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More sales than ever before: **Bosch Power Tools grows with garden tools** Innovation based on customer requirements

July 27, 2017
PI 9745 PT MS

- ▶ Record: Sales grow by 11 percent to 325 million euros
- ▶ Growth driver: Cordless tools are more popular than ever before with users
- ▶ Trend: Automation and connectivity arrive in small gardens

Stuttgart/Leinfelden – Bosch Power Tools is continuing on its course of strong growth with garden tools. In the 2016 financial year, the Bosch division achieved record sales of 325 million euros – representing an increase in sales of 11 percent, or 14 percent in local currency. “2016 was a record year in garden tools for us – we were able to build on the positive trends we saw developing in previous years”, said Henning von Boxberg, President of the Robert Bosch Power Tools GmbH. “We understand the needs of our users: They want convenient, easy-to-use tools which give them a beautiful garden. Our garden tools help them do exactly that.” Cordless tools are a growth driver: In 2016, Bosch Power Tools generated 37 percent of its sales from cordless garden tools, and this upward trend is showing no signs of slowing down. The Indego robotic lawnmower, which was recently relaunched, is a prime example of this. According to von Boxberg: “Increasing numbers of users with smaller gardens are discovering the benefits of automatic, connected lawn care solutions. The new Indego allows us to meet the needs of this target group even more effectively.” Bosch will soon unveil a “garage” for the Indego, designed to provide optimum protection from wind and harsh weather conditions.

New Rotak generation: The quietest mowers in their class

Innovations are a crucial part of growth. Bosch Power Tools involves users in the development of products and services from the very beginning – including in its new generation of lawnmowers. “Our users wanted less noise without compromising on performance, so we optimized the Rotak to meet these needs”, explained Henk Becker, Managing Director of Robert Bosch Power Tools GmbH with responsibility for development, manufacturing and quality, as well as measuring tools, professional and DIY tools. “A key advantage is that we can utilize



synergy effects within the Bosch Group during development to successfully transfer technologies to new products.” Experience gained when designing vacuum cleaners played an important role during the development of the new Rotak generation. According to Henk Becker: “We thoroughly analyzed the current models, identified noise sources, and then eliminated them one by one. This resulted in our new Rotak models – the quietest mowers in their class.” Thanks to the new grass box and foldable handle, the tools are also easier to store than ever before.

EasyPrune: The first power-assisted secateurs from Bosch

The principle of electric bikes – which provide power assistance when you need it – has now been applied to secateurs for the first time by Bosch Power Tools. Where conventional secateurs reach their limits, the EasyPrune’s power-assist technology is just getting started: It cuts through branches with a diameter of up to 25 millimeters effortlessly. The power-assist function only cuts in when the handles are actively squeezed together as they would be with conventional secateurs. A choice of three different settings also lets you adjust the power assistance to your specific needs. “However many cuts you make, your hand will not tire, because the Bosch EasyPrune makes light work of cutting all types of branches, thick or thin. That is what we call ‘Easy Gardening’,” said Henk Becker. The tool allows you to make up to 450 cuts with a single battery charge. Gardening has never been easier.

“Power for All”: Expansion of cordless segment for home and garden

Bosch Power Tools is consistently expanding its cordless segment, with a focus on the “Power for All” battery system which comprises both DIY and garden tools. Countless power tools, from grass trimmers to rotary hammers, can be operated using the same 12 volt or 18 volt lithium-ion battery. This enables users to do without batteries and chargers that they do not need, and they can save money at the same time. What’s more, customers who purchase a battery from Bosch don’t need to worry about whether or not it will be compatible. “Our lithium-ion batteries are compatible with all existing and future power tools in the same voltage class – there are no exceptions,” emphasized Henk Becker. Work around the garden is set to get easier with the launch of three new 18 volt tools: A small handheld chainsaw, a pole hedgecutter to trim hedges and a pole pruner to prune trees without a ladder. “Our objective is to create added value for users with each and every product,” stated Henk Becker. The pole hedgecutter, for example, features an anti-blocking system: If the tool fails to cut through a branch at the first attempt, micro-electronics in the motor adjust the running direction of the blades so that they are applied to the same point until the branch has been cut through. This results in continuous cutting performance without interruptions. Bosch is the only company on the market offering such technology.



In addition, an optimum coordination of key components such as the motor and the gearbox, combined with an intelligent electronic system, the “Syneon Chip“, ensure that DIY and gardening enthusiasts can always enjoy optimum power and maximum runtime for every project.

GlassVac cordless window vacuum: Entering into new segments

For Bosch Power Tools, innovations are also the key to opening up new product segments. To offer the right product for every user, Bosch adds a cordless window vacuum – the GlassVac – to its range for the first time, alongside its wide variety of high-pressure washers. The wiper blade utilizes existing Bosch expertise from the automotive sector. The GlassVac features an innovative wiper-rubber technology with polymer coating, which until now had been used only for windscreen wipers from Bosch. This technology now also guarantees clean results at home: The wiper blade glides effortlessly over surfaces because it generates very little friction, so that streaks and annoying squeaking noises are a thing of the past. The wiper lip is also very robust and durable and lasts longer than conventional rubber lips. At a height of only 20 centimeters, it is 30 percent smaller than similar competitor models and can also vacuum close to window edges.

Press photo: #1147191

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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 2016, its roughly 20,000 associates generated sales of 4.5 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. The division generated about one third of its sales in 2016 with products that have been on the market for less than two years. In 2017, 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 390,000 associates worldwide (as of December 31, 2016). The company generated sales of 73.1 billion euros in 2016. 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 manufacturing. 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 deliver innovations for a connected life. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiaries and regional companies in some 60 countries. Including sales and service partners, Bosch's global manufacturing and sales network covers nearly every country in the world. The basis for the company's future growth is its innovative strength. At 120 locations across the globe, Bosch employs some 59,000 associates in research and development.

Additional information is available online at www.bosch.com, www.iot.bosch.com, www.bosch-press.com, [www.twitter.com/BoschPresse](https://twitter.com/BoschPresse).

