	5.1/6.1 kg (with an 8.0 Ah battery)	8.0/9.3 kg (with a 12.0 Ah battery)
Scope of delivery/recommended retail price excluding VAT	<ul style="list-style-type: none"> • In a carrying case, including an auxiliary handle and a connectivity module: 649 € • In a carrying case, including an auxiliary handle, a connectivity module, 2 x 8.0 Ah batteries and a charger: 979 € 	<ul style="list-style-type: none"> • In a carrying case, including an auxiliary handle and a connectivity module: 979 € • In a carrying case, including an auxiliary handle, a connectivity module, 2 x 12.0 Ah batteries and a quick charger: 1,399 €

Subject to change.

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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 2019, its roughly 20,000 associates generated sales of 4.8 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 2020, 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 400,000 associates worldwide (as of December 31, 2019). The company generated sales of 77.7 billion euros in 2019. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. 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 facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. Bosch improves 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 subsidiary 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. Bosch employs some 72,600 associates in research and development at 126 locations across the globe, as well as roughly 30,000 software engineers.

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