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Press release
Power Tools

Into the future with cordless tools and a clear sense of responsibility: **Bosch expands battery platforms and drives sustainability**

July 6, 2021
PI 11344 PT MR

- Bosch Power Tools is opening its battery platforms to other renowned partners
- Users are benefiting from the expansion of the cordless tool portfolio
- Company is systematically driving sustainability at several levels
- New cross line laser sets a milestone in sustainable product development

Stuttgart/Leinfelden-Echterdingen – Cordless working around the house, in the garden and on construction sites is becoming increasingly popular. Both private and professional users no longer want to miss out on the benefits of using cordless tools. Accordingly, Bosch Power Tools is consistently accelerating the expansion of its two 18 V battery platforms and is cooperating with other renowned partners – for the benefit of the users. This will save users even more money, space, and time in the future. A pile of incompatible batteries and chargers from different brands will be a thing of the past. Another advantage: By purchasing a Bosch battery, users are choosing a system whose added value will gradually increase over time.

Growing battery platforms – partners and users relying on Bosch

The Professional 18V System based on Bosch technology has been developed to increase efficiency and effectiveness on construction sites. It is one of the world's leading platforms for professional cordless tools. One year after this system was opened to other manufacturers, two more renowned brands – Fein and Heraeus – have joined the partnership. In addition to products from Bosch Power Tools, Brennenstuhl, Klauke, Ledlenser, Lena Lighting, Sonlux, Sulzer and Wagner, professional users will also be able to utilize, for instance, special tools for metal working and special light applications, e.g. for surface disinfection in the fight against the corona virus, with one of the more than 60 million professional 18 V lithium-ion batteries from Bosch that have been purchased. Since 2008, these batteries have been compatible with almost all 18 V tools from Bosch Power Tools designed for professional use. The company's portfolio of cordless innovations is also being extended. Particularly significant are the Biturbo tools which attain performance dimensions that were previously reserved for corded tools. The Biturbo

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GBH 18V-36 C Professional and GBH 18V-45 C Professional rotary hammers, which are unique on the market, are two examples here. Their specially developed, brushless high-performance motor has been optimally coordinated with the electronics and battery. The resulting drilling performance was confirmed by an independent test institute and is regarded as a benchmark for cordless rotary hammers on the market.

The Power for All Alliance battery platform, which was created for applications in the home and garden, is also welcoming two new members, Steinel and Flymo, right on time to celebrate the first anniversary of its formation. In addition to innovative power tools, garden and home appliances from Bosch and products from Gardena, Gloria, Wagner and Rapid, users can thus look forward to even greater flexibility in the future when implementing DIY projects and maintaining and beautifying their gardens. The battery portfolio offered under the umbrella of the Power for All Alliance already includes 75 tools. One special highlight from Bosch Power Tools for the summer season is the AdvancedShear 18V-10, for example. The first grass and shrub shear in the 18 V battery system is designed for medium sized hedges and grass edges and can powerfully trim up to 85 square meters of hedge with just one battery charge.

Bosch Power Tools has set itself the goal of working resolutely on the further development of both battery platforms in the coming months and years. “By opening our battery technology to other manufacturers, we struck the right note with the users. We are therefore delighted that other well-known potential partners have again indicated their interest in cooperation and want to shape the cordless future together with Bosch,” said Henk Becker, President of Bosch Power Tools.

Sustainability as a guiding principle for action

Opening the battery platforms to other manufacturers proves that systematic gearing of the product portfolio to users’ needs is the guiding principle of the action taken by Bosch Power Tools. On this basis, more than 100 new products are successfully launched on the market every year. The orientation towards changing user needs and derived requirements is also reflected in the sustainability strategy of the company. A look into the future shows that Bosch Power Tools wants to take its responsibility towards society even more seriously.

In accordance with the sustainability strategy of the Bosch Group, this will mean focusing on increasing energy efficiency. Bosch Power Tools is aiming to save around 75,000 MWh by the year 2030. This corresponds to the average annual electricity consumption of 3,000 two-person households in Germany. In 2020, savings of more than 5,000 MWh were achieved through energy efficiency pro-

jects. This was mainly attributable to the use of energy-efficient production technology. This year, around 20 projects will be implemented, reducing energy requirements by a total of more than 10,000 MWh. An important contribution is being made here, for example, by the refurbishment of the energy supply center at the headquarters in Leinfelden-Echterdingen and the commissioning of a photovoltaic system at the plant in Penang, Malaysia.

The company is also working intensively to reduce its ecological footprint at product level by focusing on the principles of the circular economy. By introducing cases made of recycled plastic in the DIY segment, Bosch Power Tools has saved more than 2,200 tons of plastic raw material and thus more than 3,000 tons of CO_2 since 2019, for example. In addition, by switching from plastic blister packaging to cardboard packaging, more than 50 tons of plastic waste have been eliminated.

The new Quigo Green cross line laser is another example of the implementation of the sustainability strategy of Bosch Power Tools. It is the first measuring tool from Bosch whose housing and accessories are made of 90 percent recycled plastic. As early as in product development stage, the focus was to reduce the CO_2 footprint from the product and the accessories through to packaging. The new packaging is therefore also made of 70 percent recycled paper, has an environmentally friendly water-based coating, and no longer contains any plastic foils inside. The size of the packaging was also optimized. In addition, the new Quigo Green consumes 50 percent less energy than its predecessor thanks to optimized electronics – saving more than 340 tons of CO_2 with just one product. “To act sustainably is an integral part of the defined values in the corporate culture of Bosch. With the new Quigo Green we are setting a milestone in sustainable product development in the measuring tool segment,” said Becker.

