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Bosch Power Tools achieves strong growth once again March 8, 2018 Turnover increase by five percent to 4.7 billion euros in 2017 PI 10072 PT MS

- ▶ User-oriented innovations for tradespeople and DIY enthusiasts
- ▶ More productivity and safety thanks to battery systems, connectivity and sensors
- ▶ Focus on emerging markets

Stuttgart/Leinfelden-Echterdingen – Bosch Power Tools has once again achieved significant growth over the course of the previous financial year of 2017. With 4.7 billion euros, the Bosch division recorded a higher turnover than ever before. This growth corresponds to five percent in local currency and four percent nominally. “We have continued the trend of the past few years and once again significantly increased our turnover,” said Henning von Boxberg, President of the Robert Bosch Power Tools GmbH. “We understand the needs of our users. That is the basis of our success. We increase the productivity and safety of tradespeople with our innovations and make work easier for DIY enthusiasts.” Bosch is continually expanding its range of cordless tools – which are becoming more and more important – in addition to making use of connectivity features for products and services. Von Boxberg commented: “Another important factor for our growth is the long-term focus on emerging markets.” With regard to power tools, Bosch recorded double-digit growth in more than 30 countries across the globe over the last year – including in China, India and Russia.

Success due to innovative products

Innovation is an important basis for the success of Bosch Power Tools. According to Henk Becker, Managing Director of Robert Bosch Power Tools GmbH and, among other aspects, responsible for development: “In the areas of cordless tools, sensor technology and connectivity for power tools in particular, we are using technical advancements for new products and thereby creating added value for the user.” Bosch Power Tools is consistently expanding the cordless segment – in both DIY and professional tools. For its professional series, Bosch is relying on high-performance batteries. “With our new ProCore18V series, we are encountering dimensions of performance previously reserved for mains-powered tools,” commented Henk Becker. “We are committed to offering the

smallest and most powerful batteries on the market – all in one battery system. That is what really sets us apart from the competition.” Bosch is making sure that the lithium-ion batteries are compatible with all existing and future power tools in the same voltage class – for professionals as well as for DIY enthusiasts. In the battery system for DIY enthusiasts, Bosch is now making the “NanoBlade” for vibration-free and precise sawing available with 18 V as well – the technology was introduced as a world’s first last year. The division also uses expertise within the Bosch Group to be able to meet users’ requirements even better. “In future, users will be able to use a single battery to power household tools, such as vacuum cleaners, in addition to DIY and garden tools, such as rotary hammers, jigsaws, hedgecutters and grass trimmers. That is something only Bosch can do,” said Henk Becker. Thanks to this system, users can do without batteries and chargers they do not need, and they can save money at the same time. “The success of our cordless tools is reflected in the Ixo, which celebrates its 15th anniversary this year. It was the first power tool to use a lithium-ion battery and is the most popular power tool worldwide, with 17 million tools sold. The Ixo is our motivation for continuing to open up markets with new technologies in the future.”

Intelligent and connected products

Bosch Power Tools also offers added value through the use of sensors. Bosch sensors are used in impact drills and rotary hammers, for example, to reduce the risk of injury caused by kickback. According to Henk Becker: “We call this function KickBack Control. We have already sold more than four million professional tools with this protective function worldwide – proof that we meet our users’ requirements for a high degree of occupational health and safety especially well.” Increasing connectivity also offers a large potential for further growth: “We are turning conventional power tools into intelligent power tools to offer users an even higher level of convenience and to increase their productivity,” explained Henk Becker. Bosch already offers a broad range of connected tools – from angle grinders to remote-controlled combi lasers. They can be configured individually, offer increased transparency, for example through notifications in case of overheating or for calibration errors on a measuring tool, and provide tips for troubleshooting at the same time. “We are convinced that we will be able to continue offering tradespeople better solutions in the future, which, through connectivity functions, will provide more added value – from individualization through to remote diagnosis,” commented Henk Becker. “Our goal is to connect all of Bosch’s power tools in the coming years.”

Focus on emerging markets

Bosch sees great potential in emerging markets. Henning von Boxberg: “In addition to availability and service, it is especially important in emerging markets that products are affordable. That is why we continually expand this range of prod-

ucts: As of 2018, we already offer nearly 50 professional tools for users in emerging markets – tools which are affordable, durable and easy to maintain.” In Africa, Power Tools will be focusing even more on its own sales organizations in future. “We are expanding our network of logistical and service centers,” said Henning von Boxberg. In the last two years, Power Tools organizations were founded in six African countries.

Bosch is treading new ground and opening up new target groups

Bosch has significantly expanded the measuring tools segment with the Zamo laser measure, an affordable tool that is easy to use for everyone. The next generation is much more than a standard laser measure – Zamo will become a universal household measuring tool. Thanks to different adapters, users can now measure free-standing objects as well as uneven and curved surfaces – making them more flexible than ever. “In future, we will not just accommodate DIY enthusiasts but will also appeal to new target groups as derived from user requirements. Soon you will also find Bosch power tools in other areas of life,” explained Henning von Boxberg. Tools such as the GlassVac window vacuum or the Gluey hot glue pen, which is designed for creative starters who feel most at home when crafting and decorating, are just the beginning.

Bosch Power Tools is one of the world’s leading providers for power tools, power tool accessories and measuring tools. It has a workforce of some 20,000 associates in 62 countries.

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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.

Additional information is available online at www.bosch.com, iot.bosch.com, www.bosch-press.com, twitter.com/BoschPresse.



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Bosch innovations for your home

Speech by Henning von Boxberg,

President of the Robert Bosch Power Tools GmbH

Bosch innovations for productivity and safe working

Speech by Henk Becker,

Managing Director of the Robert Bosch Power Tools GmbH

on the occasion of the press conference

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Ladies and gentlemen,

In the introduction to “Design Thinking”, you have learned how we systematically research the needs and desires of our users, and focus on these when developing products and services.

With our “Design Thinking” approach, we serve all user groups: DIY enthusiasts on the one hand as well as professionals on the other. The requirements of these target groups are very different. For DIY enthusiasts, their own four walls take precedence – the house they want to feel at home in, their garden. We give them the suitable tools to shape their home according to their needs and desires: Bosch innovations for your home.

There are many different kinds of DIY enthusiasts – from the aficionado who implements ambitious projects with a lot of experience and passion and would rather do it all themselves, to the hobbyist who enjoys individualizing their home with loving details such as a self-crafted chair and giving their creative spirit freedom to roam. What they all have in common is a desire to beautify their home and improve their quality of life – according to their own ideas and especially with their own hands. In the future, we will not just cater to DIY enthusiasts but also appeal to new target groups based on user requirements. You will find Bosch power tools in different areas of life – more on that later.

We put ourselves in a DIY enthusiast’s position to inspire and motivate them – and, of course, offer them the perfect tools to create a “Home made by you”. Our innovations make DIY simple.

Simple and reliable detection for safer drilling

An easy-to-use detector for safer drilling – our UniversalDetect. It is the first digital detector for DIY enthusiasts that is controlled via a touchscreen and guides the user through each detection job with step-by-step instructions. This makes work simpler and largely eliminates operating errors. The user

can focus all their attention on detection – calibration occurs automatically and leads to reliable measurement results.

The UniversalDetect is designed for detecting metal, live cables, and drywall constructions – enabling you to avoid damaging existing wires and cables and to drill precisely into drywall constructions that are concealed in the wall. This can help when fitting wall-mounted cabinets, for example.

Even when starting up the tool, DIY enthusiasts receive a short introduction and invaluable advice. Take searching for live cables as an example: To detect them more easily, users should apply power to the cable or place their hand on the wall to ground it. The results are displayed on the screen, via an acoustic signal, and through an illuminated LED ring, which uses a traffic light system to show the detection result. That’s how simple detection can be!

New Zamo generation more flexible than ever before thanks to adapters

You already encountered the new Zamo in our introduction to “Design Thinking”. Deriving from user requirements, we developed a measuring tool that is far more than just a classic laser measure: Now, it not only measures distances of up to 20 meters but also freestanding objects, uneven surfaces and curves very simply. The Zamo, just like the Ixo in its time, gains its high level of flexibility from various adapters: Tape, wheel and laser line adapters. The tape adapter transforms the tool into a digital tape measure which can be used to determine short distances of up to 1.5 meters in a matter of seconds. The Zamo is particularly nimble with its new wheel adapter. It looks a bit like a pizza cutter, gliding smoothly along anything you might need to measure, even if its surface is curved. The new laser line adapter turns the laser point into a laser line which can be used to simply align objects: For example, you can place the Zamo on a tabletop or a pile of books and align the adapter using two levels like any standard spirit level. Then you’re ready to hang up picture frames or shelving while keeping them straight. As well as measuring distances, the Zamo can also calculate surface areas on request.

“NanoBlade” technology makes sawing easier

You might remember: Last year, we presented the world’s first “NanoBlade”. This technology enables low-vibration sawing as well as plunge cuts without pre-drilling. It is based on a saw blade with a revolving micro-chain which consists of chain links four millimeters in size. The revolving micro-chain means that the stroke movement which is typical of jigsaws and saber saws, featuring high vibrations and saw blade running, is no longer required. Even inexperienced DIY enthusiasts can use it to saw particularly simply and precisely. Thanks to the new SDS, replacing saw blades is also quick and easy. The range includes the 12 V EasyCut 12 multi-saw, which is especially suited to freehand cuts, and the corded EasyCut 50 and AdvancedCut 50 models, which are designed for exact cuts and plunge cuts.

Now, we are also making “NanoBlade” technology available to our 18 V battery system: The AdvancedCut 18 is suitable for both indoor and outdoor use. It saws wood as well as plastics and composites quickly and powerfully. The optimum coordination of motor and gearbox in combination with an intelligent electronic system called the “Syneon Chip” is the reason it can cut 250 roof battens with a size of 24 x 48 millimeters to length on a single battery charge. The AdvancedCut 18 is also well balanced and, thanks to its compact design, can be conveniently guided with one hand. This is enabled by the brushless motor. It occupies less space, has a longer lifetime and does not require any maintenance.

AdvancedDrill 18 and AdvancedImpact 18 for working conveniently

The cordless AdvancedDrill 18 drill driver and the cordless AdvancedImpact 18 impact screwdriver are even easier to operate than previous models. Their intuitive operating concept makes them more convenient to work with. Just one click electronically changes the rotation direction of the screwdriver – both on the right and left-hand side of the tool. The selected setting can be conveniently viewed via green LED arrows on the back of the tool. The forward arrow indicates forward rotation, the backward arrow signifies reverse rotation. If the tool goes unused for a prolonged period, it automatically

switches back to forward rotation and therefore the main application. In addition, both tools use self-explanatory symbols to display the correct mode – screwdriving, drilling and also impact drilling in the case of the AdvancedImpact 18. Pre-selecting the speed is also easier: It can be continuously adjusted via a minimum-to-maximum scale. This minimizes application errors and simplifies the life of DIY enthusiasts.

With a weight of only around one kilogram and an ergonomic handle, both screwdrivers fit comfortably in your hand. This compact design is made possible by the brushless motor. Furthermore, both screwdrivers offer additional flexibility thanks to the tried-and-tested QuickSnap adapters: You can use the tools in conjunction with a drill chuck, an eccentric adapter or an angle screw adapter, allowing you to work with precision even in hard-to-reach areas. A new feature is the magnetic screw holder that can be attached to the QuickSnap interface instead of the interchangeable adapters. This makes inserting and turning in screws more simple.

Compact cordless screwdriver for the trouser pocket

Our PushDrive cordless screwdriver also contributes to making screw fittings easier and more convenient. It is the ideal tool to quickly drive in a screw or access a tight corner. Just slightly larger than a classic manual screwdriver, the cordless screwdriver fits easily into your trouser pocket and is therefore always at hand. Thanks to the Push&Go function, the PushDrive offers convenient handling without the need to press a switch: Simply position the tool with the screw against the workpiece, put slight pressure on the cordless screwdriver and it's ready to kick off powerfully. Its design makes the compact and convenient PushDrive especially suited to making screw fittings from bottom to top, such as when fitting worktops or wall-mounted shelves.

The torque selection feature of the new cordless screwdriver ensures more control while working as well as consistent screwdriving results. A total of six different settings are available. If the switch is set to the middle position, the

bit holder becomes locked so that the PushDrive can be used like a classic manual screwdriver. This way, DIY enthusiasts can fine-tune the screws.

Ixo – the world’s most popular power tool turns 15

We are as proud as ever of our Ixo: Slotted, cross-headed and Torx – in letters I-X-O – with a name inspired by these three screw types, the Ixo set out to conquer the world 15 years ago. The cult status among DIY enthusiasts is owed to its handy ever-ready feature combined with its small size, convenient design and intuitive operating concept.