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Easy Gardening with Bosch:

The easy and convenient way to a beautiful garden

Speech by Henk Becker,

Managing Director of the Robert Bosch Power Tools GmbH

on the occasion of the press conference

in Stuttgart on July 27, 2017

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Ladies and gentlemen,

Learn from the user – develop for the user: The introduction to User Experience and Design Thinking will have enabled you to get an idea of how we systematically analyze users' requirements and desires. And how we place these at the center of product development. During the development process, we keep checking whether we're on track: Do users find our product useful? Do they find it easy to use? Do they have fun using it? Do they find it esthetically pleasing? Finding the answers to these questions forms the basis of our innovative strength and is the key to our success.

Today, I will give you an insight into how we are making it easier for private users to care for their gardens. Hobby gardeners, garden lovers, nature enthusiasts, city gardeners, self-supporters – no two are the same, and yet they have one thing in common: The desire for easy-to-use gardening tools. Easy Gardening with Bosch – today I will show you how our innovations can help you to achieve a beautiful garden in an easy and convenient way.

We will discuss typical gardening jobs: Trimming trees and shrubs, lawn mowing, shaping hedges – we offer the perfect solution for all of these tasks. Allow me to start with a small sensation; we call it EasyPrune: Our first power-assisted cordless secateurs for effortless cutting.

EasyPrune: The first power-assisted secateurs from Bosch

Pruning flowers, thinning out branches in hedges, cutting back shrubs and fruit trees: Time and again, users have fed back to us how strenuous these jobs are with manual shears. Our solution: A cordless secateurs which provides power when you need it. Where conventional secateurs reach their limits, our EasyPrune's power-assist technology is just getting started: It cuts through branches with a diameter of up to 25 millimeters effortlessly. The power-assist function only cuts in when the handles are actively squeezed together as they would be with conventional secateurs. A choice of three different settings also lets you adjust the power assistance to your specific needs. However many cuts you make, your hand will not tire because

the EasyPrune makes light work of cutting all types of branches, thick or thin. You can make up to 450 cuts with a single battery charge.

A major advantage is that we can utilize synergies within the Bosch Group in our development work. In the case of EasyPrune, we have successfully transferred the principle used for eBikes – power assistance when you need it – to a secateurs. Cutting different material types and thicknesses requires the application of different amounts of force. This is where EasyPrune’s power-assist technology comes in: A sensor measures the pressure being exerted as you cut. If the force in this area exceeds a set limit, the electronic power-assist function will automatically cut in. Gardening has never been easier. This is what we mean by “Easy Gardening.”

New Rotak generation: The quietest mowers in their class

Lawn mowing is arguably the most frequent gardening job. Our Rotak lawnmowers are tried and trusted. We are continuously developing our products. And: We want to make what’s good even better. One thing many users would like to see is mowers that are quieter, yet simultaneously more powerful. Lawnmowers that take up as little space as possible when stored also matter to garden owners. We have taken notice of these needs and, with our new Rotak generation, are bringing the quietest lawnmowers in their class onto the market. This is made possible by our ProSilence technology: From the lawnmower housing to its motor and blades, all components have been optimized in view of the user’s needs and the desire for reduced volume with high power. To begin with, there are four corded ProSilence tools: Two Universal models, at 1 300 and 1 400 watts, and two Advanced models at 1 700 and 1 800 watts. And that’s not all: Cordless models will follow next season.

Let me give you a specific example of noise reduction: We have managed to reduce the guaranteed sound power level of the new AdvancedRotak 750 from 95 decibels to 89 decibels. That is 75 percent less – the sound power level halves every 3 decibels. However, it is also very much about psycho-

acoustics, in other words, how a user perceives noise. Besides volume, this includes the frequency, tone, and duration of sound. We analyzed our previous models thoroughly. Our lawnmowers are now substantially quieter and their mowing sound more pleasant.

We are meeting the need for space-saving storage with a foldable grass box. It can be fitted and removed in just seconds. To store it, simply remove it, fold it up, and place it on the lawnmower body.

A foldable grass box alone would not greatly reduce the size of the stored lawnmower. So, what have we done? We have improved the design of the handle too. The new Ergoslide system now has a telescopic handle with a very simple height adjustment and folding function. That means that the lawnmowers are even easier to store.

The new cutting-height adjustment is just as easy to use. Instead of a gear lever on the side, you simply press the red button next to the readily accessible handle on the lawnmower. If you then pull the handle, the cutting height automatically locks into place – easily and conveniently.

You may already have noticed that we are presenting the new Rotak series with a new design: All the lawnmowers have textured high-quality surfaces and grille elements with sealed foils, which are also used, for example, on designer fittings for premium vehicles. We have done this to send out a visual signal as well: We are different and quieter than ever before!

We also utilized synergies within the Bosch Group when developing our new generation of lawnmowers. They are based on the experience gained from developing vacuum cleaners. It was above all a question of psycho-acoustics, in other words, how a user perceives noise. We have learned a great deal from our colleagues in the household appliance division – and we are using this expertise to create added value for our users.

Indego Garage protects against the elements

Garden owners that want a beautiful, well-maintained lawn are increasingly choosing robotic lawnmowers. Our Indego 400 and Indego 400 Connect models are representative of optimized autonomous lawn care. Both models are 50 percent smaller and half as loud as previous models, and they can mow up to 400 square meters, an area which accounts for approximately 75 percent of all private gardens. They work with the tried-and-tested “LogiCut” navigation system for systematic mowing in lanes. In 30 minutes, or one battery charge, they mow an area twice as large as equivalent competitor models and are 35 percent quicker extrapolated up to 400 square meters. Besides this, the Indego 400 Connect can easily be controlled from wherever you are using the Bosch “Smart Gardening” app.

Our users value their Indego mowers but do not want them to be exposed to the elements – or the gaze of other people – when they are parked. There is a clear analogy with cars – which is why we will be offering an Indego Garage in future. It is exactly tailored to our robotic lawnmowers and their base stations, in other words, as small as possible and as big as necessary. The Indego 400 and Indego 400 Connect can park in it so that they are protected in a space-saving way.

The Indego Garage is made of high-quality UV-resistant material which does not become discolored by the weather. Its cover is transparent so that you can keep an eye on the lawnmower’s display and operate it without any additional effort. The assembly is also very practical: The four individual parts slot together easily and can be fixed into the ground with four screws. An Indego robotic lawnmower with garage protection for autonomous lawn care – you can only get that with Bosch.