As part of the Bosch Group, Bosch Power Tools is a worldwide pioneer in climate protection. In 2020, every plant was operated with zero carbon emissions for the first time (Scope 1 and 2). The emissions outside the company’s direct sphere of influence (Scope 3) will also be consistently reduced by the year 2030 – by 15 percent compared with the base year 2018.

Press photos: #f490c4e8, #aea7e89d, #5a0f4fa9, #4cfdddf9, #2b538eda

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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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Hard work made easier – with Bosch Professional

Speech by Lennart de Vet,

Member of the Management Board of Bosch Power Tools

on the occasion of the Pro Media Day

on July 7, 2021

Check against delivery.

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Ladies and Gentlemen,
Welcome to the virtual Bosch Power Tools Pro Media Day 2021! Today, it's all about 'Hard work made easier – with Bosch Professional'. Before we talk about the future, let's have a short look at the past: We achieved record sales of 5.1 billion euros in more than 190 countries in the year 2020. This growth corresponds to nine percent adjusted for currency effects compared to the previous year. The reasons for the overall very successful year in a very dynamic environment are manyfold, but one key factor is the trust which users placed in our company when buying tools. This has recently been confirmed by a representative consumer survey conducted by GfK. Based on this, Bosch Power Tools won the prestigious Best Brands Award 2021 in the overarching category 'Best Brand Overall'. We are very proud of this and it motivates us to further focus consistently on our users' needs and to offer them added value: We support the self-fulfillment and the feeling of 'Home made by you' of our DIY users and make hard work easier for professionals.

Let's take a closer look at the world of our Professional users! Hard work, long hours, extreme conditions: Our professional users aren't in it for fun, they're in it for a living. It's not easy to build the world we live in. But you know what? Our tools make it easier. That's what drives us at Bosch Power Tools: We make hard work easier.

So, what do we do to live up to our promise? It's very simple: Good tools take care of the job, but *great* tools take care of their users. And that's what it's all about: We want professionals to feel well taken care of every day, even while taking on the hardest jobs.

We strongly believe that cordless leadership, easy documentation of construction projects, and clear user guidance for the most suitable accessories are three key factors to achieve best results faster and easier.

A growing number of professionals today rely on cordless tools. Cordless tools offer high mobility on construction sites without long setup times –

tradespeople can start working immediately. They are fast and flexible which leads to higher productivity.

Many tools, many brands, one battery system: The Professional 18V System
Last year, we took a major step forward to drive the cordless construction site of the future: We opened our 18 V cordless platform for professional partners. Brennenstuhl, Klauke, Ledlenser, Lena Lighting, Sonlux, Sulzer and Wagner – our common goal drives and unites us: to offer professional users the best 18 V system across many brands and countries – and thus giving them a further boost in efficiency. We have taken on a lot: We have promised that we will be constantly expanding the Professional 18V System to offer an even wider application range and even more flexibility. So, what's next? Let's have a look at it together! Roll it!

We are more than happy to welcome our new partners Fein and Heraeus to the Professional 18V System! They will expand the existing portfolio and further increase the flexibility of the system. We are excited to be jointly setting this milestone today and look forward to welcoming further partners! Together, we are creating a battery system that professionals can easily build on. Many tools, many brands, one battery system – that's how we make hard work easier!

And of course, we are continuously expanding our cordless range – in the next two years we will launch more cordless tools on the market than ever before: our large-scale product offensive includes a staggering 100 new tools! Our Biturbo tools play a crucial role in this and are real game changers. Getting the toughest jobs done in the easiest way – that's what our Biturbo tools stand for. Let's take a look at it together: Roll film!

Since their introduction, our Biturbo tools have constantly set new standards – while staying fully compatible with our existing range. The most powerful cordless SDS plus hammer on the market, the strongest 18 V cordless drill drivers in the world, a circular saw that is faster and lighter than its corded

counterpart – Biturbo is all this and much more! And our Biturbo series continues to grow, of course. Today, I'm pleased to introduce you to our latest innovations. I will focus on the most important features – but, of course, our tools offer professional users many more advantages!

Outstanding Biturbo innovations in the Professional 18V System

Our new Biturbo hand-held circular saw GKS 18V-70 L Professional offers users cordless flexibility with corded power: It is fully equal to a corded circular saw with 1,800 W. The tool is our first cordless hand-held circular saw with a saw blade on the left and is thus particularly suitable for craftsmen who prefer sawing on the left as well as left-handers. What's more? At 70 mm, it offers the best cutting depth in its class and thus a wider range of applications than conventional cordless circular saws with 190-mm blades. The front features a bow handle rather than a knob, making it easier and safer to move – even in a beveled position. This gives craftsmen outstanding control for perfect results, no matter what they are sawing.

Another first with major benefits is our new GTS 18V-216 Professional. It is the first cordless table saw in our range and offers the best cutting capacity in its class: 70 mm cutting height and 635 mm cutting width with a saw blade diameter of 216 mm. It is especially suitable for cutting board materials and reliably cuts squared timber and baseboards to length. But that's not all: Our table saw was designed for easy and safe transport to offer our users maximum flexibility. Powerful, mobile, compact – that's how we make hard work easier!