The Ixo has spruced itself up for its anniversary in a limited edition as Ixo Gold&Black. With its elegant black design, decorative gold line and fabric label, which also shines golden for the special occasion, we are underlining the unique status of the Ixo once more. The Ixo is the most popular power tool in the world. It has been enriching homes with its versatility for 15 years: Driving screws around corners, opening wine bottles, seasoning dishes, firing up the coal on a barbecue, cutting various materials and even trimming grass and shrubs – the Ixo can do all that and more. Now, it screws more beautifully than ever in its gala robe.

In the same way that the Ixo found many friends outside the sworn-in DIY community, we are also always trying to tap into new target groups with our innovative products – such as creative starters who feel most at home when crafting and decorating. This too falls under “Home made by you”.

Give your creations a hot new look: The Gluey hot glue pen

Our Gluey hot glue pen is perfectly tailored for these creative starters. It is ideal for spontaneous ideas as well as more time-consuming projects: Design unique greeting cards decorated with rhinestones, buttons or cords, capture moments in scrapbooks with shells or tickets, create wrapping paper perfectly suited to the occasion – the Gluey can do all this and much more. It is comfortable to hold, glues paper, textiles, plastic, cardboard, wood, stone, glass and leather in seconds and does not even stop at uneven surfaces. The

Gluey requires mini glue sticks – the range available includes transparent, colored and glitter glue. Gluey models stand out in five radiant colors: Lagoon Blue, Marshmallow, Smoky Grey, Evergreen and Cupcake Pink. In this way, it makes its message clear: I am not a power tool, I am an extended arm for your creative ideas.

Operating the hot glue pen is very simple: Switch it on via a button on the end of the tool and insert the glue stick of your choice. After a maximum of 60 seconds, a green LED ring will indicate that it is ready to use. The adhesive is then simply pushed forwards by a slider and can be metered precisely and in a controlled manner. There are no limits to creativity – the new “Home made by you”.

Window cleaning made easy with the GlassVac cordless window vacuum

In the future, you will also find Bosch power tools in different areas of life – in the household for example. This too falls under “Home made by you”. Take our GlassVac cordless window vacuum. It cleans quickly and without squeaking or leaving streaks – for the wiper blade, we use existing Bosch expertise from the automotive sector. The wiper blades have innovative rubber strip technology with a polymer coating, which until now had only been used for windshield wipers from Bosch. This is one example of the kind of beneficial synergy that is only possible at Bosch. The wiper blade glides effortlessly over surfaces because it generates very little friction. The wiper lip is also very robust and durable and lasts longer than conventional rubber lips. The GlassVac is the most compact tool on the market: At a height of only 22 centimeters, it is shorter than equivalent competitor models and can therefore vacuum up to all edges and into all corners more easily.

Sensible systems make work easier

We are meeting the need to make work as simple as possible with our system approach. Our “Power for All” battery system, which covers DIY and garden tools, has already proven successful for a long time and is being continuously expanded. The same 18 V lithium-ion battery will soon be used

to operate more than 25 different power tools, from rotary hammers to grass trimmers. In this year alone, we are adding seven further tools, among them our “NanoBlade” saw and a battery-powered high-pressure washer. You only need one battery and one charger for each volt class. This enables you to do without batteries and chargers that you do not need, and you can save money at the same time. This is what we call “combining with a system”.

Maximum runtime, thanks to the “Syneon Chip”

Another advantage of our cordless tools: They enable up to 85 percent more applications than comparable competitor models. This is based on optimum coordination of key components such as the motor and gearbox combined with an intelligent electronic system called the “Syneon Chip”. This always offers DIY enthusiasts the maximum runtime for each project. For example, the PSR 18 LI-2 cordless drill driver allows you to drive up to 60 percent more screws per battery charge and drill up to 80 percent more holes than with comparable competitor tools. Furthermore, our tools maintain full power until the battery is empty. This allows DIY enthusiasts to continue screwdriving, drilling, sawing, grinding or even cleaning the terrace at full capacity until the battery is empty.

And we go one step further: In the future, our battery system for DIY and garden tools will also include household appliances such as vacuum cleaners. Here too, we use synergy within the Bosch Group to be able to meet our users’ needs even better: Something only Bosch can do.

Tools, accessories and materials combined in a SystemBox

In the future, DIY enthusiasts will also be able to implement projects simpler and faster with our SystemBox range. What’s behind this? With the SystemBox from Bosch, you have your tools, accessories and any materials you need to hand at all times. The new stackable storage and transport system clearly organizes everything that is required to carry out preparatory and follow-up work for projects while saving time. The SystemBox is available empty

or already equipped for the three most common DIY tasks: Sawing, drilling and screwdriving as well as working with multifunction tools.

The SystemBox is transformed into a mobile sawing station when combined with the PST 700 jigsaw: The “Sawing” SystemBox simply guides inexperienced users to cut cleanly and with the correct sawing technique – it provides everything that is required for sawing and supplemented by step-by-step instructions. In addition to the jigsaw, the box contains two clamps which can be used to quickly and simply transform the box into a workbench for clamping the workpiece. With three different saw blade types and additional equipment such as a pen, an angle, crepe tape, a folding rule and an anti-slip mat which is placed under the SystemBox when sawing, DIY enthusiasts are ideally equipped for a variety of sawing projects, while saving space and time.

With the “Screwdriving and drilling” SystemBox, DIY enthusiasts are perfectly equipped and ready to go with a powerful cordless drill driver or combi drill as well as bits, screws, plugs, brass hooks, drills for metal and masonry, spade drills and countersinks – everything you need for screwdriving, drilling and fastening.

With the “Multifunction” SystemBox, DIY enthusiasts are well-equipped for a wide variety of tasks. The multifunction tool is supplemented by four application-oriented accessory sets: one for using the multifunction tools as all-rounders, one for installing and renovating wooden floors, one for sanding tasks and one for projects involving tiles and grout. One accessory set is included in this SystemBox, the other three are available separately. In this way you can select only the accessories you really need, while saving money.

This is how we communicate: The new online magazine allaboutdiy.com

We communicate with users in many different ways: Via our specialist Bosch advisors at DIY stores, on our website, via our newsletter, Facebook and YouTube as well as in our DIY forum 1-2-do.com. But we want to do even more: We want to be a reliable companion who is always there for DIY

enthusiasts, inspiring them, helping them with constructing exciting projects and imparting knowledge in a simple and comprehensible way. This is why we set up the new online magazine allaboutdiy.com. Every DIY or garden enthusiast can find beautiful, practical and even strange things – new inspiration and ideas to spur on their creativity. Projects such as constructing a shelf from wooden slats, making your own clock or building a chest of drawers are described clearly. In the DIY school section you can learn to work expertly. There you can find materials science, tips and tricks and many simple but precise instructions for wonderful projects you can try building, gardening or crafting yourself. What tools are used for which tasks? What material is suited to which project? And how do you drill a decent hole in the wall? Answers to these questions and many more tips, tricks and trends can be discovered at allaboutdiy.com. Have a little look and get inspired!

Ladies and gentlemen,

Now that I am drawing my speech to a close, let me sum up the most important points for you once again:

- Thanks to “Design Thinking”, we are familiar with the requirements of our users and develop solutions that make work easier for them.
- We invest in battery systems such as “Power for All” for various kinds of DIY and garden tools – and soon household appliances as well.
- We use synergy within the Bosch Group to provide users with even better products.
- Not only do we consistently develop existing segments, but we also tap into new target groups.

Now, Henk Becker will present the innovations for professionals.

Ladies and gentlemen,

Tradespeople have different needs from those of the DIY enthusiast. They have to deliver high quality in a very short time frame. Only in this way can they hold their own in the face of competition. At the same time, occupational health and safety plays an increasingly important role. Our aim is to provide professionals with tools that are safe to use and will increase productivity in their day-to-day work.

We continue to expand our range of products based on user needs. I would like to introduce you to four key aspects today. These are: High-performance cordless tools, intelligent products and services, our solutions for a high degree of occupational health and safety, as well as accessories, which turn a tool into a complete system.

A growing number of professionals are relying on cordless tools. The total market share of cordless tools when looking at professional power tools in industrialized markets has increased by nine percent on average in the last ten years. In 2017, they already accounted for 64 percent. This trend will continue in coming years. Why? Cordless tools high mobility on construction sites without long set-up times – tradespeople can start work immediately. They are fast and flexible which leads to higher productivity. But only with the right power source.

A new performance class: The ProCore18V battery series

That is why we are relying on high-performance batteries. With our new ProCore18V series, we are entering dimensions of performance previously reserved for mains-powered tools. We are committed to offering the smallest, most compact and most powerful batteries on the market – all in one battery system. That is what really sets us apart from the competition.

We have revolutionized 18 V battery technology and can offer professionals the perfect high-performance battery for any application: Whether “Compact”, “Performance” or “Endurance” – we are providing tradespeople with the bat-

tery that best supports them with their specific task with regard to size and runtime.

Our “Compact” 4.0 Ah ProCore18V battery is single-layered thanks to new, higher-capacity cells. As a result, it is significantly smaller and lighter than the standard two-layered 4.0 Ah battery – while providing the same performance.

Our “Performance” 8.0 Ah battery offers around 90 percent more power than standard batteries of its size. It can be used for applications that were previously only possible with mains-powered tools. With existing tools, it increases performance by up to 30 percent. In the case of the GWS 18V-125 SC Professional angle grinder, this means a 30 percent higher material removal rate when grinding with a flap disk compared to our standard 6.0 Ah battery – in the same amount of time. The “Performance” 8.0 Ah ProCore battery also offers impressive results in continuous use at the limit: Our GBH 18V-26 Professional rotary hammer drills two and a half times as many holes with a diameter of 25 millimeters in a concrete wall than with the standard 6.0 Ah battery.

Another example of continuous use at the limit is sawing a 40 millimeters thick hardwood board – a big task for our GKS 18V-57 Professional hand-held circular saw. With the ProCore high-performance battery, it saws two and a half times the distance compared to the standard battery – without interruption.

For especially intensive applications, such as chiseling with a cordless rotary hammer or sanding down large weld seams with a cordless angle grinder, we recommend our “Endurance” battery. It is the first 12.0 Ah battery on the international market and therefore offers the highest battery capacity among its competitors.

In short: Our ProCore18V batteries offer up to 90 percent more power while simultaneously being the most compact high-performance 18 V batteries on the market. “Compact”, “Performance” or “Endurance” – tradespeople are flexible and can select the right battery size and runtime for their requirements. They do not have to carry unnecessary weight and only pay for what they actually need.

In addition, we are making sure that our lithium-ion batteries are compatible with all existing and future power tools in the same voltage class – there are no exceptions. You can operate our drill driver from 2008 with the exact same battery as our latest FlexiClick screwdriver, available from May. That is what we mean by added value for the user – and what sets us apart from the competition.

For us, the cordless segment is an important growth area which we are consistently expanding – we are launching innovations that fulfill our users’ needs. Since last year, we have launched more than 25 new cordless tools, including the first Bosch hammer with active integrated dust extraction and the world’s first connectivity angle grinder with a user interface – for more productivity on the construction site.

The fastest and world’s first connected charger for 18 volts

Our new ProCore series also fulfills the demand for fast battery charging: Thanks to new technology, we have made charging times even shorter once again. A brief look back: In 2015, we introduced the GAL 1880 CV Professional charger, already creating a new standard: With a charge current of eight amperes, it was the fastest charger on the market, making us charging world champion. We are now surpassing that achievement with the new GAL 18V-160 C Professional. Our flagship for a new generation of chargers provides 16 amperes of charging current, which doubles its charging speed. For example, it now charges the 12.0 Ah ProCore18V to 80 percent in less than 40 minutes. In addition, the charger is the world’s first with a connectivity function. Tradespeople can easily connect it to their smartphone using the

Bosch Toolbox app, making information such as the remaining charge time and general battery condition available. In addition, they can choose between four different charging modes – from a very gentle mode to protect the battery, through to superfast charging. For example, in the “Power Boost” mode, the battery can be half charged in a very short time, allowing tradespeople to continue working faster on the building site. Our contribution to productivity.

Increased productivity thanks to intelligent products and services

Our new charger is already an example of an intelligent, connected product. Let me explore this topic in more depth. We are convinced that connectivity functions can increase the productivity of a company as well as each individual tradesperson. Our range covers everything from organizing and managing a business to using, servicing and maintaining tools.

Business owners, for example, can now keep an even closer eye on their tool stock levels thanks to the further developed “TrackMyTools” inventory management system. We have optimized the system based on user feedback. It automatically reminds tradespeople if a tool has been left behind on the construction site – which can save businesses a lot of money. But the system can do so much more: Business owners now have a complete overview of all the machinery and the fleet of vehicles, including purchase and maintenance receipts as well as warranty certificates. They know which maintenance intervals or MOT dates are coming up. They can assign vehicles to employees and allocate the corresponding tools to them as well. In addition, they can keep a record of important employee dates such as annual occupational safety training. That goes far beyond conventional inventory management. More than 1,000 companies in Germany already use “TrackMyTools”. We make it easy to get started: Companies can use our system with limited functionalities, for example without date management, free of charge and with no time limitations.