“Power for All”: Expansion of cordless segment for home and garden

The same principle applies to all hobby gardeners – no matter whether they have a small urban yard or a large kitchen garden: The easier the gardening, the more enjoyable it is. What tools could better meet this demand than cord-

less tools? Our focus is on the “Power for All” cordless system, which comprises DIY and garden tools: With a single 12 or 18 volt battery, you can currently operate 14 or 21 power tools respectively – from drill driver to hedgecutters. You only need one battery and one charger per 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.

Maximum runtime thanks to the “Syneon Chip”

Our cordless tools have another advantage: 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 offers DIY enthusiasts and hobby gardeners the maximum runtime for each project. Furthermore, our tools provide full power until the battery is empty. As a result, users can mow their lawns, trim shrubs, or even prune branches powerfully until the battery runs out.

Work around the garden is now set to get easier with the launch of three new 18 volt tools: A small convenient chainsaw, a pole pruner to cut trees and a pole hedgecutter to trim hedges without a ladder.

UniversalChain 18: Powerful, light 18 volt chainsaw

The UniversalChain 18 is our answer for all users who find conventional chainsaws daunting, heavy, and cumbersome. Thanks to its compact design and features, it is also suitable for people who have limited experience of handling chainsaws. Why? Weighing just 3 kilograms, our UniversalChain 18 offers the best power-to-weight ratio in its class. It is very compact and user-friendly. Our chainsaw has a recoil protection to help the user perform every cut with perfect control. The protective guard at the tip of the blade reduces vibrations and makes clean cuts easier, which promote the healthy growth of wood. Typical applications are pruning fruit trees and cutting thicker timber or branches for firewood. The UniversalChain 18 is also comfortable and easy to handle thanks to its integrated SDS system, which enables the saw chain

and bar to be fitted in just a few hand movements and without the use of tools, and its automatic chain lubrication.

Do you remember our “Syneon Chip”? The optimum coordination of motor and gearbox in combination with this intelligent electronic system is the reason why the UniversalChain 18 is also particularly efficient: With a single battery charge, it can manage up to 40 cuts in soft wood with a diameter of 100 millimeters – perfect wood for your next log fire or campfire!

UniversalChainPole 18: Prune branches easily without a ladder

We also offer users added value with our UniversalChainPole 18 pruner. Anyone with tall trees in their garden wants a tool for cutting branches without having to climb a ladder. It takes a lot of effort and carries a high risk of injury. Cordless tools continue to be very popular – but they have to have the right power. And the cut must be clean, without tearing.

Our new pruner can do all of this – cordlessly. Thanks to its adjustable telescopic pole, the UniversalChainPole 18 cuts hard-to-reach branches even up to a height of 3 to 4 meters and with a diameter of up to 150 millimeters. Its head can be pivoted around up to 120 degrees and the tool measures 2.0 to 2.6 m from the tip protector to the handle. This means that you can slim down treetops or cut branches at different heights effortlessly without damaging the tree. The good balance and light weight of 3.6 kilograms including the battery provide great ease of use, ensuring that your arms and back are well taken care of, even when the tool is used for a long time. With a chain speed of 4 meters per second and a chain length of 20 centimeters, the pruner offers a powerful and continuous cutting performance. The key here is also the “Syneon Chip”.

UniversalHedgePole 18: Easy hedgecutting without a ladder

Easy hedgecutting without a ladder – that’s what our UniversalHedgePole 18 is all about. For many users, cutting tall hedges was an annoyance until now – but our tool is coming to the rescue: You can now quickly and accurately

cut young shoots and small to medium branches on tall hedges such as conifers, privets, beeches or yews. The hedgecutter has a 43-centimeters blade, its length is adjustable and the tool measures 2.0 to 2.6 meters from the tip protector to the handle. Its head can be pivoted around 135 degrees – offering even more flexibility.

You might already know about it from other Bosch hedgecutters: Our anti-blocking system. It ensures continuous cutting performance – even for thicker branches: If the tool fails to cut through a branch at the first attempt, micro-electronics in the motor adjust the running direction of the blades so that they are applied to the same point until the branch has been cut through. Bosch is the only company on the market offering such technology.

“Power for All”: One 18 volt battery for more than 20 tools

Chainsaw, pole pruner, pole hedgecutter – with these innovations, we are expanding our 18 volt “Power for All” battery system to 24 DIY and garden tools. The range now covers all common applications from impact drilling, through cutting and grinding, to lawn trimming, branch cutting, and hedge cutting. Users have “a smart combination” and do without batteries and chargers that they do not need, and they can save money at the same time. Once again: Easy Gardening made by Bosch.

GlassVac: New segment – window cleaning made easy

I am particularly happy today to be able to present a new Power Tools segment to you: Window cleaning. We all know the feeling: Our laboriously cleaned windows show up streaks in the sunlight or dirt in the corners and at the edges. Buckets knocked over, dirty dishcloths, wet newspaper – window cleaning is a pain! Our solution is GlassVac, the first cordless window vacuum from Bosch. It is the most compact tool on the market: At a height of only 20 centimeters, it is 30 percent smaller than similar competitor models and can therefore vacuum up to window edges more easily.

You can clean windows and smooth surfaces easily in two steps. Step one: Mix detergent with water in the applicator and spray it on the surface. Scrub off stubborn dirt straight away with the integrated microfiber cloth. Step two: Switch on the GlassVac, place it against the window, and start vacuuming. That's how easy window cleaning can be!

The wiper blades have "Power Protection Plus", an innovative wiper-rubber technology with polymer coating, which until now had been used only for windscreen wipers from Bosch. This technology now also guarantees clean results at home: The wiper blade glides effortlessly over surfaces because it generates very little friction, so that streaks and annoying squeaking noises are a thing of the past. The wiper lip is also very robust and durable and lasts longer than conventional rubber lips. So you can see we are aware of the strengths within the Bosch Group, and are making use of existing expertise, and transferring know-how successfully to a new product – always with our focus on users and their needs. That is the reason why we are presenting this tool today at our garden press conference: We are moving from high-pressure washer development into new terrain with GlassVac – in order to even better meet the desires and requirements of our users.