And now I am excited to introduce you to these two special powerhouses: Our GDS 18V-1000 C Professional and GDS 18V-1050 HC Professional impact wrenches which stand for high torque in the 18 V class. They offer a maximum tightening torque of 1,000 and 1,050 Nm which gives you the power to perform demanding serial bolting with maximum screw diameters of up to M24. But what we are particularly proud of are the new connectivity features and the added value we can provide professional users with them.

These tools make assembly and disassembly easier than ever before, as you can adjust the screw modes via App. The functions included will stop the tools when tightening or loosening screws and nuts at just the right moment, so that you will not over-tighten screws, so that you will not damage any surfaces, so that you will not lose any nuts. Even better, you can further customize all predefined functions via app and save them for later applications. This saves fitters time during repetitive serial bolting and allows them to always adapt the tool optimally to their application. Of course, this also applies to the speed setting for excellent control throughout the entire workflow.

We are convinced that these innovations will give our professional users a further boost in efficiency. This is exactly where our measuring tools come in: They not only facilitate detecting, measuring, and levelling, they also make the documentation of construction projects easier.

Easy documentation with innovative measuring tools from Bosch
We are systematically enhancing the wall-scanner segment. The latest tool, which we have optimized based on users' feedback, is our D-tect 200 C Professional. Here are some of the advantages I would like to share with you today – but of course our wall-scanner can do much, much more! It offers even more precise and deeper detection thanks to advanced radar technology with a new antenna system and a new Bosch radar chip. In addition, it displays objects with precise depth indication and a color code, for example yellow for live wires, dark blue for ferrous metals and turquoise for non-ferrous metals. This is what sets it apart from the competition. Users can also flexibly choose between four different 'so-called' views. This allows the user to understand and interpret the results in the best possible way. Our wall-scanner is also the first radar detector on the market that allows you to record measurements by screenshot and then process them on a PC via USB-C® cable or SD card. This makes documentation easier than ever, for example of rebar in reinforced concrete or to track live cables. We are solving a problem that many users have described to us – thus making them faster and better!

Our precise and robust GTC 600 C Professional thermal camera also saves time. Each stored thermal image contains almost 50.000 pixels corresponding exactly to one measuring point. The result is a very detailed and precise thermal image. The tool identifies weak spots such as defective radiators and underfloor heating systems as well as thermal bridges just as reliably as overheating of structural components, for example in switch cabinets or in the automotive sector. Quickly analyzing the current situation, clarifying the requirements for preparing an offer, and checking and documenting work results – our thermal camera makes it easier to perform both these and many more tasks. For example, you can now add a spoken voice comment lasting for up to 30 seconds – a function that was previously only offered by devices in a much higher product class. You simply and conveniently record the voice comment via the integrated microphone, and it is stored in the gallery together with the real and thermal image. This means the user knows exactly which images fit together thus avoiding assignment errors. The data can also be processed via an app or on a PC, making documentation and sharing with customers, colleagues, or other trades even easier. And of course, our thermal camera is ideally fitted for use on construction sites: It can even withstand being dropped on concrete from a height of two meters and is also dust- and splashproof.

Our new laser measure GLM 50-27 CG Professional also combines high robustness with fast, convenient measuring as well as simple documentation and processing of data. Its housing is made of particularly robust plastic with stabilizing ribs and has a shock-absorbing rubber casing. The display is particularly break-proof, and the silicone keypad just as tear-resistant. This means that our laser measure can even withstand drops from a height of 1.5 m onto concrete. And thanks to its all-round rubber seal, it is both jet-water protected as well as dustproof. Its green laser diode ensures excellent visibility – especially in bright areas found for example during installation work in front of large window areas in concrete or steel frame construction. And that’s not all. Our tool not only replaces the folding ruler or tape measure but also makes a note-pad redundant: You can transfer your results to the new

MeasureOn App via Bluetooth and conveniently process them digitally using your smartphone. Let's have a look at further advantages in the following video!

The data is simply transferred to digital workspaces via the app, putting an end to paperwork. You can imagine these workspaces as a huge sheet of paper: You can combine sketches of individual rooms, measured values, photos, and notes in the app and thus easily record and manage your projects. And thanks to the cloud-based project access, this can now be done anywhere and on all devices. With this digital solution, we make it easy for professional users to synchronize and organize their workflow!

Clear user guidance with accessories from Bosch

Power tools and power tool accessories in perfect combination and from a single source, conjointly developed and optimized – this is what sets us apart from many competitors. You will achieve the best results by matching innovative tools and innovative accessories. However, many professional users are still not aware of how much they can influence and increase their productivity through the accessories they choose. Clear user guidance at every touch point is therefore a key factor in making craftsmen faster and more efficient and making their work easier.

'The best your tool can get' – at Bosch, we have always strived for perfection. We offer the best accessories for any need and any demand. And we will guide our professional users at all touch points in the future so that they will know right from the start, what the respective accessories from Bosch can do for them and which ones offer the performance that best meets their needs. We are therefore dividing our complete accessory range into 3 lines: the Bosch Expert line in Blue, the Bosch Pro line in Grey/Blue and the Bosch line in White. 'The best your tool can get' – is then exactly what the first new line in the range stands for, the high-performance class Bosch Expert in Blue. The Bosch Pro and Bosch lines will follow successively.