Error-free data transfer and simple documentation

Of course, connected power tools from Bosch also offer added value for tradespeople on site. Let me give you three examples related to measuring tools. Firstly: Our new GLM 120 C Professional laser measure. It is equipped with a Bluetooth interface, allowing the measured values to be transferred directly to the Measuring Master app for further processing. This means that, for example, you can share measured data with colleagues, carry out material calculations, or create and adjust floor plans. The app also acts as a remote control for the laser measure, allowing measurements to be taken without blurring and without requiring any assistance from colleagues. Now that's productive!

Of course, connectivity functions are not the only feature that make our new laser measure special. The focus is on the requirements of the user: Previously, it was difficult to precisely identify the laser point in bright environments or over long distances. That is where the GLM 120 C Professional comes in: It is the first Bosch laser measure with an integrated camera. Users can use the cross-hair on the display to precisely aim for the target point – and, as a result, they can also precisely measure over large distances of up to 120 meters.

The display uses the same technology as smartphones: The LCD module is firmly connected to the glass surface, meaning that the light is not broken in the space between and is not reflected. The display can be easily viewed from every perspective – even from the side. This means that it is easier to read, in contrast to traditional laser measures, particularly when used outdoors.

Connected thermal imager for greater clarity and easier documentation

We are also offering tradespeople the advantages of connectivity with our GTC 400 C Professional thermal imager. Checking that radiators and under-floor heating work evenly, detecting overheating in electrical installations or finding thermal bridges, energy losses and sources of air draft – all this is

simple to complete using the thermal imager. The thermal imager accompanies and assists tradespeople in every phase of their project: From advising customers with a visualization of the problem areas, to preparatory tasks such as inspecting where lines are installed, through to efficient documentation and follow-up work.

The advantage of connectivity: You can connect your smartphone or tablet to the tool and transfer the thermal images, including the measured data, to the Measuring Master app. With this app, the images taken can be edited directly and notes or information can be added – a solid base for determining required measures. In addition, the thermal images produced and the measured data can be passed on to customers, colleagues or other trades – efficiently and without delays.

Each of the 19,200 pixels in the saved thermal images corresponds to exactly one measuring point. The result is a detailed and conclusive thermal image. I would like to point out one function in particular at this time: The image-in-image function. This displays the thermal image within the context of the original image, which makes it easy to assign and locate measurements. It is these details which make work that much easier for users.

New line laser generation with connectivity function

Connectivity functions also increase productivity when working with line lasers. Our new line lasers with red or green diodes are the first line lasers worldwide which can be controlled using an app and Bluetooth interface. Tradespeople can, for example, switch the individual laser lines on and off with our Levelling Remote app without touching the tool and mistakenly adjusting positioned laser lines. This increases precision. Furthermore, controlling using an app facilitates work in difficult-to-access areas. You can also conveniently adjust the brightness of the laser lines – for better visibility or to save battery power.

Both tools project three 360° lines: One horizontal and two vertical. The two vertical laser lines intersect and each provides a plumb point – one on the floor and one on the ceiling. With their three 360° lines, the lasers cover a wide range of applications – be it the dividing of spaces in dry construction, precision in tiling, or for furniture assembly and the installation of dividing walls. Multiple tradespeople are able to work on different areas simultaneously and therefore only need a single tool. That is our contribution to productivity and cost savings.

The GLL 3-80 CG Professional operates with green laser lines that are up to four times more visible to the human eye than the red laser lines on similar tools. This pays off in bright environments in particular. In addition, the green laser diode is more powerful in comparison with tools that use color conversion from red diodes into green light. It also has a longer lifetime thanks to its lower operating temperature and is more compact.

Cal Guard – a world's first: Bosch sensors monitor calibration

Our new generation of line lasers also leads the competition in terms of servicing and maintenance. There are various external influences which can interfere with the calibration of the line laser and are not always apparent at first glance. For example, if the tool has been heavily shaken in a fall or stored at a temperature outside the permissible range of between -20 °C and +70 °C. This is where our world's first, the sensor-controlled Cal Guard, steps in: The tool displays these events via a red LED light that warns the user of calibration errors, thus ensuring precise results. The app provides users with detailed information about the warning, meaning that they always have an eye on the tool's calibration and can carry out all of their work with precision. The Bosch sensors monitor the condition of the measuring tool constantly, even when it is switched off. If the measuring tool is not connected to a battery power supply, an internal energy storage device will support monitoring for 72 hours.

Automatic messages from the tool to your smartphone

I would like to give you another example of connectivity functions creating greater transparency in terms of servicing and maintenance with the GWS 18V-125 C Professional angle grinder: If the electronics, battery or motor overheat, it uses the Bluetooth module to send a message to your smartphone and includes tips for troubleshooting and error prevention at the same time.

We already offer a broad range of connected tools – from angle grinders to remote-controlled combi lasers. Including our innovations, we will reach more than 20 professional tools this year, including many world's firsts. We are convinced that we will be able to continue offering better solutions, which, through connectivity functions, will provide more added value – from individualization through to remote diagnosis. Our goal is to connect all of Bosch's power tools in coming years in order to fulfill our users' needs even better.

Working efficiently and without risking your health

We want to make work easier for tradespeople. One essential aspect in doing so is occupational health and safety. We offer professionals a comprehensive system to make work efficient and healthy. Our range covers mechanical and electric solutions, anti-vibration measures and sensor solutions as well as dust management. Our magnetic brake system, for example, shortens the brake time on angle grinders by up to 70 percent. So-called dead man's switches also play a significant role: Our "Protection Switch" ensures that the angle grinder will only run for as long as the switch is pressed. It is designed such that it can be operated along the entire length of the handle – whether the angle grinder is held at the front, the back or the middle. This allows users to always maintain full control of their tool, even in difficult working positions.

In order to minimize vibrations, we provide tools with Vibration Control or vibration-proof handles. The GSA 18V-32 Professional saber saw, for example, has a counterbalance weight 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.

Two key aspects of our system are sensor solutions, which directly minimize the risk of injury for users, and dust management solutions, which protect users in the long term.

Added value through sensor technology enjoys high acceptance by users

We offer users added value through sensor technology. Bosch sensors are used in our drill drivers and rotary hammers, for example, to reduce the risk of injury caused by kickback. If the integrated sensor detects a sudden blockage while working – for example, if the drill bit jams – the motor switches off within a split second. We call this function KickBack Control. It has now been integrated into 25 Bosch professional power tools. We have already sold more than four million professional tools with this protective function worldwide – proof that we meet our users' needs for a high degree of occupational health and safety especially well. We use expertise from within our company for this development, too: Bosch is a leading manufacturer of sensors – our foundation for providing tradespeople with sensor-based technology for more safety.

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 health risks such as breathing in dust. We offer professionals the right solution for nearly every application: Our Click & Clean system comprises tools, wet/dry extractors, extractor accessories and L-Boxxes, which are precisely coordinated with each other and which function together to make work healthier, more tool-friendly, faster, more efficient and more precise. That includes our M certified wet/dry dust 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 from the 2-to 27 kilogram class, or with dust guards for angle grinders. They extract the dust directly from where it is produced – and thereby minimize the risk to your health.

Accessories can also significantly contribute to protecting your health, as I am about to show you. In general, the following applies: A power tool is only as good as the accessories used. They make it a complete system. We provide power tools and accessories from a single source for perfect results.

System solution for virtually dust-free sanding

Our system solution for virtually dust-free sanding comprises an innovative sanding net with an open net structure, a multi-hole sanding pad, our vibration-proof orbit sander and an extractor from the Click & Clean system. It saves tradespeople, for example in dry construction or interior finishing work, time-intensive cleaning after use, as it reduces dust exposure by up to 95 percent.

Unlike conventional sanding sheets, the open net structure enables dust extraction across the entire surface. Clogging due to residue as well as the workpiece or environment becoming covered in dust are minimized. At the same time, the lifetime of the abrasive is increased and a high material removal rate ensured. The sanding net is especially efficient when used in combination with the multi-hole pad: Its design enables dust extraction that is up to 50 percent higher compared to common six- to eight-hole standard pads. In addition, it is the only multi-hole pad of its kind on the market which is compatible with all common orbit sanders. The sanding process is fast and efficient – without damaging your health.

Higher material removal in two steps: grinding system for angle grinders

For our next system, the main focus is on saving time: Using our two-step grinding system for angle grinders, professionals can grind mild and stainless steel surfaces smooth in just two steps. The optimized system offers an even higher material removal rate and ensures time savings of up to 25 percent for

tradespeople, compared to conventional grinding with multiple fiber disks of different grit sizes. The system covers all common applications, such as removing coarse to fine weld seams.

The process consists of using a fiber disk and an SCM disk, which perfectly match together. First of all, the fiber disk is used to remove the weld seam, then the SCM disk is used to achieve a smooth surface with a fine structure.

The new fiber disk has a longer lifetime and offers a higher material removal rate than previous zirconia fiber disks, thanks to the ceramic grit used: It is harder, tougher and breaks better than zircon, meaning that it continuously sharpens itself. A coolant applied to the surface of the ceramic fiber disk minimizes discoloration.

The SCM fleece disk also ensures a higher material removal rate in comparison to previous disks, thanks to a higher grit content. At the same time, it offers a smooth, even surface without visible scratches. The disk's elasticity provides the basis for this: Attached to the flexible carrier material are equally flexible nylon fibers combined with fine abrasive grit. These materials act like a spring and prevent the abrasive from penetrating deep into the workpiece. Moreover, the abrasive follows the existing surface structure. This means that you can even achieve good grinding results on uneven surfaces. Productivity – made by Bosch.

Carbide technology creates new application possibilities

Accessories with carbide technology make for fast working progress and high productivity while sawing. They can be used in circumstances where conventional accessories reach their limits. Examples include our new reciprocating saw blades for demolition work in wood with metal, for fast cuts in thick wood and specially for pallet repairs.

Selected carbide grades and special welding technology allow for reliable, low-wear sawing and a lifetime that is up to 20 times longer than bi-metal

products. This means that hard materials such as high-strength and high-alloy steel, as well as abrasive materials, can be worked on – application ranges that are currently not covered by conventional bi-metal products.

The “Endurance for Wood+Metal Demolition” reciprocating saw blade has been specially designed for demolition work in wood with metal. The blade is ideal for cutting metal-coated components or components with screws and hardened nails embedded in them, for example casing boards. The embedding of the carbide teeth in the blade is reinforced to allow the saw blade to withstand these loads. In addition, the teeth are spaced further apart which increases the cutting speed. The blade withstands bending forces thanks to individually welded-on teeth. The carbide technology additionally allows for reliable work when the saw blade comes into contact with gypsum, mortar or bricks.

With the “Speed for Wood” reciprocating saw blade, we are offering the first carbide reciprocating saw blade optimized for quick cuts in thick wood. It can cut powerfully through oak, beech, green wood, dried wood, roots and even large pieces of construction timber. The design of the saw blade ensures extreme speed: The large spacing of 8 millimeters between each tooth transports saw dust away efficiently. Using carbide technology also enables the high sawing speed to be maintained and prevents it from decreasing after each cut, as is the case with saw blades made from bi-metal or tool steel.

The “Endurance for HardNail Pallets” is the world’s first carbide reciprocating saw blade for professional pallet repairs. An increasing number of pallets are being built with hardened nails – until now, removing damaged parts with bi-metal blades resulted in extremely high wear of the blade. This is where the “Endurance for HardNail Pallets” shows its strengths. The individual tungsten carbide teeth have a constant tooth spacing of three millimeters, and are therefore designed to withstand the high loads involved in sawing work. A high-quality band material and a band material thickness of just one millimeter make the blade particularly flexible. Welded-on tungsten carbide

teeth and a reinforced shaft also make it extremely durable. The result: Even hardened nails can be cut efficiently.

All-rounder: “Endurance for Heavy Duty” carbide holesaw

In the future, professionals can also make use of the advantages of carbide technology with the “Endurance for Heavy Duty” holesaw. Wood, metal, brick, plastic, tiles, dry construction materials – it cuts through many different materials without overheating. It stands out from the conventional 40 millimeters models offered by competitors thanks to its increased cutting depth of up to 60 millimeters. The “PowerChange Plus Adapter”, which forms part of the system, has also been optimized for this application: It now has a stronger shaft and a more accurate pilot drill bit. In addition, it is the only product of its kind on the market which allows accessories to be changed without the need for tools. The centering hole can be drilled without using a holesaw and with an unobstructed view. One click is all it takes – and the holesaw is positioned ready to use on the adapter. The centering hole means that no force is necessary for attachment which protects the teeth and prevents the drill bit from breaking due to tilting. In this way, we make it easy for tradespeople to accurately create recesses and through-holes.

Bosch innovations for productivity and safe working

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

- We create innovations for increased productivity and safe working.
- We consistently expand our cordless range and enter dimensions of performance previously reserved for mains-powered tools.
- We connect power tools – with added value for users in organization and management, on-site use as well as servicing and maintenance.
- A power tool is only as good as the accessories used. We provide power tools and accessories from a single source for perfect results.