Bosch innovations make gardening easy

To conclude my speech, I would like to briefly recap the most important points:

- Thanks to User Experience and Design Thinking, we are familiar with the requirements of our users and we develop solutions that make work easier for them.
- We focus on cordless tools that offer added value – for example, "Power for All" with an interchangeable battery for various DIY and garden tools.
- eBikes, vacuum cleaners, windscreen wipers – we utilize synergies within the Bosch Group to make our products even better.
- We continue to develop not only existing segments, but also enter new segments – always with our focus on users and their needs.

Thank you for your attention!

Press photo: #1147193

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Speech by Henning von Boxberg,
President of the Robert Bosch Power Tools GmbH
on the occasion of the press conference
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Ladies and gentlemen,

Making gardening easier for the user through innovation – that is our claim.

Today we have presented some new products to you which we developed with user needs in mind. That is certainly not a new trend at Bosch – quite the opposite: This year we are celebrating a historic anniversary. Sixty years ago, we launched the first Bosch power tool for the garden.

In 1957, following the DIY trend emerging at that time, Bosch developed a “DIY tool”. It consisted of a power tool motor, referred to as a “handheld motor”, and different attachments. DIY enthusiasts could use it not only for drilling, but also for sanding, sawing, planing, turning – and: cutting hedges. The hedgecutter at that time had a fixed blade with 11 teeth and a moving blade with 10 teeth. The worm gear was simply placed on the handheld motor’s drill spindle. To enable even technical novices to use the handheld motor, special attention was paid to safety. The tool could even be connected to unearthed sockets. At the time, the handheld motor was a true innovation.

In 1969, we took another major step on the way to making gardening easier: The first cordless hedgecutter laid the foundation for the development of battery-operated power tools at Bosch. This expertise in batteries has been a central element of our innovations in recent decades – and with that, our brief trip through time brings us into the present day.

Bosch Power Tools experienced substantial growth with its garden tools in 2016. We achieved a turnover of 325 million euros – more than ever before. Nominally, this amounts to an increase in turnover of 11 percent, or 14 percent in local currency. 2016 was a record year in garden tools for us – we were able to build on the positive trends we saw developing in previous years.

You can see that our users value our innovations by comparing the market development with our development over recent years. Over the past ten years, we have grown by an average of 11 percent in our European core

market, where we make more than 90 percent of our sales from gardening power tools. That is considerably faster than the market growth of 4 percent.

What is the secret to our success? A garden tool must meet the needs of its user. Today we have given you an insight into how we go about that: We follow the Design Thinking methodology, where we always focus on the user and their needs. We want to understand them, so we observe them and take on their perspective. Then, it is a question of quickly coming up with ideas, developing prototypes and testing – in an iterative process, again and again – until the user is satisfied with their Bosch garden tool. That is how we create innovations which really impress private gardeners.

Cordless tools as a growth driver

A key growth driver is our cordless tools. Over the past year, cordless garden tools have already accounted for 37 percent of our sales – and rising. The Indego robotic lawnmower, the Isio shrub and grass shears and our cordless hedgecutters have all been popular with users.

The key component of our success with cordless tools is our continuous development of lithium-ion technology. Since 2003, when Bosch launched the Ixo, the world's first power tool with a lithium-ion battery, our batteries have become continuously smaller, lighter and more powerful. In addition, the tools can be used immediately even after weeks of inactivity, as the battery loses virtually no charge. We make sure that our users can always enjoy optimum power and maximum runtime through the optimum coordination of key components such as the motor and the gear-box, combined with an intelligent electronic system, the "Syneon Chip". Our tools maintain full power until the battery runs out. We use this technology in all our DIY and garden tools with rechargeable batteries – in the 12, 18 and 36 volt classes.

Double-digit growth in Germany once again

With our product portfolio, we are also enjoying above-average success in Germany. In 2016, our sales increased by 11 percent in our core business,

electric garden tools excluding leaf blowers, aerators and high-pressure washers. The long-term comparison over the last ten years shows that users like our strategy: Our average growth at 16 percent per year has been twice as much as that of the market.

We offer products for every need, with the intention of making gardening easier for hobby gardeners, garden lovers, nature enthusiasts, city gardeners and self-supporters. The comments on Internet forums show what users think of us. Here are a few examples: Our cordless hedgecutter “cuts through the hedge like through butter”. The Rotak cordless lawnmower has impressed those who use it and is an “absolute purchase recommendation“. The Indego robotic lawnmower “is as quiet as a whisper” and “is easy to control using the app”. User feedback like that is what drives us.

Easy Gardening: The future of gardening

How do we see the future of gardening? What would we at Bosch like to do to keep our users satisfied? What does Easy Gardening mean for the future? Today, I am pleased to explain to you in greater detail Bosch's strategy for continuing to impress hobby gardeners in the future.

Firstly: Even closer merging of home and garden – after all, DIY enthusiasts are very often hobby gardeners as well. It is of course convenient for this target group if they can complete different projects using the same battery. Secondly: Smart Gardening. By which we mean autonomous garden tools, such as the Indego, which save the user time. And by which we also mean connected products. Thirdly – and only Bosch can do this: In future, we want to utilize even more synergy effects available within the Bosch Group. Allow me to explain these three aspects to you briefly.

Systematic workload reduction: The 12 and 18 volt families

Our 12 and 18 volt “Power for All” batteries are compatible with all green products in the same volt class. That means you can use one battery first for sawing, and then for cutting hedges and branches. We know from customer

feedback that they value convenience – and of course it ultimately saves money if further products can be bought without a battery. In our 12 volt "Power for All" system, we currently offer 14 products for home and garden, while the 18 volt system already boasts 21 products. We will continue to expand our product range in both volt classes. What's more, we are extending the system with the addition of household appliances. Future BSH products will rely on our batteries. The first product will be the "Sprinter" vacuum cleaner. As such, we will cover an ever growing range of applications around the home and garden with compatible cordless solutions.

Perhaps the Bosch experts among you have already spotted our new products in the pictures: To make this close connection between home and garden more visible, we have standardized the color of our green tools. From now on, all new garden tools will be launched in the DIY green that you know so well.

Smart Gardening: Autonomous and connected solutions

You are all familiar with our Indego robotic lawnmower, which we are now offering in its new version. With the Indego 400, we help users to enter the world of autonomous lawn care with ease. The Indego represents Bosch's autonomous and connected products – what we call Smart Gardening. For us, it is not about showing that we can bring autonomous and connected products to the market. The benefits for the customer are paramount – that is what guides our continuous development. Let us surprise you!