Our distinctive new packaging shows the user at a glance what advantages the respective Expert product offers him and how much faster, better and more efficiently he can work with it. In the future, the key technologies that make Bosch Expert accessories so powerful will also be visible directly on the packaging: an outstanding lifetime thanks to carbide and diamond technology and significantly faster material removal rate when using metal grinding discs with Prisma technology. Our key technologies thus become a hallmark of quality.

Our Expert accessories come in whenever conventional accessories reach their limits, and they make certain applications possible in the first place. These accessories include the new ‘Expert HEX-9 HardCeramic’ tile drill bits for construction trade, the ‘Expert Thick Tough Metal’ reciprocating saw blades for the metal and demolition trades and the ‘Expert Hardwood fast’ jigsaw blades for the woodworking trade.

We have developed the ‘Expert HEX-9 HardCeramic’ specially for drilling in hard tiles, primarily porcelain stoneware. It offers a lifetime that is up to 10 times longer than current carbide-tipped tile drill bits on the market. This is based on our special production know-how and the unique design of our tile drill bit: The carbide tip is asymmetric, thereby forming teeth that work through the hard material more efficiently than flat cutting edges. Its active centering tip allows a precise drilling start without slipping on the tile. The integrated open stock between the steel body and the carbide cutting edges ensures stable drilling progress over the entire lifetime. The result: Much easier and more precise drilling with a longer lifetime of the product.

With our ‘Expert Thick Tough Metal’ reciprocating saw blade we allow professional users to work in areas, which are not covered by conventional bi-metal saw blades. These areas include, for example, cutting of cast iron pipes or processing of high-strength and high-alloy steels in car dismantling, ship dismantling and plant deconstruction. This saw blade is one of three premium products with carbide technology that have received our new coating: Each of the indi-

vidually welded carbide teeth is PVD-coated, which doubles the lifetime of this already very robust product. It lasts up to 100 times longer than a conventional bi-metal blade. As you can see: We also continuously evolve our top technologies!

And just to be complete, I would also like to mention our high-performance blade for woodworking: the jigsaw blade 'Expert Hardwood fast', which is very popular with our users. It offers you up to 50 times longer lifetime than standard bi-metal saw blades in tough carpentry applications.

With our Expert range, we target all major trades and cover the most demanding applications. It comprises over 1,000 products which are far superior to standard accessories. No matter if construction, metalworking, or woodworking trade: With our Expert accessories, professional users work significantly faster, more precisely and with maximum efficiency.

The users are always in the focus of our strategy. We will be there to guide them across all channels and touch points, online and offline. We will help them to save money and time by choosing the right accessories for their specific needs. We will answer their questions and solve their problems – this is our promise, by which we want to be measured.

Hard work made easier – with Bosch Professional

As we draw to a close, let me sum up the most important points once again:

- We want to offer professional users the best 18 V system across many brands and countries – we are consistently pushing this goal with existing and new partners in the Professional 18V System. And, of course, we are also contributing to the expansion of the system with numerous innovations. Our Biturbo series plays a crucial role in it – we will continue to set new standards for cordless power tools.
- With our innovative measuring tools, we do not only facilitate detecting, measuring, and levelling, but we also make the documentation of construction projects much easier – thus giving professionals a boost in speed, performance, and efficiency.

- We offer power tools and power tool accessories from a single source and make it easy for craftsmen to choose the suitable accessory. Through our key technologies, we offer them products that are far superior to standard accessories available in the market.
- We have set ourselves high goals. And we are prepared to be measured by them. The user is in the center of everything we do – we make his hard work easier.

Thank you for your attention.

Press photo: #123e959d

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Press release
Power Tools

Fein and Heraeus extend range of applications: **Further expansion of the Bosch Professional 18V System** Many new application areas for professional users

July 7, 2021
PI 11352 PT MR

- One battery system for tools from different expert brands
- Bosch and Fein extending their existing partnership
- Heraeus offering new application areas for the 18 V battery system
- Cordless work becoming even faster, even easier, and even more versatile

The systematic extension of the Professional 18V System continues: Bosch Power Tools is adding two important expert brands to its 18 V battery platform designed for professional use: In the future, professional users will also be able to use power tools from the brands Fein and Heraeus with the Bosch Professional 18V System. “After opening up the Professional 18V System last year, we are now gaining two more renowned and strong professional brands with Fein and Heraeus. Thanks to the partnership with Fein and Heraeus, the 18 V battery system by Bosch offers an even wider range of applications and even more flexibility for users. One battery, one charger and even more applications,” said Lennart de Vet, Member of the Management Board of Bosch Power Tools who is responsible for Bosch Professional, regarding the extension of the platform.

Bosch and Fein extending their existing partnership

In the future, the multi-functional tools in Fein’s Multimaster Series can be operated with batteries from the Bosch Professional 18V System. The tools are suitable for sawing, grinding, polishing, separating, filing, scraping, cutting, and cleaning of different materials. Through the joint battery platform, Bosch and Fein are continuing a partnership that has existed since 2016: The companies jointly developed the Starlock system for standard tool mounting with multi-cutters and have been successfully cooperating on this basis ever since. Offering simple solutions and different applications to customers are precisely the main advantages of the partnership for both Bosch and Fein, according to Dr. Christoph Weiss, CEO of the Fein Group: “Flexibility is necessary, especially when it comes to batteries. Users prefer open systems, i.e. one battery for several professional power

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tools and ideally across different manufacturers." This saves money and makes everyday work easier. "We are convinced that, with the Bosch Professional 18V System, we are relying on the right battery platform for the future," said Dr. Weiss.