Thank you for your attention.

Press photos: #959051, #959052

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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.

Additional information is available online at www.bosch.com, iot.bosch.com, www.bosch-press.com, twitter.com/BoschPresse.



BOSCH

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Record sales thanks to innovations for users

Speech by Henning von Boxberg,

President of the Robert Bosch Power Tools GmbH

on the occasion of the press conference

in Leinfelden on March 8, 2018

Check against delivery.

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Ladies and gentlemen,

We have just given you an insight into how we align our products and services with the user and their needs: We increase productivity and safety for tradespeople, and make DIY simpler. As a result, we were again very successful last year. Our innovations are well received by the user. What's behind it? How do we do it?

Our strategy is based on four growth segments:

- We bring user-focused innovations to the market – both for DIY enthusiasts and tradespeople.
- We seize the opportunities of increasing digitalization – by using sensor technology and connectivity.
- We are consistently continuing our longstanding commitment in emerging markets.
- We continue to focus on our strong Bosch brand.

User-focused innovation as a growth driver

In the following, I would like to give you a better understanding of these growth segments. What is the basis for our innovative strength? You have seen it again today: “Design Thinking” is our basis for user-focused innovation. We systematically research the needs and desires of our users, and focus on these when developing products and services. “Design Thinking” has three core elements: The first is that we develop our ideas for products and services in cross-functional teams. Colleagues from different departments such as Development, Marketing and Logistics work together in one team. A second crucial element are inspiring working conditions that foster creativity and collaboration. This includes technical equipment for mobile work, spaces that enable focused individual work as well as feedback and communication, but also flexible working hours. You can see how much we value the working environment simply by looking at our location here. We are investing substantially in a new building that will be completed before the end of this year. The third element of “Design Thinking” relates to the process: Products and services are created in many systematic iterative steps. During

the development process, we check time and again whether the user finds our product useful, can operate it easily, enjoys using it and also whether the product meets the aesthetic requirements.

This “Design Thinking” approach resulted in the EasyCut 12, for example. We derived the underlying sawing principle – the “NanoBlade” technology with the revolving micro-chain – from the needs of the user: Virtually vibration-free and therefore, very precise working – with a convenient cordless saw for the home and garden. Compared to well-known jigsaws this world novelty has many advantages, for example freehand cuts in a variety of materials can be done in no time at all.

Another example is the EasyPrune cordless secateurs: The user wants to easily cut individual branches in hedges or shrubs and fruit trees with just one hand. Thanks to the power-assist technology, the EasyPrune replaces heavy and difficult to handle pruning shears: If the force needed for cutting exceeds a set limit, the electronic power-assist function will automatically cut in. With the EasyPrune, we have created a whole new market segment: Electrically assisted cordless secateurs.

Synergies through the use of Bosch Group know-how

One advantage we have over our competitors is the extensive technological expertise within the Bosch Group – which we use to bring innovations for our users to the market. We use sensors from the automotive sector in power tools to increase occupational safety. Examples are KickBack Control or Drop Control in professional tools. In the case of the EasyPrune, we have successfully transferred the principle used for eBikes – power assistance when you need it – to secateurs. The quality of our GlassVac window vacuum is partly based on Bosch’s expertise in wiper blades for vehicles.

Success through innovation

Ultimately, it is the user who decides how successful our innovations are. Take the Ixo as an example, a tool we brought to market 15 years ago

and which is now the most popular power tool in the world. For a long time, this convenient and easy-to-use cordless screwdriver has been more than just a tool. With numerous adapters, it can be used to assist with barbecues, opening bottles or trimming plants. To-date, more than 17 million Ixo models have been sold. In this anniversary year, we are celebrating this success with a special edition in gold and black.

Our latest Zamo also follows the principle of the convenient, easy-to-use tool with various attachments. After selling around four million tools, we are now introducing a new generation with different adapters. The Zamo can therefore also be used as a digital tape measure or to measure uneven courses. With the Zamo, we have brought strong growth to the laser measure market – and we are following this up with the new generation. Another example of how professional users appreciate our innovations: Our hacksaw blades for jigsaws and reciprocating saws are particularly popular with users. Six billion of these products have now been sold.

Digitalization for increased convenience and productivity

The second strategic growth segment that we want to talk about is the use of opportunities offered by connectivity for products and for services. We are seeing rapid development in the field of digitalization: Computing power doubles every 18 months, while the available Internet bandwidth doubles every 21 months. This development is the basis for us to turn our classic power tools into intelligent power tools – by using connectivity and sensors.

This means increased convenience for the user and, ultimately, increased productivity. Our new professional cordless angle grinders are the first angle grinders worldwide to have a connectivity function: Thanks to an integrable Bluetooth module and the “MyTools” function in the Bosch Toolbox app, users can connect the tools to their smartphone. This means that they can personalize their tool, configure it to suit their individual needs, and call up tool information. For the first time, the angle grinders also feature a multi-

functional user interface, which allows professionals to keep an eye on the tool status at all times. The user receives information about the tool's status and the battery's charging state. There are also tips for troubleshooting, for example if the tool has switched off as a result of overheating. With connected power tools, we also make maintenance work easier for the user. Of course the tools can also be used with our "TrackMyTools" inventory management.

Connectivity via Bluetooth interface and app

The GLL 3-80 C Professional and GLL 3-80 CG Professional line lasers are the first line lasers worldwide which can be controlled using an app and Blue-tooth interface. For example, tradespeople can use the Bosch Levelling Remote app to switch on and off the laser lines individually without touching the tool and altering settings accidentally when handling the device. The user can also easily adjust the brightness of the laser lines. In future, he will also receive information about potential negative effects caused by impacts or temperature. The app is part of the Bosch Toolbox app, which is available free of charge in the Google Play Store and in the Apple App Store.

The Bluetooth interface on the new GLM 120 C Professional laser measure makes it possible to transfer the measured values directly to the Measuring Master app, where they can be further processed. This means that, for example, you can share measured data with colleagues, carry out material calculations, or create and adjust floor plans. Furthermore, the app is used as a remote control for the GLM 120 C Professional, meaning that measurements can be taken without blurring and without requiring any assistance from colleagues.

Improved occupational health and safety thanks to sensors

Thanks to the Bosch Group's expertise in sensor technology, we used sensors for occupational health and safety at an early stage. The KickBack Control offers increased protection, for example. Thanks to the sensor signal, it switches off the motor within a split second if there are sudden blockages

during the work process – for example when tilting a drill or cutting disc – thus reducing the risk of injury caused by kickback. KickBack Control has now been integrated into 25 Bosch Professional power tools, including rotary hammers, angle grinders and drill drivers.

Long-term commitment in emerging markets

Of course, our growth strategy is not just aimed at industrialized markets. We continue to see great opportunities in emerging markets. In addition to availability and service, it is particularly important that the products are affordable. We are therefore continuously expanding our product range: In 2018, we are already offering a total of almost 50 professional products for users in emerging markets – products that are both affordable and durable, and can be easily maintained.

We work intensively on the African continent, for example, where the expected population growth alone provides enormous potential for growth. In order to convince African users that switching from a traditional hand tool to a power tool brings benefits, we will focus more intensively on our own sales organizations. We are also continuously expanding the network of logistics and service centers. In the past two years, we have founded additional power tools organizations in six African countries. We believe that this investment will pay off not just for our growth but also for the economies in these countries.

Addressing targeted users with a strong brand

Last but not least, we are building on our strong Bosch brand. We are the only manufacturer of power tools offering products for all user groups under one brand. This means that the potential target group for Bosch power tools is huge: According to our estimates, if we add professionals in industrialized and emerging markets and then DIY enthusiasts and garden-lovers too, we could gain around one billion people across the world as users of Bosch power tools.

It is especially important here to specifically target the respective users. I would like to provide you with an example of our brand communication for professional users. Our message: We assist you in achieving the best results in the most efficient way – so it's all about productivity, according to the motto: "It's in your hands".

The second example from our DIY world is clearly distinguished from this: We help DIY enthusiasts and garden-lovers to express their own creativity. So this is all about "Home made by you".

Record sales: Bosch Power Tools continues to see substantial growth

Following this insight into our growth strategy, with a focus on innovation, digitalization, emerging markets and a strong brand, I would now like to demonstrate the economic consequences of this. We were again extremely successful in 2017 – more successful than ever. Our sales grew strongly to the record level of 4.7 billion euros. This growth corresponds to five percent in local currency and four percent nominally.

On average over the past five years, we have grown by six percent annually and thus faster than the global market, which grew by an average of four percent. With regard to the German market, we were even more successful in the past five years and the difference is even more evident here: Between 2012 and 2017, the German market grew by an average of four percent while we grew by an average of ten percent.

We are convinced that our innovations are the best prerequisite for future success. We will again launch over 100 new products on the market in 2018 – in Germany alone. These are innovations that assist professionals in increasing their productivity and innovations that further simplify DIY and invite users to discover their creativity. Feel free to test for yourself what it is like to work with our new tools.

I would like to briefly recap the most important points:

- Bosch Power Tools again achieved record sales in 2017.
- We are growing faster than our competitors.
- Our growth is based on four growth segments: Innovation, digitalization, emerging markets and a strong brand.
- Our primary focus is and always will be the user and their needs.

Thank you for your attention.

Press photo: #959051

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More flexible than ever: **The new Zamo generation from Bosch** World's first laser measure with adapters

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- ▶ Even more application possibilities thanks to module attachments
- ▶ Quick measurement thanks to intuitive handling
- ▶ Simple surface calculation at the press of a button

The Bosch Zamo is now multi-functional. Bosch is introducing a concept to the measurement technology segment that is already familiar to DIY enthusiasts who use the Ixo cordless screwdriver: a range of adapters – in tape, wheel, and laser line versions – will open up completely new possibilities for DIY enthusiasts to realize creative ideas. The new Zamo is much more than a standard laser measure – it is a universal helper for every household.

Measure easily with the tape adapter

Measuring made easy – and not just when sewing. The new tape adapter transforms the Zamo into a digital tape measure which can be used to determine short distances of up to 1.5 meters in a matter of seconds. Simply pull out the adapter's flexible tape, measure the object of your choice, and press the button to bring up the measured value on the Zamo's illuminated display. Whether you're working out a waist measurement, arm or leg lengths, the size of picture frames or TV diagonals, the advantage is the high precision with which the Zamo measures. You can be sure that every outfit will fit perfectly – and your television set will shine on your living room wall just as the Zamo does thanks to its reflective surface.

Quick measurement with the wheel adapter

The Zamo is particularly nimble with its new wheel adapter. It looks a bit like a pizza cutter, gliding smoothly anything you might need to measure, even if its surface is curved. This enables you to quickly determine how many meters of cable you need when running it along a door or how much material you need to give your favorite armchair a new look. You can also quickly ensure that pictures are spaced out evenly when hung on the wall. The Zamo starts measuring as

soon as the wheel adapter touches a surface and stops again once it is removed from it – it’s quick and easy.

Everything lined up in a row with the laser line adapter

No matter how hard you try, the pictures in the living room or the wardrobe hooks always hang crooked? The new laser line adapter of the Zamo provides a remedy. It turns the laser point into a laser line, on which objects can be aligned in no time at all. For example, you can place the Zamo on a tabletop or a pile of books and align the adapter using two levels like any standard spirit level. Then you’re ready to hang up picture frames, shelving or anything you like neatly in a row. You can project a horizontal or vertical line, depending on the edge the Zamo is resting on. This tool is all about clean, straight lines – both in terms of its design and its applications around the home.

New square meter function for fast surface calculations

As well as measuring distances, the Zamo can additionally calculate surface areas on request based on the last two measured values recorded. You just need to double-click and a precise square meter measurement will appear on the display. You can see at a glance exactly how much carpet you need to lay in your living room or how much paint you will need when redecorating. Pulling out a calculator or your smartphone to make additional calculations is a thing of the past - let the new Zamo take care of it for you.

The new Zamo will be available from October. The prices are recommended retail prices including VAT. Subject to change.