Utilizing synergies: Transferring expertise within the Bosch Group

Very few companies are as diverse as Bosch: Power-assisted eBike systems, whisperingly quiet vacuum cleaners and innovative wiper rubber. What does all that have to do with Power Tools? They are just three examples to show that we are constantly utilizing synergy effects within the Bosch Group to improve the way in which we meet the needs of our users. Henk Becker presented our new products to you today: The EasyPrune power-assisted cordless secateurs, the new Rotak lawnmowers and the GlassVac window

vacuum, which mark our entry into a new segment. By the way, the “Logicut” software for the Indego, which enables it to mow systematically in parallel lanes, was originally developed by our central research department. With all these products, the user is benefiting from the expertise of the entire Bosch Group. Only Bosch can do that – and we will constantly use that to our advantage to offer users the best possible products.

Because that is our claim: Easy Gardening – making gardening as easy as possible for users. So they can enjoy it – at home and in the garden. Home made by you.

To conclude, allow me to summarize the most important information for you briefly:

- We are always guided by user needs.
- That is why our garden tools are successful even after 60 years – more successful than ever before.
- We enjoyed double-digit growth in 2016 with our garden tools – faster than the market, including in Germany.
- Due to our innovative battery technology, the share in sales for cordless garden tools continues to grow.
- And we are counting on Easy Gardening for the future: Standardized battery systems for home and garden, autonomous and connected solutions, and transfer of expertise within Bosch.

Thank you for your attention!

Press photo: #1147194

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Makes light work of cutting branches, thick or thin: **Bosch EasyPrune power-assisted cordless secateurs** Power-assist technology for a boost when you need it

February 2018
PI 9748 PT MS

- ▶ Effortless cutting: Cut branches with a diameter of up to 25 millimeters
- ▶ A cut above the rest: Cuts cleanly into any material, from fibrous to thick
- ▶ A tool that just keeps on going: Up to 450 cuts with a single battery charge

Thanks to its power-assist technology for power-assisted cutting, Bosch's Easy Prune cordless secateurs makes gardening even easier. Whether you're pruning flowers, thinning out individual branches in hedges or trimming shrubs, bushes and fruit trees, the EasyPrune lets you make cuts effortlessly and with one hand. Where conventional secateurs reach their limits, the EasyPrune's power-assist technology is just getting started: It cuts through branches of up to 25 millimeters in diameter effortlessly, and at just 490 grams, you can hold it comfortably in your hand.

Power assistance for full control – here's how it works:

Cutting different material types and thicknesses requires different amounts of force. This is where Bosch's power-assist technology comes in: If the force needed for cutting exceeds a set limit, the electronic power-assist function will automatically cut in. A cable is activated and will start to wind up so that the upper and lower handles move toward one another. Once the branch is completely cut, the coupler will release the cable and the blades will open again. To ensure that the cutting operation is controlled at all times, the power-assist function only cuts in when the handles are actively squeezed together as they would be with conventional secateurs. A choice of three different settings also lets you adjust the power assistance to your specific needs. The result is that, however many cuts you make, your hand will not tire because the EasyPrune makes light work of cutting all types of branches, thick or thin.

Cut not crushed: A clean result

From fibrous materials such as wilted tulips to thick shrubbery, the EasyPrune guarantees a smooth, clean cut thanks to its bypass cutting system, whereby the



blades slide past one another. This system allows for even cutting without having to stop, remove the tool and reposition it where you want to continue the cut. This makes it a cut above the rest. The EasyPrune's two blades are made from high-quality stainless steel. The upper blade can be replaced in no time at all: Simply take the old blade out, put the new blade in, tighten the screw using the hex key provided and you're done!

The EasyPrune can cut through branches 25 millimeters thick up to 450 times with just one battery charge. When the battery is fully discharged, it can be recharged using the Micro USB charger. An indicator shows the charging progress, and helps you keep track of how much charge is left when you are using the tool.

The EasyPrune cordless secateurs will be available from January 2018 onwards. The prices listed are recommended retail prices including VAT. Subject to change.

Specifications*	EasyPrune
Battery voltage/capacity	3.6 V/1.5 Ah
Maximum cutting diameter/capacity	25 mm/450 cuts
Cutting system	Bypass
Charging time	3.5 h
Dimensions (length x height x width)	245 x 90 x 30 mm
Weight	490 g
Scope of delivery/recommended retail price including VAT	<ul style="list-style-type: none">• Tool with integrated 1.5 Ah battery and Micro USB charger in a blister pack: €89.99• Tool with integrated 1.5 Ah battery and Micro USB charger in a soft case: €99.99• Accessories: Spare blade, including hex key for fastening blade: €14.99

*All figures are provisional and based on internal measurements.

Press photos: #1147195, #1147196, #1147197

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The quietest high-performance lawnmower on the market: **The new Rotak series from Bosch** Stress-free lawn care with Bosch ProSilence

July 27, 2017

PI 9749 PT MS

- ▶ Four models: Power spectrum from 1 300 to 1 800 watt
- ▶ Quieter mowing: Bosch ProSilence reduces sound power levels by up to 75 percent
- ▶ More comfortable mowing: Optimized design for ease of use

The Bosch Rotak lawnmowers are getting even better: The new generation tools are the quietest high-performance lawnmowers on the market, all thanks to Bosch ProSilence technology. From the lawnmower housing to its motor and blades, all components have been optimized in view of the user's needs and the desire for reduced volume with high power. That made it possible to reduce the guaranteed sound power level in the case of the new AdvancedRotak 750 from 95 to 89 decibels. That is 75 percent less – so the lawnmower is significantly quieter and its mowing sound more pleasant. First of all, there are four corded models with Bosch ProSilence: The UniversalRotak 450 and UniversalRotak 550 with 1 300 and 1 400 watts and the AdvancedRotak 650 and AdvancedRotak 750 with 1 700 and 1 800 watts. In each case, the figure in the new product name represents the recommended lawn area. Cordless models will follow next season.