Heraeus offering new application areas for the 18 V battery system

Heraeus will also use the Bosch Professional 18V System and fit the 18 V batteries to its UV-C surface cleaner. This tool comes into application wherever wet disinfection is impossible or very difficult, for example, in sensitive electronics, on control panels in control rooms, but also in facility management for the safe and efficient disinfection of workplaces. It is also used to disinfect hospital equipment and ambulances. The effect of UV-C light on corona viruses has been proven in cooperation with the University Clinic in Tübingen. The UV-C surface cleaner is therefore also suitable for removing the SarsCov2 virus by means of surface disinfection. The Professional 18V System makes it possible to apply this technology in a flexible way. "Our UV-C surface cleaner must function with absolute reliability. You can't see or smell UV-C cleaning. Therefore, we need to be able to rely on a system that can deliver the necessary voltage quickly and effectively to get the job done. We're building a professional system and therefore need top performance from our partners," said Martin Ackermann, CEO of Heraeus Noblelight.

Bosch systematically extending the range of cordless tools

In the Professional 18V System, one single battery can be used with many tools bearing different brand names. This saves time, space, and money. Thanks to the integration of specialized and innovative key brands, users enjoy numerous advantages: Full compatibility with all batteries since 2008, the fastest charging time on the market, unique CoolPack technology, and innovative cell technology for the best performance of the powerful ProCore18V batteries. In the next two years Bosch will introduce around 100 new tools in the cordless segment. With these new partnerships, the cordless future for professional users will become more flexible, easier, and more efficient.

You can find further information on the Professional 18V System – powered by Bosch – at: www.professional-18V-system.com

Press photos: #123e959d, #36567ec5

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Press release
Power Tools

July 7, 2021
PI 11353 PT MR

Maximum performance in sawing and screwdriving: **Three Biturbo innovations from Bosch for professionals** Further expansion of the Professional 18V System

- New standards in terms of power and features
- First Biturbo hand-held circular saw with saw blade on the left and best cutting depth in its class
- First cordless table saw in product portfolio with the best cutting capacity in the segment
- First connected Biturbo impact wrenches with user interface and added value via app

Bosch is consistently expanding the Biturbo series for professionals: The new 18V tools – a cordless hand-held circular saw, a cordless table saw and two cordless impact wrenches – are again setting new standards in terms of performance. The specially developed, brushless high-performance motor has been optimally coordinated with the electronics and battery to exploit the full potential of the recommended ProCore18V batteries with 5.5 Ah or 8.0 Ah and 12.0 Ah. This combination is what makes power-intensive sawing applications and serial bolting possible in the first place. In addition, their features outperform current tools, such as the Biturbo GDS 18V-1000 C Professional and the GDS 18V-1050 HC Professional impact wrenches. The tools can be paired with a smartphone and offer craftsmen even more functions thanks to connectivity and a new user interface.

Now with saw blade on the left: Biturbo GKS 18V-70 L Professional hand-held circular saw

The GKS 18V-70 L Professional is the first cordless hand-held circular saw from Bosch with a saw blade on the left. It is designed for left-handers and craftsmen who prefer sawing on the left. With 70 mm, it offers the best cutting depth in its class, thus enabling a wider range of applications than common cordless hand-held circular saws with a 190-mm blade. The front features a bow handle rather than a knob, making it easier and safer to move – even in a beveled position. This is what sets the GKS 18V-70 L Professional apart in terms of ergonomics. Carpenters and roofers, for example, can use the cordless hand-held circular saw to cut beams quickly and reliably to length and conveniently cut boards from wooden materials such as chipboard, plywood, or fiberboard. No matter what is being sawed, the integrated LED always clearly illuminates the cutting line. In

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addition, its 360-degree rotating chip ejector can be connected to standard suction hoses with 35 mm as well as Bosch's own Click & Clean system which contains wet/dry extractors such as the GAS 18V-10 L Professional, which is also battery-powered. The result: precise and low-dust sawing.

Best cutting capacity: Biturbo GTS 18V-216 Professional table saw

The GTS 18V-216 Professional is the first cordless table saw in the range and, like its corded pendant the GTS 635-216 Professional, offers the best cutting capacity in its class: 70 mm cutting height and 635 mm cutting width with a saw blade diameter of 216 mm. It is especially suitable for cutting board materials and reliably cuts squared timber and baseboards to length. The table saw is also easy to transport thanks to its compact design, low weight, and ergonomic handles. Push stick, angle guide, rip fence and blade guard are stowed away for transport directly on the tool – so that nothing gets lost and everything is ready-to-hand. Furthermore, with its self-closing blade guard, soft start, restart protection, safety switch, dust bag and Click & Clean adapter for low dust working, the table saw guarantees a high level of occupational health and safety. A wide range of accessories optimized for both cordless saws is available: "Expert for" and "Standard for" blades with carbide technology extend the battery runtime, for example.