Specifications	Zamo (third generation)
Measuring range	0.15 – 20 m
Typical measuring accuracy	± 3 mm
Laser diode/resolution/laser class	635 nm, < 1 mw, class 2
Power supply	2x 1.5 V AAA batteries
Operating time	approx. 5 h (with continuous measurement)
Reference edge (start of measurement)	Back edge of the tool
Dimensions (length x width x height)	105 x 38 x 22.3 mm
Weight (including batteries)	approx. 85 g
Items included/Recommended retail price including VAT	<ul style="list-style-type: none"> • Tool without adapter incl. 2 x 1.5 V AAA batteries: €59.99 • Set incl. tape, wheel, and laser line adapters, and 2 x 1.5 V AAA batteries: €99.99 Adapters bought separately: <ul style="list-style-type: none"> • Wheel and laser line adapter: €14.99 • Tape adapter: €19.99

Press photos: #1352113, #1352114, #1352115, #1352116

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Quick, easy and powerful sawing in house and garden: **New “NanoBlade” saw from Bosch for DIY enthusiasts** 18 volt cordless saw expands existing range

March 8, 2018
PI 10076 PT MS

- ▶ “NanoBlade” saw blade: Low vibrations, precise and maintenance-free
- ▶ AdvancedCut 18: Quick and powerful thanks to brushless motor
- ▶ Expansion of the “Power for All” battery system

“NanoBlade” saw blades stand for vibration-free, simple and precise sawing. Bosch is consistently pursuing technology that enables users to achieve exact cuts instantly and is expanding its [existing range of saws](#) with a new tool: the AdvancedCut 18 cordless saw with 18 volts for versatile and flexible applications. This means that DIY enthusiasts now have a choice of a total of four “NanoBlade” saws for nearly every application. Their shared advantage: “NanoBlade” technology is based on a saw blade with a revolving micro-chain, consisting of chain links that are only four millimeters in size. This means that the stroke movement that is typical of jigsaws and sabre saws, featuring high vibrations and saw blade running, is no longer required. The result is a saw which makes work particularly easy and precise and allows do-it-yourselfers to produce exact right angles.

One for all purposes: AdvancedCut 18 saws flexibly, quickly and powerfully

Cutting roof battens, shelves, beams or plastic tubes to length, trimming branches and sawing firewood to size: The AdvancedCut 18 all-purpose tool saws wood as well as plastics and composites particularly quickly and precisely with powerful 18 volts. For example, the saw can cut 250 roof battens of 24 x 48 millimeters to length – with just one charge of the 2.5 Ah battery. The tool’s design is well-balanced and particularly compact so that DIY enthusiasts can guide the cordless saw with just one hand and work comfortably, even on larger garden projects such as constructing sandboxes, flower boxes or rabbit hutches. This is enabled by the brushless motor. It occupies less space, has a longer lifetime and does not require any maintenance.

A system for combining tools: “Power for All” from Bosch

The AdvancedCut 18 is part of the “Power for All” battery system, which comprises DIY and garden tools. The same 18 volt lithium-ion battery can currently be used to operate more than 20 different power tools, from grass trimmers to rotary hammers. This enables do-it-yourselfers to do without batteries and chargers that they do not need, and they can save money at the same time. A “Power for All” logo on the packaging indicates which tools belong to the system.

The AdvancedCut 18 will be available from July 2018. The prices given are recommended retail prices including VAT. Subject to change.

Specifications	AdvancedCut 18
Battery voltage/capacity	18 V/2.5 Ah
No-load speed	0 – 7000 min ⁻¹
Max. cutting depth	65 mm
Dimensions without blade (length x height x width)	270 x 110 x 85 mm
Weight without/with battery	0.7/1.1 kg
Scope of delivery/recommended retail price including VAT	<ul style="list-style-type: none">• Individual tool without battery and charger: €159.99• Including 2.5 Ah battery and AL 1830 charger: €219.99 <p>Each with “NanoBlade Speed 65 mm” saw blade, saw blade protection and hanger loop</p>

Already available in the Bosch range:

- The EasyCut 12 cordless multi-saw
- The corded models EasyCut 50 and AdvancedCut 50

For further information, please refer to [PI 9188](#).

Press photos: #1352117, #1352118

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Cordless screwdrivers with intuitive operating concept: **AdvancedDrill 18 and AdvancedImpact 18 from Bosch** Interchangeable adapters offer maximum flexibility

March 8, 2018
PI 10077 PT MS

- ▶ Increased convenience thanks to intuitive user interface and new rotation switch
- ▶ Simple adjustment thanks to self-explanatory symbols and speed scale
- ▶ High flexibility thanks to tried-and-tested QuickSnap adapters
- ▶ Compact, long-lasting and maintenance-free thanks to brushless motor

With the AdvancedDrill 18 and the AdvancedImpact 18 from Bosch, DIY enthusiasts are now able to screw and drill powerfully, while operating the tool easily and intuitively. The powerful 18-volt cordless drill/driver and combi drill feature a new operating concept: with just one click DIY enthusiasts can now electronically change their screwdriver's rotation direction – both on the right and left-hand side of the tool. The selected setting can simply be viewed from green LED arrows on the back of the tool. The forward arrow indicates right rotation, the backward arrow left rotation. If the tool goes unused for a prolonged period, it automatically switches back to right rotation direction and thus to the main application. In addition, both tools use self-explanatory symbols to display the correct mode – screwdriving, drilling and also impact drilling in the case of the AdvancedImpact 18. Pre-selecting the speed is also easier: It can be continuously adjusted via a minimum-to-maximum scale. This minimizes application errors and makes work easier. With a weight of only around one kilogram and an ergonomic handle, both screwdrivers fit comfortably in your hand. This compact design is made possible by the brushless motor, which also makes the tools longer-lasting and maintenance-free.

Interchangeable adapters and a new screw holder offer maximum flexibility

The range of applications extends from conventional screwdriving to drilling in wood and metal as well as for the AdvancedImpact 18 to impact drilling into masonry. Both screwdrivers additionally offer maximum flexibility thanks to the tried-and-tested QuickSnap adapters: DIY enthusiasts can use the tools in conjunction with a drill chuck, an eccentric or an angle screw adapter, allowing them to work with precision even in hard-to-reach areas. This includes, for

example, loosening screws and screwing close to edges of cabinets or drilling in tight spaces. A new feature is the magnetic screw holder, which can be attached to the QuickSnap interface instead of the interchangeable adapters: This makes inserting and turning in screws more simple.

The drill chuck can now hold round-shank drill bits up to 13 millimeters in diameter and can also be used in conjunction with the angle screw adapter for any application that does not require the use of an impact drill, such as drilling into wood or metal. This allows you to drive screws and drill holes around corners, and can be locked in any one of eight different positions. When using the eccentric adapter, DIY enthusiasts can screw precisely as close as 10 millimeters from the edge. This adapter can also be locked in eight different positions and like the angle screw adapter, it has a hex socket and a magnetic bit holder. The equipment for both tools is rounded off by a bit garage on the base of the tool: This keeps the required bit ready to hand at all times.

A system for combining tools: “Power for All” from Bosch

The AdvancedDrill 18 and AdvancedImpact 18 are part of the “Power for All” battery system, which covers DIY and garden tools. The same 18 volt lithium-ion battery can be used to operate more than 20 different power tools, from grass trimmers to rotary hammers. This enables do-it-yourselfers to do without batteries and chargers that they do not need, and they can save money at the same time. The “Power for All” logo on the packaging shows which tools are part of the system.

The AdvancedDrill 18 and AdvancedImpact 18 will be available from November 2018. All prices are recommended retail prices including VAT. Subject to change.

Specifications*	AdvancedDrill 18	AdvancedImpact 18
Battery voltage/capacity	18 V/2.5 Ah	18 V/2.5 Ah
Dimensions without adapter (length x height x width)	144.6 x 224.7 x 59.8 mm	158.6 x 224.7 x 59.8 mm
Max. torque (soft/hard)	25/32 Nm	25/32 Nm
No-load speed	0 – 430/1400 rpm	0 – 500/1600 rpm
Max. impact rate	–	24,000 rpm
Tool holder	Hex socket	Hex socket
Max. drilling diameter in wood/steel/masonry	35/13/– mm	35/13/11 mm
Max. screw diameter	10 mm	10 mm
Weight including battery	1 kg including screw holder	1 kg including screw holder
QuickSnap adapters	<ul style="list-style-type: none"> • Drill chuck adapter • Angle screw adapter • Eccentric adapter 	<ul style="list-style-type: none"> • Drill chuck adapter • Angle screw adapter • Eccentric adapter
Scope of delivery/recommended retail price including VAT	<ul style="list-style-type: none"> • As a solo version in box incl. screw holder, drill chuck adapter and screwdriver bit: €109.99 	<ul style="list-style-type: none"> • As a solo version in box incl. screw holder, drill chuck adapter and screwdriver bit: €129.99
	In tool case incl. screw holder, drill chuck adapter, screwdriver bit and <ul style="list-style-type: none"> • 1 x 2.5 Ah battery and charger: €189.99 • 2 x 2.5 Ah battery and charger: €219.99 	In tool case incl. screw holder, drill chuck adapter, screwdriver bit and <ul style="list-style-type: none"> • 1 x 2.5 Ah battery and charger: €209.99 • 2 x 2.5 Ah battery and charger: €239.99
	In tool case incl. screw holder, drill chuck adapter, angle screw adapter, eccentric adapter, screwdriver bit and <ul style="list-style-type: none"> • 1 x 2.5 Ah battery and charger: €229.99 • 2 x 2.5 Ah battery and charger: €259.99 	In tool case incl. screw holder, drill chuck adapter, angle screw adapter, eccentric adapter, screwdriver bit and <ul style="list-style-type: none"> • 1 x 2.5 Ah battery and charger: €249.99 • 2 x 2.5 Ah battery and charger: €279.99

*All information is provisional and based on internal measurements

Press photos: #1352119, #1352120, #1352121, #1352122, #1352123

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Compact cordless screwdriver for the trouser pocket: **Bosch PushDrive with Push&Go function** Powerful assistance on extensive projects

March 8, 2018
PI 10078 PT MS

- ▶ Simple handling due to the Push&Go function
- ▶ Increased control thanks to torque selection
- ▶ Precision adjustment thanks to manual tightening with locked bit holder

Thanks to the Push&Go function, the new PushDrive cordless screwdriver from Bosch offers DIY enthusiasts convenient handling without the need to press a switch: Simply position the tool with the screw against the workpiece, put slight pressure on the cordless screwdriver and it's ready to kick off powerfully. The PushDrive is ideal when you need a compact screwdriver for your large-scale project. Just slightly larger than a classic manual screwdriver, the cordless screwdriver fits easily into your trouser pocket and is therefore always at hand.

Neat results thanks to torque selection and neutral position

The torque selection feature of the new cordless screwdriver ensures more control while working as well as consistent screwdriving results. It will help DIY enthusiasts to optimally adjust the power required for the screwdriving process according to material and application. A total of six different settings are available. The PushDrive provides additional control with the middle position of the rotational direction setting switch. If this switch is set to the middle position, the bit holder becomes locked so that the PushDrive can be used like a classic manual screwdriver. This way, DIY enthusiasts can fine-tune the screws by tightening them manually – therefore avoiding over-tightening, wear on the screws and damage to the surface of the material.

Compact and always ready for action on large-scale projects

Whether you are implementing a project, carrying out small repairs or working overhead – with the new cordless screwdriver, Bosch is providing experienced DIY enthusiasts with the perfect tool to quickly drive in a screw or access a tight corner. Its design makes the compact and convenient PushDrive especially suited to making screw fittings from bottom to top, such as when fitting worktops

or wall-mounted shelves. If the guide rails for a drawer need fitting at the back of the dresser, DIY enthusiasts can also use the cordless screwdriver comfortably by pressing it to the workpiece. Thanks to tried-and-tested lithium ion technology, the cordless screwdriver is always ready for action – without battery self-discharge or memory effect. The practical micro USB charger allows for quick charging times and flexible connection options. For example, the PushDrive can be easily charged using a smartphone cable.

The PushDrive will be available from October 2018. All prices are recommended retail prices including VAT. Subject to change.

Specifications	PushDrive
Battery voltage/capacity	3.6 V lithium-ion/1.5 Ah
No-load speed	360 rpm
Max. torque soft/hard screwdriving applications	2,5/5 Nm
Max. screw diameter	5 mm
Charging time	1.5 h
Chuck	Magnetic bit holder with hex socket
Weight including 1.5 Ah battery	300 g
Dimensions (length x height x width)	182 x 38 x 38 mm
Scope of delivery/Recommended retail price including VAT	Tool with 32-piece bit set and micro USB charger in a storage box: €69.99

Press photos: #1352124, #1352125

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Cordless screwdriver with anniversary design: **The Ixo Gold&Black from Bosch** The world's most popular power tool turns 15

March 8, 2018
PI 10079 PT MS

- ▶ Most versatile cordless screwdriver with cult status among do-it-yourselfers
- ▶ Limited special-edition in black with gold elements
- ▶ Exclusive anniversary design, from the packaging to the accessories

The Ixo has hit the mark in terms of style – it has spruced itself up for its anniversary in a limited special edition as Ixo Gold&Black. With its elegant black design, decorative gold line and fabric label, which also shines golden for the special occasion, the Ixo is underlining its unique status once more: It is the world's most popular power tool – with cult status among do-it-yourselfers. It has been enriching homes with its versatility for 15 years: Driving screws around corners, opening wine bottles, seasoning dishes, firing up the coal on a barbecue, cutting various materials and even trimming grass and shrubs – the little everyday helper can do all that and more with the nine Ixo Collection adapters. The Ixo Gold&Black with its new design is now more stylish than ever while screwing.