Stress-free mowing with the UniversalRotak and the AdvancedRotak

To send a visual signal as well, the Rotak series features a new design: All the lawnmowers have textured high-quality surfaces, are dark green and have grille elements with sealed foils, which are also used, for example, on designer fittings for premium vehicles. The UniversalRotak's tried and tested Ergoflex system provides comfortable and effortless use: The multi-position handle features ergonomically shaped grip zones with softgrip surfaces. It fits perfectly in the hand and offers great flexibility. Be it one-handed or two, left-handed or right, horizontally or vertically – the lawnmower can be controlled from a total of eight different positions. With its new Ergoslide system, the AdvancedRotak offers the same benefits plus a telescopic handle, the height of which is exceptionally easy to adjust and which is foldable. That means that the lawnmower is even easier



to store. An additional feature of the AdvancedRotak is its rubber overmoulded wheels, which preserve the lawn.

Convenient features: From the grass box to the blades

The foldable grass box, which can be fitted in a matter of seconds, and an extremely easy-to-use cutting-height adjustment are also new. Instead of a gear lever on the side, you simply press the red button next to the readily accessible handle on the lawnmower. If you then pull the handle, the cutting height automatically locks into place – easily and conveniently. The blades feature LeafCollect, a specifically developed side profile which can shred leaves lying on the lawn. The air flow then transfers them into the box just as it does with grass cuttings. Even the lawnmowers’ grass combs were redesigned with increased comfort in mind. They now allow for a cut which is even closer to the ground and saves rework.

The UniversalRotak and AdvancedRotak lawnmowers will be available from spring 2018 onwards. Accessories such as blades are available from the Bosch accessory range. The prices listed are recommended retail prices including VAT. Subject to change.

Specifications*	UniversalRotak 450	UniversalRotak 550
Motor power	1,300 W	1,400 W
Cutting width/cutting height	36 cm/20 – 70 mm	38 cm/20 – 70 mm
Height-of-cut settings	6, central	6, central
Grass box capacity	40 l	40 l
Blades	Hardened, extra-sharp steel blades with LeafCollect	Hardened, extra-sharp steel blades with LeafCollect
Weight	12 kg	12 kg
Recommended retail prices including VAT	€229.99	€249.99

Specifications*	AdvancedRotak 650	AdvancedRotak 750
Motor power	1,700 W	1,800 W
Cutting width/cutting height	42 cm/20 – 80 mm	46 cm/20 – 80 mm
Height-of-cut settings	7, central	7, central
Grass box capacity	50 l	50 l
Blades	Hardened, extra-sharp steel blades with LeafCollect	Hardened, extra-sharp steel blades with LeafCollect
Weight	15.5 kg	15.5 kg
Recommended retail prices including VAT	€299.99	€329.99

*All figures are provisional and based on internal measurements.



Press photos: #1147198, #1147199, #1147200

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Additional protection for the new Indego: **The Indego Garage for robotic lawnmowers from Bosch** Autonomous lawn care for small to medium gardens

July 27, 2017

PI 9750 PT MS

- ▶ Tailor-made design protects against environmental influences
- ▶ UV-resistant material with transparent cover for visual contact and ease of operation
- ▶ Two lawnmower models for autonomous lawn care of small to medium gardens

The Indego 400 and Indego 400 Connect are now also garage protected: The Indego Garage offers both models additional protection against wind, weather, dirt and prying eyes. With its tailor-made design, customized in detail for the robotic lawnmower and its base station, it is as small as possible and as big as necessary. The Indego 400 and Indego 400 Connect can park in it so that they are protected from all sides and in a space-saving way. The Indego Garage is made of high-quality UV-resistant material which does not become discolored by the weather. One particular advantage is its transparent cover, which enables you to keep an eye on the lawnmower's display and operate it without any additional effort. The assembly is also very practical: The four individual parts slot together easily and can be fixed into the ground with four screws. With an appropriate sticker set in different designs, such as grass, pebble stones or wood, the garage is given a personalized look and fits perfectly into its surroundings.

Quiet robotic lawnmower for small to medium gardens

The robotic lawnmowers Indego 400 and Indego 400 Connect offer optimized, autonomous lawn care. Both models are 50 percent smaller and half as loud as previous models and can mow up to 400 square meters – an area which accounts for approximately 75 percent of all private gardens. The Indego works completely independently within a pre-defined area. This area is marked out with a supplied boundary wire before the robotic lawnmower is used for the first time. The Indego calculates the size of the area to be mowed by traveling along the entire length of this perimeter wire once, using sensors and a software to measure the garden. To optimize the task of mowing the calculated area, the models combine two functions: The proven “LogiCut” navigation system for effi-



cient mowing in lanes, and the new calendar function, which eliminates the need to manually program the mowing cycle.

Autonomous lawn care with calendar function and “LogiCut” technology

The calendar function automatically calculates the ideal mowing cycle based on the actual lawn size, the area that can be mown in one battery charge, the required charging times, and the pauses such as quiet time during lunch breaks or weekends. As a result, the user can rest easy in the knowledge that the entire lawn will always be maintained efficiently, without the need for any intervention on their part. Not only does this save the user time, but they will always know when and for how long the mower will be in action. The Indego 400 and Indego 400 Connect also operate with the tried-and-tested “LogiCut” navigation system for systematic mowing in lanes. In 30 minutes, or one battery charge, they mow an area twice as large as competitor models and are 35 percent faster extrapolated up to 400 square meters. Besides this, the Indego 400 Connect can easily be controlled from wherever you are using the Bosch “Smart Gardening” app. Data is transferred by GSM, the world’s most widely used standard for mobile communications.

The Indego Garage will be available from spring 2018 onwards. The prices listed are recommended retail prices including VAT. Subject to change.

