

Powerful screwdriving with the Professional 18V System: **New professional cordless impact wrench from Bosch** Full control with metal, wood, and now even concrete

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- ▶ Powerful all-rounder that can even take on concrete bolts and screws
- ▶ Maximum flexibility thanks to three speed settings and preset screwdriving modes
- ▶ Enhanced setting options and customization due to connectivity features
- ▶ Multi-brand battery system saves time, space, and money

Bosch is expanding its [Professional 18V System](#) with the launch of the GDS 18V-450 HC Professional – a powerful cordless impact wrench with connectivity features. This new tool gives professionals full control and flexibility when working with metal and wood. The breakaway torque of 800 Newton meters enables it to loosen even rusty bolts and screws on commercial vehicles such as vans and SUVs. With a tightening torque of 450 Newton meters, the impact wrench is also the first of its kind to be suitable for predrilled concrete screw connections measuring up to eight millimeters. Typical applications include fixing balcony or carport supports directly in concrete, or mounting supports for cable ducts or formwork elements.

Multi-brand battery system saves time, space, and money

The Professional 18V System covers all other major 18V applications – and even goes beyond the Bosch portfolio thanks to the multi-brand [AmpShare battery alliance](#). [Many brands, many tools, one battery system](#): All tools, from compact drill drivers to miter saws with up to 2,000W of equivalent corded power, can be operated with the same 18V lithium-ion battery and just one charger – saving tradespeople time, space, and money.

More control than ever thanks to customizable screwdriving modes

The GDS 18V-450 HC Professional is compact and comfortable to use: The length of the head measures 169 millimeters and the bare tool weighs only 1.6 kilograms. An integrated LED on the tool's user interface shows professionals the information they need by lighting up in red, yellow, or green to display the battery and tool status. The impact wrench also offers two screwdriving modes

that can be further customized via the app. These enable the GDS 18V-450 HC Professional to prevent damage to bolts, screws, and surfaces – making this model stand out from similar impact wrenches on the market.

Mode A is preset for metal bolts and includes features such as ‘Shut-off after time’ and ‘ABR’ (Auto Bolt Release), which are activated when tightening or loosening bolts and nuts in order to avoid overtightening or loss during disassembly. Mode B for wood screws includes features such as ‘Auto Shut-off’ to prevent material from being damaged when tightening screws. Both modes can be customized via the Bosch Toolbox app and saved for subsequent applications. As a result, professionals save time when performing repetitive screwdriving tasks such as assembling facade components, cable ducts, or handrails – and can always select the ideal setting for the respective application.

A wide range from Bosch: The right tool for every job

Bosch offers an extensive portfolio of cordless impact wrenches that can meet various requirements. The 18V range, which includes the [GDS 18V-1050 HC Professional](#), can handle bolt sizes ranging from M6 to M24 and delivers a maximum torque of 200 to 1,050 Newton meters. Also part of the cordless portfolio are the particularly handy and compact 12V tools, such as the [GDS 12V-115 Professional](#).

The GDS 18V-450 HC Professional is available now. Prices represent recommended retail prices and do not include VAT.

Tool specifications	GDS 18V-450 HC Professional
Battery voltage	18 V
Max. tightening torque/breakaway torque	450 Nm/800 Nm
Tool holder	½" friction ring and thru hole
Speed settings	3
No-load speed 1st level/2nd level/3rd level	0 – 1,000/1,500/2,300 rpm
Rated impact rate 1st level/2nd level/3rd level	0 – 1,900/2,500/3,300 bpm
Max. tightening torque 1st level/2nd level/3rd level (approx.)	250/330/450 Nm
Screw diameter	M10 – M20, concrete: 6 – 8 mm
Standard modes on user interface	A: metric bolt, B: wood screw
Connectivity/app	Yes
Weight without/with ProCore18V 4.0 Ah battery	1.6/2.1 kg
Dimensions (length x height x width)	169 x 217 x 77 mm
Scope of delivery/recommended retail price excluding VAT	<ul style="list-style-type: none"> • Tool in cardboard box: €280.35 • Tool in L-Boxx with connectivity module: €318.15 • Tool in L-Boxx with 2x ProCore18V 4.0 Ah batteries, GAL 18V-40 Professional charger, and connectivity module: €533.40

Subject to change.

Press photos: #cb0524ae, #43c953ab, #6ef32cd0, #4e247ab0

**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 2021, its roughly 21,000 associates generated sales of 5.8 billion euros, about 80 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 2022, 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 402,600 associates worldwide (as of December 31, 2021). The company generated sales of 78.7 billion euros in 2021. 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 128 locations across the globe, Bosch employs some 76,100 associates in research and development, of which more than 38,000 are software engineers.

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