Small cordless screwdriver – big anniversary: cult status for 15 years

Small, light, convenient – there is no need to be big to revolutionize the do-it-yourselfer market. The Ixo does an impressive job of proving this. Since its launch in 2003, Bosch has been consistently developing the cordless screwdriver from Ixo I to Ixo V, continuously expanding the Ixo Collection with unique adapters. With these developments, Ixo has repeatedly had its finger on the pulse of the times: So far, more than 17 million units have been sold. The cult status among do-it-yourselfers is owed to its handy ever-ready feature combined with its small size, convenient design and intuitive operating concept. The Ixo Gold&Black pays tribute to the Ixo V and brings creative ideas to light: The “PowerLight”, an LED light on the screwdriver's head, lights up the work area either as a spotlight or stray light. The Ixo has also repeatedly shaken things up with its special designs: In the Ixo Gold&Black, as with the 2010 Ixo Swarovski, when the little helper in a crystal-studded housing stylishly finished applications in home and garden. Slotted, cross-headed and Torx – in letters I-X-O – with a

name inspired by these three screw types, the Ixo set out to conquer the world 15 years ago – today it celebrates its success in a black and gold gala design.

The Ixo Gold&Black will be available from April 2018. In its anniversary edition, the cordless screwdriver is presented in a soft, black, high-grade bag with a gold zipper. It also features a two-part Micro USB charger for more flexible applications and ten screwdriver bits, also in gold as it befits the occasion. The Bosch range of accessories is also undergoing a gold rush, sharing in the anniversary with a matching special edition of the 27-piece bit and ratchet set. All prices are recommended retail prices including VAT. Subject to change.

Specifications	Ixo Gold&Black
Battery voltage/capacity	3.6 V lithium-ion/1.5 Ah
No-load speed	215 rpm
Max. torque	4.5 Nm
Max. screw diameter	5 mm
Charging time	3 h
Weight including 1.5 Ah battery	300 g
Scope of delivery/recommended retail price including VAT	In a soft bag incl. Micro USB charger and ten screwdriver bits: €54.99

Press photos: #1352126, #1352127

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Give your creations a hot new look: **The Gluey hot glue pen from Bosch** A handy tool for any project

March 8, 2018
PI 10080 PT MS

- ▶ Glues various materials in a matter of seconds
- ▶ Works with mini glue sticks in various colors
- ▶ Five shiny models in different colors, from „Evergreen“ to „Cupcake Pink“

The Gluey hot glue pen from Bosch reveals at first glance that it is different. It fits comfortably into your hand like a jumbo marker pen, making it look particularly attractive. With five models in the colors „Evergreen“, „Lagoon Blue“, „Smoky Grey“, „Cupcake Pink“ and „Marshmallow“, it will give your creations a hot new look. It glues paper, textiles, plastic, cardboard, wood, stone, glass, leather and, unlike normal all-purpose adhesive, does not even stop at uneven surfaces. Everything it joins together holds within seconds – without the hassle of having to wait around for it to dry or holding objects in place. To do this, the Gluey uses mini glue sticks: The range available includes transparent, colored and glitter glue.

1001 projects, from greetings cards to purses – every creation will be unique

The Gluey is ideal for spontaneous ideas as well as more time-consuming projects: Customize greeting cards with rhinestones, buttons or cord, illustrate your memory books with shells or entry tickets, create gift packaging tailored to the occasion, glue ornaments made of folded paper or mosaics made from pearls and glass stones – the Gluey can do all this and much more. Basic repairs can also be done in no time. The Gluey hot pen joins together wooden toys which got damaged or broken and mends torn-off loops or buckles from textiles and footwear. The Gluey is also hot on the heels of the upcycling trend: For example, it can turn buttons, cans and brushes into decorative pictures and sculptures. There are no limits to creativity.

Switch on, heat up, get gluing!

The Gluey is extremely easy to use: Switch it on via a button on the end of the hot glue pen and place the glue stick of your choice into the compartment in the front part of the handle. A green LED ring indicates when it is ready to use: The LED

flashing means that it is heating up, when it lights up permanently, the Gluey is ready to go – it takes no more than 60 seconds. The adhesive is then simply pushed forwards by a slider and can thus be metered precisely and in a controlled manner. The Gluey is powered by two rechargeable batteries with which up to 60 glue sticks can be processed. The green LED ring also indicates the charge status. If the light starts to flash rapidly, the batteries need to be recharged. To remove them, simply untwist the Gluey like a fountain pen. Then reinsert the batteries, twist the pen and you're ready to go again – working with hot glue couldn't be easier.

The Gluey is available from June. The prices given are recommended retail prices including VAT. Subject to change.

Price	Gluey
Items included/Recommended retail price including VAT	Tool incl. USB charger, two rechargeable batteries and 20 mini glue sticks <ul style="list-style-type: none"> • 8 x transparent, • 7 x colored, • 5 x glitter at a price of € 34.99. Glue sticks are available from the Bosch accessories range in sets of 70 units: <ul style="list-style-type: none"> • transparent: € 2.99 • colored: € 3.99 • glitter: € 6.99

Press photos: #1352128, #1352129, #1352130

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Fast organization for every project: **The SystemBox from Bosch for DIY enthusiasts** Tools and accessories always tidy and ready to hand

March 8, 2018
PI 10081 PT MS

- ▶ Tools, accessories and materials in a stackable, modular box
- ▶ Sawing made easy with the “Sawing” SystemBox for inexperienced users
- ▶ Ready to start right away with the “Screwdriving and drilling” SystemBox
- ▶ Equipped for a varied range of applications with the “Multifunction” SystemBox

Everything you need in just one box – with the SystemBox from Bosch, DIY enthusiasts have their tools, accessories and any materials they need always ready to hand. The new storage and transport system clearly organizes everything that is required to carry out preparatory and follow-up work for projects while saving time. The SystemBox is available empty or pre-filled for the three most common DIY tasks: Sawing, drilling and screwdriving, and working with multifunction tools. Compatible accessory boxes are available in three sizes. They can be combined in any way and simply hooked into the SystemBox. This ensures that nothing slips out of place and that parts do not get mixed up. Up to nine accessory boxes can be fitted into the SystemBox without tools. Another advantage over conventional transport cases is that several SystemBoxes can be clicked together, stacked to save space and transported more easily when joined together. The system is extended by the addition of a cover box, which simply clicks into place and offers quick access to flat materials such as saw blades or rules. Its transparent lid provides DIY enthusiasts with a clear view of everything they need.

Sawing made easy with the “Sawing” SystemBox for inexperienced users

The SystemBox is transformed into a mobile sawing station when combined with the PST 700 jigsaw: The “Sawing” SystemBox leads inexperienced users to clean cutting and the correct, low-vibration sawing technique – it provides everything that is required for sawing and is supplemented by step-by-step instructions. In addition to the jigsaw, the box contains two clamps, which can be used to quickly and easily transform the box into a workbench for clamping the workpiece. With three different saw blade types and additional equipment such

as a pen, an angle, a crepe tape, folding rule and an anti-slip mat which is placed under the SystemBox when sawing, DIY enthusiasts are well-equipped for various sawing projects, while saving space and time.

Ready to start right away with the “Screwdriving and drilling” SystemBox

Bits, screws, plugs, brass hooks, drills for metal and masonry, spade drills and countersinks – you no longer have to spend time gathering together everything you need for screwdriving, drilling and fastening. DIY enthusiasts are ready to start work right away with the “Screwdriving and drilling” SystemBox, as this box provides a powerful cordless drill/driver or combi drill as well as an extensive accessory set with more than 240 parts. DIY enthusiasts can choose between the 14.4 volt and 18 volt tools – PSR 1440, PSR 1800 and PSB 1800 – each of which is equipped with two 1.5 Ah batteries. All equipment is stored in the accessory boxes – also part of the set – and a cover box, where they are always ready to hand.

The right solution for every project with the “Multifunction” SystemBox

Simply choose the right solution for each project and only buy what you really need – that’s possible with the “Multifunction” SystemBox for the PMF 250 CES and PMF 350 CES multifunction tools. They are accompanied by a total of four application-specific accessory sets: Whether DIY enthusiasts want to use the multifunction tools as all-rounders or specifically for installing and renovating wooden floors, for sanding tasks or for projects involving tiles and grout – Bosch offers an accessory set for each of these applications. This enables DIY enthusiasts to economically tailor their choice of accessories to the specific project and add further accessories if required. Each SystemBox includes a multifunction tool and your choice of accessory set. There are additional sets available to complement the SystemBox. A total of up to four accessory boxes can fit in the SystemBox with a multifunction tool.

The empty, “Sawing”, “Screwdriving and drilling” and “Multifunction” SystemBoxes will be available from October 2018. All prices are recommended retail prices including VAT. Subject to change.

SystemBox, empty	These are the recommended retail prices including VAT
SystemBox	€49.99
Accessory box, small	€4.99
Accessory box, medium	€6.99
Accessory box, large	€8.99
Cover box	€12.99

“Sawing” SystemBox/items included	These are the recommended retail prices including VAT
PST 700 jigsaw in the SystemBox including two clamps, three types of saw blade, anti-slip mat, crepe tape, square, pin, folding rule and step-by-step instructions	€119.90

“Screwdriving and drilling” SystemBox/items included	These are the recommended retail prices including VAT
PSR 1440 cordless drill/driver in the SystemBox including cover box, 241 accessories and compatible accessory boxes	€219.99
PSR 1800 cordless drill/driver in the SystemBox including cover box, 241 accessories and compatible accessory boxes	€249.99
Cordless combi drill PSB 1800 in the SystemBox including cover box, 241 accessories and compatible accessory boxes	€259.99

“Multifunction” SystemBox/ Comes complete with	These are the recommended retail prices including VAT
PMF 250 CES including your choice of accessory box	€159.99
PMF 350 CES including your choice of accessory box	€199.99
Four application-specific accessory sets each in the accessory box	€59.99 each

Press photos: #1352131, #1352132, #1352133, #1352134

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Most compact high-performance batteries on the market: **New Bosch ProCore18V series for professionals** Fastest charger in its class

March 8, 2018
PI 10082 PT MS

- ▶ More power thanks to ProCore18V 4.0, 8.0, and 12.0 Ah batteries
- ▶ Fastest charging with world's first connected charger
- ▶ Full compatibility with the existing 18 volt range

It's a whole new power class: Bosch has upgraded its ProCore18V batteries for professionals and is now offering the most compact high-performance 18 volt batteries on the market with its ProCore18V 4.0, 8.0, and 12.0 Ah. The combination of a new cell generation with higher capacity and a battery design with improved CoolPack technology enables a very compact battery with higher power output. For example, the 8.0 Ah ProCore18V offers around 90 percent more power than standard 18 volt batteries. This allows tradespeople to make faster work progress. In addition, with the GAL 18V-160 C Professional, Bosch has created the fastest charger for 18 volt batteries – the world's first with connectivity – allowing tradespeople to achieve greater productivity.

“Compact”, “Performance”, and “Endurance” ProCore18V batteries

High performance, a long lifetime, and compatibility with the existing range – these features are designed to make day-to-day work easier and are in the focus of the new ProCore18V battery range. The optimal size is available for every application: The “Compact” 4.0 Ah ProCore18V battery is single-layered thanks to new, higher-capacity cells. As a result, it is significantly smaller and lighter than the standard two-layered 4.0 Ah battery, but offers the same power. This makes serial applications and overhead work much easier. The “Performance” 8.0 Ah ProCore18V battery is suitable for a broader range of applications, including more power-intensive tasks. Its power is comparable to that of a power pack with 1600 watts. For particularly intensive applications using cordless rotary hammers, angle grinders, or circular saws, the “Endurance” 12.0 Ah ProCore18V battery is available.

Longer lifetime thanks to improved CoolPack technology

Batteries with CoolPack technology have a significantly longer lifetime than conventional batteries. They enable tradespeople to perform power-intensive applications over a long period of time. Heat dissipation is maximized as a result of the interaction between several components: The housing and the cooling elements in the interior, which completely encase each individual cell, are made from high-density polyethylene. Both the material and the special design, aimed at increasing the surface area, allow better heat dissipation. In addition, the battery is designed without any gaps, which ensures the heat produced is not stored in the interior. Improved cell connectors made from copper also provide lower resistances and more power as a result.

The fastest and world's first connected charger for 18 volts

The GAL 18V-160 C Professional is the fastest charger for 18 volt batteries. It provides 16 amperes of charging current, charging the 12.0 Ah ProCore18V battery to 80 percent in around 35 minutes, for example – this is twice the speed of the GAL 1880 Professional. In addition, the charger is the world's first with a connectivity function. Tradespeople can easily connect it to their smartphone using the Bosch Toolbox app, making information such as the remaining charge time and general battery condition readily available. In addition, they can choose between four different charging modes – from a very gentle mode to protect the battery, through to superfast charging. For example, in the “Power Boost” mode the battery can be half charged in a very short time, allowing tradespeople to continue working faster on the building site.

Full compatibility with the existing range

All batteries in the ProCore18V system are part of the “Flexible Power System” from Bosch. This guarantees compatibility between all new and existing power tools and chargers within the same voltage class, offering tradespeople planning and cost security.