Now with user interface and connectivity: Biturbo impact wrenches

The GDS 18V-1000 C Professional and GDS 18V-1050 HC Professional impact wrenches offer added value to craftsmen thanks to the user interface on the tool and now also through smartphone connectivity functions. The main difference between the two is the tool holder, at ½-inch and ¾-inch" respectively. Craftsmen can select three speed levels directly on the tool and thus have the best speed and torque control at all times. With the GDS 18V-1050 HC Professional, these are a maximum of 1,750 rpm and 1,050 Nm – providing power and speed for demanding serial bolting with maximum screw diameters of up to M24. Fitters in industrial, metal and timber construction can always see the battery and tool status thanks to the integrated LED that lights up based on the traffic light principle: "Green, Yellow, Red". Both Biturbo impact wrenches also feature two modes which are preset for common screwdriving tasks in metal/mode A and wood/mode B. In metal mode, the "Shut-off after time" function ensures that the impact wrench stops forward movement within one second as soon as the screw or nut is flush on the surface of the workpiece. The ABR function, on the other hand, engages when loosening screws and switches off the tool as soon as the nut is loose. The nut is therefore not lost during disassembly. In wood mode, in which wooden screws approved for impact drivers can be used, the "Auto shut-off" function automatically switches off the tool when the screw head is flush with the surface of the workpiece, thus preventing it from being damaged. Each prede-

fined function – Shut-off after time, ABR and Auto shut-off – can be further individualized using the Bosch Toolbox App and stored for later applications as "Custom Modes". Fitters can therefore save time during repetitive serial bolting and always ideally set the tool to the specific application. The GDS 18V-1000 C Professional and GDS 18V-1050 HC Professional offer professional users maximum flexibility.

Biturbo tools – the most powerful cordless tools from Bosch

The cordless hand-held circular saw, the cordless table saw and the cordless impact wrenches join a whole range of powerful Biturbo tools from Bosch. Other flagship products for woodworking are available, including hand-held circular saws, plunge saws, miter saws, various rotary hammers SDS max and SDS plus, as well as angle grinders. Full power is achieved by the Biturbo tools when paired with ProCore18V batteries of 5.5 Ah or more. The Bosch Professional 18V System guarantees compatibility with new and existing power tools and chargers in this voltage class.

The GTS 18V-216 Professional table and the connected GDS 18V-1000 C Professional and the GDS 18V-1050 HC Professional impact wrenches will be available from September, the GKS 18V-70 L Professional hand-held circular saw from January.

Specifications	**GKS 18V-70 L Professional**
Battery voltage/corded tool equivalence	18 V/1,800 W
No-load speed	5,000 min^{-1}
Position of the saw blade	On the left
Saw blade diameter	190 mm
Saw blade bore diameter	30 mm
Cutting depth 0°/45°/50°	70/49/44 mm
Bevel adjustment	0 – 50°
LED	Yes
Weight without/with 8.0 Ah battery	4.1/5.1 kg
Dimensions (length x width x height)	403 x 215 x 290 mm
Scope of delivery/recommended retail price excluding VAT	• In a carton with the "Standard for Wood" saw blade and a parallel guide: €380 • In an L-Boxx with the "Standard for Wood" saw blade and a parallel guide: €416 • In an L-Boxx with the "Standard for Wood" saw blade, a parallel guide, 2 x ProCore18V 5.5 Ah batteries and a GAL 18V-160 C Professional quick charger: €717

Specifications	GTS 18V-216 Professional
Battery voltage	18 V
No-load speed	4,500 min^{-1}
Max. cutting height (90°)	70 mm
Max. cutting width	635 mm
Saw blade diameter	216 mm
Saw blade bore diameter	30 mm
Bevel setting	45° L / 0° R
Dimensions (length x height x width)	658 x 332 x 553 mm
Weight without/with 12.0 Ah battery	20.5/21.6 kg
Scope of delivery /recommended retail price excluding VAT	• Tool with “Standard for Wood” saw blade, push stick, angle guide, rip fence and blade guard (excluding battery and charger): €779 • Tool with “Standard for Wood” saw blade, push stick, angle guide, rip fence, blade guard, dust bag and stand GTA 560 Professional (excluding battery and charger): €879

Specifications	GDS 18V-1000 C Professional	GDS 18V-1050 HC Professional
Battery voltage	18 V	18 V
Max. tightening torque/ breakaway torque	1,000/1,600 Nm	1,050/1,700 Nm
Tool holder	½” square shaft with friction ring	¾” square shaft with friction ring and thru-hole
No-load speed 1st setting/2nd setting/3rd setting	0 – 800/1,300/1,750 min^{-1}	0 – 800/1,300/1,750 min^{-1}
Rated impact rate 1st setting/2nd setting/3rd setting	0 – 1,600/2,300/2,600 min^{-1}	0 – 1,600/2,300/2,600 min^{-1}
Torque	0 – 350/650/1,000 Nm	0 – 350/650/1,050 Nm
Screw diameter	M14 – M24	M14 – M24
Standard mode User interface	A: Metal, B: Wood	A: Metal, B: Wood
Connectivity/App	Yes	Yes
Weight with/without 8.0 Ah battery	2.9/3.9 kg	2.9/3.9 kg
Dimensions (length x height x width)	222 x 240 x 86 mm	222 x 240 x 86 mm
Scope of delivery /recommended retail price excluding VAT	• Tool in a carton: €299 • Tool in an L-Boxx with the GCY 42 Professional connectivity module: €339 • Tool in an L-Boxx with 2 x ProCore18V 5.5 Ah batteries and the GAL 1880 CV Professional charger: €589 • Tool in an L-Boxx with 2 x ProCore18V 8.0 Ah batteries, the GAL 1880 CV Professional charger and the GCY 42 Professional connectivity module: €649	• Tool in a carton: €299 • Tool in an L-Boxx with the GCY 42 Professional connectivity module: €339 • Tool in an L-Boxx with 2 x ProCore18V 8.0 Ah batteries and the GAL 1880 CV Professional charger: €649

Subject to change.