Specifications	Indego Garage
Dimensions (height x width x length)	275 x 500 x 510 mm
Weight	4 kg
Scope of delivery/recommended retail price including VAT	Including sticker set €149.99



Specifications	Indego 400 / Indego 400 Connect
Battery voltage/capacity	18 V lithium-ion/2.5 Ah
Recommended lawn size	≤ 400 m ²
Maximum slope	15° (27%)
Cutting width	19 cm
Cutting height	30, 40 or 50 mm
Recommended height of cut grass	3 to 5 mm
Dimensions (length x width x height)	44.5 x 36.4 x 20.2 cm
Guaranteed sound power level	63 dB (about as loud as a normal conversation)
Functions of the "Smart Gardening" app (free for Android and iOS smartphones and tablets in the Google Play Store and Apple App Store)	<ul style="list-style-type: none">- start mowing- pause mowing- return to docking station- set calendar- attention alerts- disable mower - view FAQ- access telephone/email support- view and buy accessories- remote software updates
Weight including battery	8 kg
Comes complete with	Base station with four nails for securing, 125-m area demarcation cable incl. 180 nails for securing, 2 cable connections, power supply unit
Recommended retail price including VAT	<ul style="list-style-type: none">• Indego 400: €899• Indego 400 Connect: €1.099

Press photos: #1147201, #1147202, #1147203

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Saw with particular comfort and control: **Convenient 18 volt chainsaw from Bosch** One tool for multiple sawing tasks in the garden

July 27, 2017

PI 9751 PT MS

- ▶ UniversalChain 18 for diameters of up to 135 millimeters
- ▶ Best power-to-weight ratio in its class
- ▶ Great control when making undercuts thanks to the new recoil protection
- ▶ Expansion of the “Power for All” battery system

Bosch is expanding its 18 volt system for the garden and, with the UniversalChain 18, is introducing a chainsaw to this volt class for the first time. The tool is particularly compact so users can work with the UniversalChain 18 in a controlled manner and in any position, and can use it comfortably for a variety of sawing tasks in the garden. It is typically used for pruning fruit trees and cutting thicker timber or branches for firewood. The UniversalChain 18 can cut materials with a diameter of up to 135 millimeters; cuts between 70 and 130 millimeters are common. With a weight of only 3 kilograms, the cordless chainsaw also offers the best power-to-weight ratio in its class.

Controlled cutting thanks to the innovative recoil protection

Thanks to its compact design and features, the UniversalChain 18 is also suitable for people who have limited experience of chainsaws. Its recoil protection helps users to make every cut, such as undercuts, in a controlled manner: The protective guard at the tip of the blade reduces vibrations and makes clean cuts easier, which promote the healthy growth of wood. The way in which the severed branch falls can also be controlled more accurately and other branches will not be damaged accidentally. The UniversalChain 18 is also comfortable and easy to handle thanks to its integrated SDS system, which enables the saw chain and bar to be fitted in just a few hand movements and without the use of tools, and its automatic chain lubrication. The cordless chainsaw also has an ergonomic handle with Softgrip and an additional handle with a hand guard. During all sawing operations, the user can see the charging state of the battery on an easily visible display on the tool.

**Optimum power and maximum runtime thanks to the “Syneon Chip”**

On just one battery charge, the UniversalChain 18 can manage up to 40 cuts in soft wood with a diameter of 100 millimeters, so it is particularly efficient. This is made possible by the optimum coordination of key components such as the motor and the gearbox, combined with an intelligent electronic system, the “Syneon Chip“. This gives customers optimum power and maximum runtime at all times for every task. What’s more, the cordless chainsaw is powerful right up to the last cut: It holds its full power until the battery is empty.

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

The UniversalChain 18 is part of the “Power for All” battery system which comprises DIY and garden tools. 21 different power tools, from grass trimmers to rotary hammers, can currently be operated using the same 18 volt lithium-ion battery. 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 UniversalChain 18 cordless chainsaw will be available from April 2018 onwards. The prices listed are recommended retail prices including VAT. Subject to change.

Specifications*	UniversalChain 18
Battery voltage/capacity	18 V/2.5 Ah
Blade length/cutting length	200/135 mm
Chain speed	4,2 m/s
Vibration level	4,5 m/s ²
Dimensions without blade (length x height x width)	320 x 180 x 190 mm
Weight including battery	3 kg
Scope of delivery/recommended retail price including VAT	<ul style="list-style-type: none">• Tool including 2.5 Ah battery and charger: €199.99• Tool without battery and charger: €129.99

*All figures are provisional and based on internal measurements.

Press photos: #1147204, #1147205, #1147206

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New to the 18 volt garden range: **Bosch pole hedgecutter and pole pruner** Telescopic tools for effortless work without a ladder

July 27, 2017

PI 9752 PT MS

- ▶ UniversalHedgePole 18 for trimming young shoots from tall hedges
- ▶ UniversalChainPole 18 for hard-to-reach branches of up to 150 millimeters in diameter
- ▶ Optimum power and maximum endurance thanks to “Syneon Chip”
- ▶ Constant expansion of the “Power for All” battery system

Trim tall hedges and prune hard-to-reach branches effortlessly without a ladder using the new 18 volt garden tools from Bosch. With the UniversalHedgePole 18 hedgecutter and the UniversalChainPole 18 pruner, users can work efficiently and comfortably at heights of three to four meters thanks to the adjustable telescopic pole and pivoting head. The 18 volt tools’ lithium-ion battery technology guarantees continuous cutting performance. For both tools, the good balance and light weight of 3.6 kilograms including the battery provide great ease of use, ensuring that your arms and back are well taken care of, even when the tools are used for a long time. Furthermore, the ergonomically designed handle with Soft-grip plus a secondary handle allows comfortable use.

UniversalHedgePole 18 hedgecutter

With the Bosch UniversalHedgePole 18, users can quickly and accurately cut young shoots and small to medium branches on tall hedges such as conifers, privets, beeches or yews. The hedgecutter has a 43-centimeters blade, its length is adjustable and the tool measures 2.0 to 2.6 meters from the tip protector to the handle. Its head can be pivoted around 135 degrees offering even more flexibility. The Bosch anti-blocking system guarantees a continuous cutting performance even for thicker branches: If the tool fails to cut through a branch at the first attempt, micro-electronics in the motor adjust the running direction of the blades so that they are applied to the same point until the branch has been cut through. Bosch is the only company on the market offering such technology.

**UniversalChainPole 18 pruner**

The UniversalChainPole 18 prunes hard-to-reach branches up to 150 millimeters in diameter. Its head can be pivoted around by up to 120 degrees. Its length is adjustable and the tool measures 2.0 to 2.6 meters from the tip protector to the handle. This means that users can slim down treetops or cut branches at different heights without damaging the tree. With a chain speed of four meters per second and a chain length of 20 centimeters, the pruner offers a powerful and continuous cutting performance. The tip protector ensures safe and comfortable guidance of the tool when undercutting. The automatic chain provides for easy maintenance while using the tool, whereas the transparent oil tank allows you to quickly check the oil level when needed.