The new ProCore18V batteries and GAL 18V-160 C Professional charger will be available from September 2018. All prices are recommended retail prices excluding VAT. Subject to change.

Specifications*	ProCore18V 4.0 Ah	ProCore18V 8.0 Ah (replaces 7.0 Ah Pro- Core18V)	ProCore18V 12.0 Ah
Battery voltage/capacity	18 V/4.0 Ah	18 V/8.0 Ah	18 V/12.0 Ah
Weight	0.55 kg	1.01 kg	1.43 kg
Dimensions (length x width x height)	117 x 77 x 47 mm	117 x 77 x 69 mm	117 x 77 x 91 mm
Charging time with the GAL 18V-60 C Profes- sional 80/100%	approx. 30/45 mins	approx. 35/50 mins	approx. 35/55 mins
Scope of delivery/ Recommended retail price excluding VAT	€149	€219	€299

Specifications*	GAL 18V-160 C Professional
Battery voltage	18 V
Charging current	16 A
Dimensions (length x width x height)	195 x 123 x 85 mm
Connectivity	Yes
Weight	0.75 kg
Scope of delivery/Recommended retail price excluding VAT	€129

*All information is provisional and based on internal measurements

Press photos: #1352135, #1352136, #1352137

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Remarkably precise – even when used outdoors: **The first Bosch laser measure with camera** Increased efficiency thanks to connectivity

March 8, 2018
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- ▶ Digital precision over large distances thanks to viewfinder with zoom function
- ▶ Rapid detection, documentation and remote control via Measuring Master App
- ▶ Optimal readability thanks to large color display with robust protective screen

The measurement of lengths, areas, volumes and inclines will be even easier and more efficient thanks to the new GLM 120 C Professional laser measure from Bosch. The tool is ideal for all trades that rely upon fast and precise measurements indoors and, in particular, outdoors – from painters, plasterers and landscape gardeners, through to architects. Previously, it was difficult to precisely identify the laser point of a laser measure in bright environments or over long distances. This is where the new GLM 120 C Professional comes into play: It is the first laser measure from Bosch to come with an integrated camera. Users can use this and the cross-hair on the display to precisely aim for the target point – and, as a result, they can also precisely measure over large distances of up to 120 meters. The camera has a resolution of five megapixels, works with a three-stage zoom, saves up to 700 images and shows the last 50 images, along with the measured values, in the display. This means that each individual measurement can be assigned.

Bluetooth interface for processing the data

Thanks to the Bluetooth interface, the measured values can be transferred directly to the [Measuring Master App](#) and be further processed. This means that, for example, you can share measured data with colleagues, carry out material calculations, or create and adjust floor plans. Furthermore, the app is used as a remote control for the GLM 120 C Professional, meaning that measurements can be taken without blurring and without requiring any assistance from colleagues. The Measuring Master App is available to download for free from the Apple App Store and Google Play Store. In addition, a Micro-USB interface means that the internal memory can be read on the PC as a CSV list and JPEG.

Simple operation minimizes application errors

The GLM 120 C Professional focuses on simple operation using the selection wheel, as was the case with the GLM 50 C Professional. The functions that can be selected include, for example, the stake-out function, with which you can very quickly measure and mark equal distances. The tool also features a 360° tilt sensor and, therefore, can also be used to measure inclines and as a digital spirit level. Furthermore, you can switch the GLM 120 C Professional on or off using an additional measurement button on the side, and trigger the measuring process so that you can guarantee comfortable and flexible handling in any environment. The newly integrated user guidance offers tradespeople help in the form of text and animations, right from the first time they use the tool. The automatic detection of the measuring pin is also new: The tool detects when the pin is fully extended, for example for measurements out of a corner. In this case, users do not have to manually switch the reference – they only have to confirm this. This minimizes measurement errors.

Easy-to-read color display with robust protective screen

Users can read and check the last four measurements and the current measurement result on the 2.8 inch color display during the measurement. The color display rotates automatically (as with smartphones), allowing the user to easily read off values in any situation and at any incline. The same display technology is also used: The LCD module is firmly attached to the glass surface, meaning that the light is not broken in the space and is not reflected. In addition, the display can be easily viewed from every perspective – even from the side. This means that it is easier to read, in contrast to traditional laser measures, particularly when used outdoors. Thanks to the robust protective screen, the GLM 120 C Professional can withstand any use on the construction site.

The GLM 120 C Professional is available from May 2018. All prices are recommended retail prices excluding VAT. Subject to change.

Specifications	GLM 120 C Professional (replaces the GLM 100 C Professional and GLM 150 Professional)
Measuring range	0.08 – 120 m
Typical measuring accuracy	± 1.5 mm
Tilt sensor range	360° (4 x 90°)
Measurement accuracy for inclines	0.2°
Laser class	2
Memory	<ul style="list-style-type: none"> • Approx. 700 images • The last 50 images, incl. relevant list of measured values
Power supply	Integrated 3.6 V lithium-ion battery
Dust and splash protection	IP 54
Dimensions (height x width x depth)	<ul style="list-style-type: none"> • 142 x 64 x 28 without measuring pin • 176 x 64 x 28 with measuring pin
Weight	0.21 kg
Scope of delivery/Recommended retail price excluding VAT	Tool incl. protective case: €269

Press photos: #1352144, #1352145, #1352146

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

March 8, 2018
PI 10086 PT MS

- ▶ 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.

Press photo: #1352147

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A higher material removal rate in just two steps: **New Bosch “2-step” grinding system for angle grinders** Save considerable time on surface treatment

March 8, 2018
PI 10087 PT MS

- ▶ New ceramic fiber disc for an even higher removal rate on the first step
- ▶ Optimized SCM discs for finer surfaces on the second step
- ▶ Combine the new abrasives for time savings of up to 25 percent

Using the Bosch “2-step” grinding system for angle grinders, professionals can grind mild and stainless steel surfaces smooth in just two steps. The optimized system offers an even higher removal rate than the previous system and ensures time savings of up to 25 percent, compared to conventional grinding with multiple fiber discs of different grit sizes. The system covers all common applications, such as removing coarse to fine weld seams. The process consists of using a fiber disc and a SCM disc (SCM = Surface Conditioning Material), which perfectly match together: First of all, the fiber disc is used to remove the weld seam, then the SCM disc is used to achieve a smooth surface with a fine structure.

Ceramic fiber disc for an even higher removal rate on the first step

The new fiber disc “Best for Metal + Inox” has a longer lifetime and offers a higher removal rate than previous zirconia fiber discs, thanks to the ceramic grit. The grit is harder, tougher and breaks better than zircon, meaning that it continuously sharpens itself. As a result, less pressure is required for the grinding process. The applied cooling aid minimizes discoloration. The new fiber disc “Best for Metal + Inox” is equally suitable for work on mild as well as stainless steel; Bosch makes it easy for tradespeople to choose the right abrasive.

Optimized SCM discs for smoother surfaces on the second step

The new generation of the SCM disc also ensures a higher removal rate in comparison to the previous disc, thanks to a higher grit amount. At the same time, it offers a smooth, even surface without visible scratches. Mild steel is therefore optimally prepared for painting or powder coating, and stainless steel for satin finishing. The basis for the good surface quality after grinding is the elasticity of the SCM disc. Attached to the flexible carrier material are equally flexible nylon fibers

combined with fine abrasive grit. These materials act like a spring and prevent the abrasive grit from penetrating deep into the work piece. Moreover, the SCM disc follows the existing surface structure. This means that good grinding results can be achieved even on uneven surfaces.

The ceramic fiber and SCM discs are available in standard sizes for angle grinders, regardless of the brand. Bosch offers a variety of professional tools, including the GWS 19-125 CIE Professional. Thanks to its variable speed, this is particularly suitable for work with the “2-step” grinding system. All prices are recommended retail prices excluding VAT. Subject to change.

Expertise from Bosch in the abrasive segment

With its abrasives range, Bosch covers the entire spectrum from hand sanding, to sanding with power tools, through to use with stationary tools for different materials. Bosch uses the more than 135 years of experience of sia Abrasives, a worldwide leading manufacturer of innovative abrasives which was acquired by Bosch in 2008, for the product development and the manufacturing process.

For the best results when grinding construction steel and stainless steel, Bosch recommends combining the following discs:

Mild steel – Preparation for powder coating
1) 2 608 621 610 “Best for Metal + Inox” ceramic fiber disc, 125 mm diameter, P36 2) 2 608 624 137 “Best for Finish” SCM disc, 125 mm diameter, coarse
Stainless steel – Preparation for satin finishing
1) 2 608 621 613 “Best for Metal + Inox” ceramic fiber disc, 125 mm diameter, P80 2) 2 608 624 138 “Best for Finish” SCM disc, 125 mm diameter, medium

Ceramic fiber disc “Best for Metal + Inox”	Recommended retail price excluding VAT
Diameter 115/125 mm in six different grits: 36/50/60/80/100/120	Between €0.87 (115 mm/grit 120) and €1.46 (125 mm/grit 36) per disc

SCM disc “Best for Finish”	Recommended retail price excluding VAT
Diameter 115/125 mm in four different grits: Extra coarse/coarse/medium/very fine	Between €3.57 (115 mm/very fine) and €5.09 (125 mm/extra coarse) per disc

Backing pads for fiber and SCM fleece discs	Recommended retail price excluding VAT
Diameter 115/125 mm	<ul style="list-style-type: none"> • 115 mm: €11.20 • 125 mm: €11.79

Press photos: #1352148, #1352149, #1352150

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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.

Additional information is available online at www.bosch.com, iot.bosch.com, www.bosch-press.com, twitter.com/BoschPresse



New reciprocating saw blades and holesaw: **Bosch expands its range with carbide technology** Particularly durable and robust for the toughest applications

March 8, 2018
PI 10088 PT MS

- ▶ Increased efficiency: longer lifetime and wide range of applications
- ▶ Reciprocating saw blades: three new problem solvers for working with wood
- ▶ Holesaw: first carbide holesaw with a length of 60 millimeters

Working efficiently in extremely challenging applications thanks to durable accessories – this is the idea behind carbide technology from Bosch. The new “Endurance for Wood and Metal Demolition”, “Speed for Wood” and “Endurance for HardNail Pallets” reciprocating saw blades and the “Endurance for HeavyDuty” holesaw cover an even wider range of applications. These new additions provide major advantages to professionals from various trades, such as woodworkers, carpenters, roofers, dry construction specialists, plumbers, electricians and HVAC experts: Selected carbide grades and special welding technology allow for reliable, low-wear sawing and a lifetime that is up to 20 times longer than bi-metal products. This means that hard materials such as high-strength and high-alloy steel, as well as abrasive materials, can be worked on – application ranges that are currently not covered by conventional bi-metal products.

Optimized for demolition work: “Endurance for Wood+Metal Demolition”

The “Endurance for Wood+Metal Demolition” has been specially designed for demolition work in wood with metal. The reciprocating saw blade is ideal for cutting metal-coated components or components with screws and hardened nails embedded in them, for example casing boards. The embedding of the carbide teeth in the blade is reinforced to allow the saw blade to withstand these loads. In addition, the teeth are spaced further apart, which increases the cutting speed. The blade withstands bending forces thanks to individually welded-on teeth. The carbide technology additionally allows for reliable work when the saw blade comes into contact with gypsum, mortar or bricks.

The fastest reciprocating saw blade for wood: “Speed for Wood”

With the “Speed for Wood”, Bosch is offering the first carbide reciprocating saw blade optimized for quick cuts in thick wood. It can cut powerfully through oak, beech, green wood, dried wood, roots and even large pieces of construction timber. The design of the saw blade ensures extreme speed: The large spacing of eight millimeters between each tooth transports saw dust away efficiently. Using carbide technology also enables the high sawing speed to be maintained and prevents it from decreasing after each cut, as is the case with saw blades made from bi-metal or tool steel.

Specially designed for repairing pallets: “Endurance for HardNail Pallets”

The “Endurance for HardNail Pallets” is the world’s first carbide reciprocating saw blade for professional pallet repairs. An increasing number of pallets are being built with hardened nails – until now, removing damaged parts with bi-metal blades resulted in extremely high wear of the blade. This is where the “Endurance for HardNail Pallets” shows its strengths. The individual tungsten carbide teeth have a constant tooth spacing of three millimeters, and are therefore designed to withstand the high loads involved in sawing work. A high-quality band material and a band material thickness of just one millimeter make the blade particularly flexible. Welded-on tungsten carbide teeth and a reinforced shaft also make it extremely durable. The result: Even hardened nails can be cut efficiently.