Press photos: #407591c8, #6cc7b824, #5c092df0, #72aaf3d1, #b2aa1777, #686de566, #a6176d85, #939f193c

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Press release
Power Tools

July 7, 2021
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Measure surface temperatures even more precisely: **Bosch GTC 600 C Professional thermal camera** Extended application range both indoors and outdoors

- Higher resolution: More details and sharper image
- Extended measurement range: Temperatures from -20 to +600 degrees Celsius
- More functions: More precise, more convenient inventory and documentation
- Rapid exchange: Data transmission to the Bosch Thermal App

Efficient and timesaving: Bosch is expanding the temperature measurement segment by a precise and versatile thermal camera, the GTC 600 C Professional. In the stored thermal images with a resolution of 256 x 192 pixels, each of the 49,152 pixels corresponds exactly to one measuring point. The result is a detailed and precise thermal image. In addition, the measuring range is between -20 and +600 degrees Celsius and thus offers even more application possibilities than the proven GTC 400 C Professional in the range – especially outdoors and even beyond the use in the construction environment. The tool identifies weak spots such as defective radiators and underfloor heating systems as well as thermal bridges just as reliably as overheating of structural components, for example in switch cabinets or in the automotive sector. The GTC 600 C Professional can be used wherever temperature differences need to be detected quickly and reliably – including, for example, in veterinary medicine to localize inflammations and in agriculture. Here it supports users, for example, in the maintenance of machines and equipment. No matter which application area is concerned: The GTC 600 C Professional is very robust and can even withstand being dropped on concrete from a height of two meters. It is also dust- and splash-proof with protection class IP 54.

Even more efficient thanks to new functions such as a voice note

Quickly recording of the current situation, clarifying the requirements for preparing an offer, and checking and documenting work results – the new functions in the GTC 600 C Professional make it easier to perform these tasks and much more besides. Professionals can now, for example, add a voice note up to 30 seconds long to recorded images. To date, this function was only available

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with tools in a much higher product class. The voice note is easily and conveniently recorded via the integrated microphone and saved in the gallery together with the real and thermal image. This avoids assignment errors, making documentation even easier. The thermal image and voice note can be called up at any time directly on the tool. The operation of the tool is intuitive. In addition to the picture-in-picture function, other functions can be displayed and adjusted at the push of a button, such as the color scale. It can be fixed, for example, in lock mode to visualize measurements of different rooms in the same way and thus compare them better.

The GTC 600 C Professional also now features an extended list of emissivity values: More than 30 different materials are stored. If, for example, the user has selected tiles, the device considers the emissivity of this surface, i.e. its heat radiation, during the infrared measurement. The surface temperature is thus determined more precisely. In addition, professionals can save the five most important materials individually and thus have fast access to them. This function distinguishes the GTC 600 C Professional from competitor models. Users in window construction can, for example, store the emissivity values for plastic, aluminum, glass, wood, and plaster. They can therefore switch more quickly between the individual measurements and work without any interruptions.

Fast data exchange and further processing via a smartphone or PC

The GTC 600 C Professional is equipped with a Wi-Fi module, which the tool uses to establish its own Wi-Fi hotspot. Users can connect their smartphone or tablet to the tool and import the thermal images, including the measured data, via the Bosch Thermal App. This makes it possible to process information immediately and pass it on to customers, colleagues, or other trades. Alternatively, all data can be transferred to a PC via USB-C® cable and processed there by means of the free GTC Transfer Software.

The GTC 600 C Professional thermal imager is available right now. It is operated by an interchangeable battery from the Bosch Professional 12V System. All prices are recommended retail prices excluding VAT.

Specifications	GTC 600 C Professional
Infrared sensor resolution	256 x 192, 49,152 pixels
Measuring range of surface temperature	-20 °C bis +600 °C
Measuring accuracy of surface temperature	± 2 °C[1]
Field of view	45° x 35°
Refresh rate	9 Hz
Thermal sensitivity (NETD)	≤ 50 mK
Dust and splash water protection	IP 54[2]
Connectivity	Yes
Image memory	Up to 600 images[3]
Dimensions (height x length x width)	231 x 102 x 115 mm
Power supply	12 V lithium-ion battery
Runtime per battery charge (2.0 Ah)	Up to 6 hours
Weight (including 2.0 Ah battery)	0.64 kg
Scope of delivery/recommended retail price excluding VAT	• "Click&Go" tool in the L-Boxx including a USB-C® cable: €1,599 • Tool in the L-Boxx including GBA 12V 2.0 Ah Professional battery, GAL 12V-40 Professional charger and USB-C® cable: €1,599

[1]plus use-dependent deviation, for example due to reflection, distance, or ambient temperature

[2]excluding lithium-ion battery

[3]depending on the length of the stored voice note

Subject to change.

