

More powerful than its corded counterpart: **GBH 18V-28 DC Professional 18V rotary hammer** Unique user and health protection

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- ▶ Even more powerful: Cordless tool with higher impact energy than an equivalent corded tool
- ▶ Even more health-friendly: Dust-free drilling thanks to innovative dust extraction
- ▶ Even more user-friendly: Multiple user protection features, including a fall protection system
- ▶ Even more flexible: Part of the Professional 18V System with ProCore18V

The GBH 18V-28 DC Professional 18V rotary hammer from Bosch sets new standards: It is the most powerful cordless rotary hammer with a D-handle in its class and offers the best power-to-weight ratio of 1.1 joules per kilogram. With an impact energy of 3.4 joules, it is over 10 percent more powerful than the nearest competitor model, outperforming even its corded Bosch counterpart, the popular GBH 2-28 Professional. Thanks to a combination of high performance, low weight, slim design, and a D-shaped handle, the GBH 18V-28 DC Professional is ideal for vertical tasks, especially power-intensive hammer drilling and chiseling into the floor. These tasks include, for example, setting steel girders, clearing new cable ducts, or removing tough tiles during renovations. A LED on the housing provides good illumination of the work area. The GBH 18V-28 DC Professional also sets new standards in terms of user and health protection thanks to an innovative dust extractor as well as integrated vibration and kickback protection.

Dust-free drilling thanks to innovative dust extraction

The GDE 28 D Professional dust extractor, which was developed specially for the GBH 18V-28 DC Professional, can be quickly and easily attached to the tool. Weighing just 800 grams, this dust extractor is 50 percent lighter than comparable dust extractors on the market. The GDE 28 D Professional is simply attached to the tool and protects the user reliably from dust thanks to a HEPA filter, even when drilling on scaffolding, hoists or in hard-to-reach areas, all without the need for a bulky, additional vacuum cleaner. Once the motor of the cordless rotary hammer starts running, an additional fan in the tool creates a vacuum and sucks the drilling dust directly into the dust box. Thanks to this principle, the extractor does not need its own energy source and the tool's battery lasts longer than with

an active extractor. The extractor comes with two dust eyes for different applications: One for smaller drilling diameters from 4 to 16 millimeters and one for larger drilling diameters up to 28 millimeters. If required, an extension can be attached for drill bits up to 265 millimeters in length.

Multiple user-protection features, including a fall protection system

The GBH 18V-28 DC Professional is also the only cordless rotary hammer in its class that offers tradespeople Vibration Control – an active vibration damping system with a counter-oscillator – as well as KickBack Control: If the rotary hammer turns suddenly or unpredictably on its drill axis, for instance if the drill gets jammed 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. If the cordless rotary hammer is used at height, such as on scaffolding, it can also be secured from falling. This minimizes the risk of injuring other people. Finally, to safely store the rotary hammer between different work steps, users can simply hang it on the integrated tool hook.

The Professional 18V System saves time, space, and money

The GBH 18V-28 DC Professional runs on powerful 18V batteries. Tradespeople can use the high-performance ProCore18V batteries with a capacity of 4.0 Ah to 12.0 Ah for particularly demanding drilling and chiseling applications. Regardless of which battery you use, Bosch guarantees full compatibility with new and existing power tools and chargers in the same voltage class and – thanks to the opening of the [Professional 18V System](#) to other manufacturers – this compatibility even extends beyond the Bosch tool portfolio. [Many brands, many tools, one battery system:](#) Saving tradespeople time, space, and money.

The GBH 18V-28 DC Professional cordless rotary hammer and the GDE 28 D Professional dust extractor will be available from March 2022 onwards. The listed prices are the recommended retail prices excluding VAT.

Tool specifications	GBH 18V-28 DC Professional
Battery voltage	18 V
Impact energy	3.4 J
Impact rate at rated speed	0 – 4,250 min ⁻¹
Rated speed	0 – 950 min ⁻¹
Max. drilling diameter in concrete/wood/metal	28/30/13 mm
Vibration emission value for hammer drilling in metal/hammer drilling in concrete/chiseling	2.5 m /10.1/7.2 m/s ²
Tool holder	SDS plus
KickBack Control, Vibration Control	Yes
Connectivity module can be used	Yes
Maximum permitted length of anit-fall-equipment	1.80 m
Dimensions (length x height x width)	437 x 225 x 89 mm
Weight without battery	3 kg
Compatible dust extractors	<ul style="list-style-type: none"> • GDE 28 D Professional • GDE 16 plus Professional • GDE 68 Professional • GDE 18V-26 D Professional
Scope of delivery/recommended retail price excluding VAT	Tool in a cardboard box (without battery and charger): €339.00

Tool specifications	GDE 28 D Professional
Max. drilling diameter	28 mm
Max. drilling depth	100 mm
Max. drill bit length	265 mm
Dimensions (length x height x width)	425 x 191 x 80 mm
Weight without battery	0.8 kg
Compatible cordless rotary hammer	GBH 18V-28 DC Professional
Scope of delivery/recommended retail price excluding VAT	Dust extractor in a cardboard box including two dust eyes and an extension: €69.00

Subject to change.

Press photos: #3ab4deb4, #4a19fa12, #a380b7ab, #a85b9e5b

Do you have questions or comments about this press release?

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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, garden tools, power tool accessories and measuring tools. In 2020, its roughly 20,000 associates generated sales of 5.1 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 2021, Bosch Power Tools will again launch more than 100 new products onto the market in its four business segments power tools, garden tools, accessories and measuring tools.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 395,000 associates worldwide (as of December 31, 2020). The company generated sales of 71.5 billion euros in 2020. 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 some 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. With its more than 400 locations worldwide, the Bosch Group has been carbon neutral since the first quarter of 2020. The basis for the company's future growth is its innovative strength. At 129 locations across the globe, Bosch employs some 73,000 associates in research and development, of which nearly 34,000 are software engineers.

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