All-rounder: “Endurance for Heavy Duty” carbide holesaw

Wood, metal, brick, plastic, tiles, dry construction materials – the “Endurance for Heavy Duty” holesaw cuts through many different materials without overheating thanks to carbide technology. It stands out from the 40-millimeter models offered by competitors on the market thanks to its increased cutting depth of up to 60 millimeters. The “PowerChange Plus Adapter” which forms part of the system has also been optimized for this application: It now has a stronger shaft and a more accurate pilot drill bit. In addition, it is the only product of its kind on the market which allows accessories to be changed without the need for tools. The centering hole can be drilled without using a holesaw and with an unobstructed view. One click is all it takes – and the holesaw is positioned ready to use on the adapter. The centering hole means that no force is necessary for attachment, which protects the teeth and prevents the drill bit from breaking due to tilting. This makes it easy for tradespeople to accurately create recesses and through-holes. The range comprises 20 sizes from 20 to 127 millimeters and covers all common applications.

The new reciprocating saw blades are available from May, and the holesaw and the “PowerChange Plus Adapter” from September. All prices are recommended retail prices excluding VAT. Subject to change.

	Model	Dimensions (length x height x thickness)	Items included/ Recommended retail price excluding VAT
“Endurance for Wood+Metal Demolition”	S967XHM	150 x 25 x 1.25 mm	• €7.39
	S1167XHM	225 x 25 x 1.25 mm	• €10.02 • Pack of 10: €85.17
	S1267XHM	300 x 25 x 1.25 mm	• €12.42
“Speed for Wood”	S1142KHM	225 x 25 x 1.25 mm	• €8.05
	S1242KHM	300 x 25 x 1.25 mm	• €9.95
“Endurance for HardNail Pallets”	S1122CHM	225 x 19 x 1.0 mm	• €5.67 • Pack of 10: €48.17

	Diameter or mount	Items included/ Recommended retail price excluding VAT
“Endurance for Heavy Duty”	Ø 20 – 127 mm	• €25 – 150
“PowerChange Plus Adapter”	8.7 and 11 mm hexagon socket and SDS-plus	• €22 – 28

Press photos:

#1352063, #1352152, #1352153, #1352154, #1352155, #1352156, #1352157, #1352158

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More versatile than ever: **The new Bosch FlexiClick screwdriver for professionals** High user protection and added value through connectivity

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- ▶ Precision coupling for increased comfort and reduced wear-and-tear
- ▶ KickBack Control for even higher user protection
- ▶ Drill chuck and angle screw adapters for an even wider range of applications
- ▶ Connectivity functions for individualized tool settings

A high-performance cordless drill/driver that can master almost any task using different adapters – the FlexiClick from Bosch. The tried and tested 18 volt system now offers professionals even more comfort and flexibility for use in hard-to-reach places: The GSR 18V-60 FC Professional, at 140 millimeters in length, is seven millimeters shorter than its predecessor and has precision coupling. An electronic control function prevents the tool from overtightening when fastening screws. This causes less wear-and-tear to the material and coupling, resulting in a longer lifetime for the tool and accessories. In addition, the new FlexiClick screwdriver comes with KickBack Control: If the integrated sensor detects sudden blockages during the work process, for example in the case of tilting the drill bit, the motor will switch off within a fraction of a second, minimizing the risk of injury caused by kickback.

Tradespeople, such as kitchen installers, cabinet builders, and interior designers can screw even tighter around corners with the GSR 18V-60 FC Professional and are provided with a more robust drill chuck: In addition to the existing off-set angle and rotary hammer adapters, the tool offers the even shorter GFA 18-W Professional angle screw adapter with HEX socket plus the solid metal drill chuck GFA 18-M Professional. The previous GFA 18-B Professional drill chuck adapter with a plastic drill chuck for gentler work is still available, as is the GFA 18-WB Professional angle screw adapter for round-shank drill bits. The tool also features a connectivity function: If the Bluetooth module is used, functions such as Kick-Back Control or precision coupling can be adjusted individually by app and thus adapt it to your own requirements.

The FlexiClick system in an overview

Possible applications range from classic screwdriving applications through to drilling in wood, metal, and even concrete – using a tool and adapter which have very compact dimensions. The new GFA 18-M Professional drill chuck adapter takes drill bits of up to 13 millimeters and is even more robust thanks to its solid metal design. The new GFA 18-W Professional angle screw adapter screws even tighter around corners and the GFA 18-E Professional off-set angle adapter allows for precise screwdriving close to edges. They can each be set to 16 different positions. The system is completed by the GFA 18-H Professional rotary hammer adapter. It turns a cordless drill/driver into a powerful SDS-plus rotary hammer with impact energy of one joule. Bosch also offers the only system with which the adapters can remain on the tool when you are adjusting them.

Securely connected in only a few moves

Turn, click, ready to use: The four FlexiClick adapters are connected to the cordless drill/drivers using the method already familiar to keyless chuck users: Simply place the adapter onto the FlexiClick interface and turn it clockwise. Repeated clicking then indicates a secure connection between the two components – and the system is ready to use.

The new GSR 18V-60 FC Professional FlexiClick system will be available as of May 2018. All prices are recommended retail prices excluding VAT. Subject to change.

Specifications	GSR 18V-60 FC Professional (replaces GSR 18 V-EC FC2 Professional)
Battery voltage/capacity	18 V/5.0 Ah
Dimensions without system adapter (Length x height)	140 x 246 mm
Max. torque (hard/soft)	60/31 Nm
No-load speed (1st gear/2nd gear)	0 – 600/0 – 1,900 rpm
Tool holder	¼" internal hexagon
Max. drilling diameter in wood/steel	38/13 mm
Max. screw diameter	10 mm
Weight including battery	1.6 kg
Items included/Recommended retail price excluding VAT	<ul style="list-style-type: none">• Set in L-Boxx including all four adapters, 2 x 5.0 Ah battery and fast charger: €629• Set in L-Boxx including drill chuck adapter, 2 x 5.0 Ah battery and fast charger: €439• Clic & Go option including all four adapters in L-Boxx: €269• Clic & Go option including drill chuck adapter in L-Boxx: €219• GCY 30-4 Professional Bluetooth module for smart connectivity: €29

Specifications	New drill chuck adapter GFA 18-M Professional
Dimensions (length x width x height)	71 x 48 x 52 mm
Chuck capacity	13 mm
Weight	0.4 kg
Recommended retail price excluding VAT	€65

The previous GFA 18-B Professional drill chuck adapter with a plastic drill chuck for gentler work is still available.

Specifications	New angle screw adapter GFA 18-W Professional
Dimensions (length x width x height)	92 x 48 x 75 mm
Chuck capacity	-
Bit holder	HEX
Adjustable positions	16
Weight	0.4 kg
Recommended retail price excluding VAT	€65

The previous GFA 18-WB Professional angle screw adapter for straight-shank drill bits is still available.

Specifications	Off-set angle adapter GFA 18-E Professional
Dimensions (length x width x height)	91 x 48 x 61 mm
Corner measurement	11 mm
Bit holder	HEX
Weight	0.4 kg
Recommended retail price excluding VAT	€65

Specifications	Rotary hammer adapter GFA 18-H Professional
Dimensions (length x width x height)	146 x 58 x 58 mm
Max. impact energy	1.0 J
Max. impact rate	5,400 rpm
Max. drilling diameter in concrete	10 mm
Bit holder	SDS-plus
Weight	0.8 kg
Recommended retail price excluding VAT	€119

Press photo: #1352159

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Particularly light, compact and easy to use: **Dremel Stylo+ versatile craft tool for filigree work** Realize creative projects with the precision of a pen

March 8, 2018
PI 10090 PT MS

- ▶ Particularly light and compact for optimal control
- ▶ Ease of use and precision thanks to the convenient pen-like shape
- ▶ Quick switch within different materials thanks to multi chuck and variable speed

Give your craft projects an individual flair or finishing touch with ease and let your creativity unfold when engraving, carving, grinding and polishing. The Dremel Stylo+ offers users a higher level of convenience: With a weight of only 150 grams, this is the lightest and most compact multitool from Dremel to date. It is characterized by its simple operating concept: Thanks to its compact design the Dremel Stylo+ rests in your hand like a pen, thereby enabling both beginners and practiced users alike to work with particular precision without getting tired, even during prolonged use. The pen-like shape allows crafters, creatives and model makers to guide the tool in a controlled and relaxed way. Users can work particularly close to the workpiece, even in hard-to-reach areas, enabling them to keep every piece of grinding work and every line in view at all times. For users who often work on the same applications this tool offers additional convenience: A separate on/off switch ensures that the tool will be set at the last speed setting. The Dremel Stylo+ is also easy on the ears: Its quiet motor makes jobs at home especially comfortable and can save you from moving to a workshop or craft room.

Set to be versatile for craft applications with multi chuck and variable speed

With a wide range of accessories, the Dremel Stylo+ is designed to be versatile and to make filigree work on various projects easier: Craft or polish jewelry, create coasters with a personal message, carve wood for home decor or personalize leather tags by engraving artistic designs. Users can realize even more of their creative projects and bring their ideas to life quickly and easily. The Dremel Stylo+ multi chuck can attach accessories of all sizes and thicknesses and even makes it easy to swap them out: Simply loosen the multi chuck at the push of a

button and open by turning it. Then connect the desired accessory, screw the multi chuck closed again and tighten it with a wrench – done! The speed can be adjusted variably to each application or material from 5000 to a maximum of 22,000 revolutions per minute.

The Dremel Stylo+ will be available at retail outlets from April 2018 and can be expanded with a wide range of multitool accessories. The prices given are recommended retail prices including VAT. Subject to change. For more information, please visit www.dremel3d.co.uk.

Specifications	Dremel Stylo+
Rated power input	9 W
Speed range	5000 – 22,000 rpm
Weight	150 g
Length	160 mm
Scope of delivery/Recommended retail price including VAT	Tool with detachable connector and 15 accessory parts: 56.99 €

Press photos: #1352160, #1352161

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Dremel is one of the leading providers of precision power tools for do-it-yourself experts and hobbyists. The brand aims to combine innovative tool solutions, functionality and sophisticated design. Dremel was founded by Albert J. Dremel in Wisconsin, USA, in 1932. Today, the company is part of the global Bosch Group. The company's products are available in more than 90 countries. Dremel's European head office is located in Breda, in the Netherlands.

Their product range includes compact tool systems (e.g. compact saws and glue guns), benchtop tool systems (e.g. scroll saws) and rotary tool systems (multitools). A wide range of accessories and attachments can be ordered to further enhance the versatility of the tools. The innovative 3D technology used in the Dremel 3D printers is another valuable addition to the product range.

For more information, please visit www.dremel.com or www.dremel3D.com.

New product segment:

The Dremel Pet Nail Grooming Kit

Clip your dog's nails safely, quickly and easily

March 8, 2018

PI 10091 PT MS

- ▶ Better protection: sanding dog nails gently and in a controlled manner
- ▶ Less noise: quiet motor for relaxed nail care at home
- ▶ Easy operation: small, light and cordless tool for trimming in one go

Trimming dog nails yourself safely, quickly and easily – this is now possible thanks to the Dremel Pet Nail Grooming Kit. With this tool, Dremel is using the advantages of innovative precision-tool technology for especially safe and relaxed dog nail care at home. With the Pet Nail Grooming Kit nails can be sanded down to the required length in a controlled manner. Fitted to the tool is an attachment providing protection during nail care, as it safely encloses the sanding disc and the rotating parts. An additionally fitted transparent protective cap offers better control and paw guidance: With an angle of 45 degrees the Dremel Pet Nail Grooming Kit is the only kit in the market worldwide to follow the natural shape of the dog's nail. This significantly lowers the risk of clipping nails too short or injuring dog's nail. Compared to nail clippers, nails are cut more gently, more evenly and with a smooth finish. This makes it easier on both dog's nails and on delicate wooden floors or carpets. On top of that, the transparent protective cap collects the nail dust and keeps dog hair out – simply safe and clean.

Relaxed, stress-free nail care at home

The Pet Nail Grooming Kit has a quiet motor to make nail care pleasant and stress-free for both dogs and owners. The process is easy on sensitive dog ears and prevents fear and anxiety. The smooth result also saves you having to go to the vet or groomer – and therefore saves you time and money, as well as your dog's nerves. With the tool dog owners can now take care of their dog's nails at home – in a relaxed and familiar environment.

Nail care made easy

Thanks to its compact size and light weight of just 270 grams, the Dremel Pet Nail Grooming Kit sits nicely in your hand. This means that dog owners can easily and effortlessly trim all nails in one go. With the easy-to-use speed setting, you can adjust the speed in two steps – offering a gentle and a more powerful setting just as your dog and its nails require. The Pet Nail Grooming Kit is cordless and uses four alkaline AA non-rechargeable batteries.

The Dremel Pet Nail Grooming Kit will be available at retail outlets from June 2018 onwards. The prices given are recommended retail prices including VAT. Subject to change.

Specifications	Dremel Pet Nail Grooming Kit
Rated speed	7000 – 18,000 rpm
Weight	270 g
Batteries	4 x AA
Scope of delivery/recommended retail price including VAT	Tool incl. sanding attachment with protective cap, 4 sanding discs and quick guide: €39.99 Additional sanding discs are available in packs of 10

Press photos: #1352162, #1352163

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For more information, please visit www.dremel.com or www.dremel3D.com.