Press photos: #0d1a4a3a, #35ec8837, #5d364b35, #0ef58e83

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Press release
Power Tools

The best accessories in the range at a glance: **New Expert line from Bosch for professionals** Understand advantages, increase productivity

July 7, 2021
PI 11355 PT MR

- Covers all major trades and the most demanding applications
- Key technologies from Bosch make Expert accessories superior
- Innovative tile drill bits and reciprocating saw blades are opening new application areas

Bosch makes it easy for tradespeople to choose the suitable accessory by dividing the complete product range into the Bosch Expert (Blue), Bosch Pro (Gray/Blue) and Bosch (White) lines in future. The aim is to provide users with clear guidance across all online and offline channels and contact points. They will know right from the start, what the respective accessories from Bosch can do and how much craftsmen can influence and increase their productivity through the accessories they have chosen. “The best your tool can get” – which is then exactly what the first new line in the range stands for, the high-performance class Bosch Expert in Blue. The Bosch Pro and Bosch lines will follow successively. In future, professional users will be able to directly read on the packaging the advantages and the key technologies which make the Expert accessories from Bosch so efficient. These advantages include, for example, a material removal rate that is up to four times faster when using metal grinding discs with Prisma technology, or up to 100 times longer service life offered by cutting wheels with diamond technology or PVD-coated reciprocating saw blades with carbide technology, compared to the market standard. The Bosch Expert line is unique: it covers the most demanding applications across all major trades. Its accessories are used whenever conventional accessories reach their limits, and they make certain applications possible in the first place. These accessories include the new “Expert HEX-9 HardCeramic” tile drill bits for construction trade, the “Expert Thick Tough Metal” reciprocating saw blades for metal and demolition trades and the “Expert Hardwood fast” jigsaw blades for the woodworking trade.

“Expert HEX-9 HardCeramic” tile drill bits with carbide technology

The “Expert HEX-9 HardCeramic” was developed specially for drilling in hard tiles, primarily porcelain stoneware. Other applications include drilling in roof

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tiles, natural stone tiles and untempered glass. The “Expert HEX-9 HardCeramic” has a lifetime that is up to 10 times longer than current carbide-tipped tile drill bits on the market. Furthermore, it offers faster drilling progress. This is based on special production know-how and the unique design of the tile drill bit: The carbide tip is asymmetric, thereby forming teeth that work through the hard material more efficiently than flat cutting edges. The active centering tip reliably prevents only friction and heat from being generated instead of drilling progress. It also allows a precise drilling start without slipping on the tile. The integrated open stock between the steel body and carbide cutting edges ensures stable drilling progress over the entire lifetime. The result: Much easier and more precise drilling with a longer lifetime of the product. The hex shank of the “Expert HEX-9 HardCeramic” also offers advantages. On the one hand, it ensures that 100 percent of the machine’s power is transferred to the drill bit. On the other hand, it increases the degree of flexibility in the choice of the tool: The “Expert HEX-9 HardCeramic” tile drill bit can not only be used in conventional drills, but also in impact drivers. The range comprises 8 sizes with a diameter from 3 to 12 mm and covers all common applications.

“Expert Thick Tough Metal” reciprocating saw blade with carbide technology

The “Expert Thick Tough Metal” reciprocating saw blades from Bosch allow professional users to work in areas, which are not covered by conventional bi-metal saw blades. These areas include, for example, cutting of cast iron pipes or processing of high-strength and high-alloy steels in car dismantling, ship dismantling and plant deconstruction. The “Expert Thick Tough Metal” reciprocating saw blades are highly durable thanks to carbide technology. Each of the individually welded carbide teeth is initially PVD-coated (Physical Vapour Deposition), which makes them even harder and more wear resistant. The reciprocating saw blades therefore last up to 100 times longer than conventional bi-metal blades – without coating it would be up to 50 times longer. High-quality band material with a thickness of 1.25 millimeters and a height of 25 millimeters make the blade both stable and flexible. Since only the foremost tooth tips are made of carbide, the saw blade remains flexible and withstands bending and torsional forces, which are typical for demolition applications. The reciprocating saw blades cover the lengths 100, 150, 225 and 300 mm and thus all current applications.

In the new Expert line Bosch offers over 1,000 products which are far superior to standard accessories and are available right now. They also include the new “Expert HEX-9 HardCeramic” tile drill bits and the “Expert Thick Tough Metal” reciprocating saw blades.

Tile drill bits “Expert HEX-9 HardCeramic”	**Recommended retail price including VAT**
Available in the diameters 3, 4, 5, 6, 7, 8, 10 and 12 mm, length 90 mm each	From € 13.64 to € 27.51
Different 3-piece and 5-piece sets	From € 49.52 to € 72.52

Reciprocating saw blades “Expert Thick Tough Metal”	**Recommended retail price including VAT**
Available in lengths of 100, 150, 225 and 300 mm	From € 17.44 to € 46.29
Different 3-piece and 10-piece sets	From € 71.55 to € 370.44

Subject to change.

Press photos: #e43410ff, #aa71e3b0, #bba8980, #3fbb2cc6, #f70a9696, #d2c225f4

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