Optimum power and maximum run time thanks to the “Syneon Chip”

The UniversalHedgePole 18 hedgecutter is designed for trimming young shoots from hedges, and the UniversalChainPole18 pruner for cutting branches with a diameter of up to 150 millimeters. Both tools are extremely efficient in doing so. The basis is the optimum coordination of key components such as the motor and the gearbox, combined with an intelligent electronic system called the “Syneon Chip”. This gives customers optimum power and maximum runtime at all times for all cutting jobs. Furthermore, the tools remain powerful right up to the last second of cutting – they run on the full power until the battery is empty.

A smart combination: “Power for All” from Bosch

The UniversalHedgePole 18 and UniversalChainPole 18 are part of the “Power for All” battery system which comprises DIY and garden tools. 21 different power tools, from grass trimmers to rotary hammers, can currently be operated using the same 18 volt lithium-ion battery. 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 cordless UniversalHedgePole 18 and the cordless UniversalChainPole 18 will be available from January 2018 onwards. The prices listed are recommended retail prices including VAT. Subject to change.



Specifications*	UniversalHedgePole 18
Battery voltage/capacity	18 V/2.5 Ah
Charge time	1 h
Blade length	43 cm
Tooth opening	16 mm
No-load stroke rate	2,200 spm
Telescopic height adjustment	2.0 – 2.6 m
Swivel head	135°, 10 positions
Weight	3.6 kg
Scope of delivery/recommended retail price including VAT	<ul style="list-style-type: none">• Tool including 2.5 Ah battery and AL 1830 CV quick charger: €199.99• Tool without battery and charger: €129.99

Specifications*	UniversalChainPole 18
Battery voltage/capacity	18 V/2.5 Ah
Charge time	1 h
Blade length	20 cm
Chain	3/8" – 90 PX or 90PX033E
Chain speed	4 m/s
Telescopic height adjustment	2.0 – 2.6 m
Swivel head	120°, 9 positions
Weight	3.6 kg
Scope of delivery/recommended retail price including VAT	<ul style="list-style-type: none">• Tool including 2.5 Ah battery and AL 1830 CV quick charger: €199.99• Tool without battery and charger: €129.99

*All figures are provisional and based on internal measurements.

Press photos: #1147207, #1147208, #1147209, #1147210

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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 2016, its roughly 20,000 associates generated sales of 4.5 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. The division generated about one third of its sales in 2016 with products that have been on the market for less than two years. In 2017, 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 390,000 associates worldwide (as of December 31, 2016). The company generated sales of 73.1 billion euros in 2016. 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 manufacturing. 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 deliver innovations for a connected life. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiaries and regional companies in some 60 countries. Including sales and service partners, Bosch's global manufacturing and sales network covers nearly every country in the world. The basis for the company's future growth is its innovative strength. At 120 locations across the globe, Bosch employs some 59,000 associates in research and development.

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



Window cleaning made easy:

GlassVac – the first cordless window vacuum from Bosch Clean surfaces quickly, without streaks or squeaking

September 03, 2018

PI 9753 PT MS

- ▶ Glides over surfaces with trusted Bosch wiper-rubber technology
- ▶ Shorter than similar competitor models to clean right up to the surface edge
- ▶ Cleaning in two steps with spray applicator and GlassVac

We all know the feeling: Our laboriously cleaned windows show up streaks in the sunlight or dirt in the corners and at the edges. Buckets knocked over, dirty dishcloths, wet newspaper – window cleaning is a pain. But the GlassVac, Bosch's first cordless window vacuum, is here to help. A particular advantage is that the wiper blade utilizes existing Bosch expertise from the automotive sector. The GlassVac wiper blade has "Power Protection Plus", an innovative wiper-rubber technology with polymer coating, which until now had been used only for windscreen wipers from Bosch. This technology now also guarantees clean results at home: The wiper blade glides effortlessly over surfaces because it generates very little friction, so that streaks and annoying squeaking noises are a thing of the past. The wiper lip is also very robust and durable and lasts longer than conventional rubber lips.

Clean windows indoors and outdoors, glass surfaces, tiles, mirrors or shower cubicles and also vacuum spilled liquids – the GlassVac can do it all. At the same time, the cordless window vacuum boasts an exceptionally compact design: At a height of only 22 centimeters it is shorter than equivalent competitor models to clean right up to the surface edge.

Say goodbye to buckets and newspaper! Easy cleaning in two steps

The GlassVac is ready to use at any time. It cleans windows and smooth surfaces in two steps. Step one: Mix detergent with water in the applicator and spray it on the surface. Any conventional detergent can be used. The spray nozzle is adjustable so the spray pattern can be adapted to the surface area. Stubborn dirt can be removed at the same time with the integrated microfiber cloth, which can be easily detached for washing. The spray applicator sits comfortably in your



hand and can be set down safely on its broad base. Step two: Switch on the GlassVac, place it against the window, or other smooth surfaces, and start vacuuming. The tool offers two wiper heads for different applications and surfaces: 133 and 266 millimeters wide. The products tank, which collects the dirty water, can be emptied quickly and easily by opening the rubber plug on the tank and pouring out the water.

Other features of the cordless window vacuum include an integrated LED light, which displays the battery charge, and a micro-USB charger simply used to re-charge the GlassVac. It also comes with a wrist strap: clean effortlessly without the risk of dropping the tool.

The GlassVac is available since March 2018 onwards. The prices listed are recommended retail prices including VAT. Subject to change.

Specifications*	GlassVac
Battery voltage/capacity	3.6 V/2.0 Ah
Runtime	30 minutes
Cleaning performance	105 m ² /approx. 35 windows per battery charge
Charging time	130 minutes
Wiper blade widths	133 and 266 mm
Wiper blade technology	PPP – Power Protection Plus
Tool dimensions without wiper blade (height x length x width)	222 x 162 x 96 mm
Dirty water capacity	100 ml
Weight	700 g
	Spray applicator
Spray applicator dimensions (height x length x width)	242 x 112 x 110 mm
Microfiber cloth size (length x width)	<ul style="list-style-type: none">• 276 x 70 mm• 110 x 60 mm
Capacity	300 ml
Scope of delivery/recommended retail price including VAT	Window vacuum with integrated 2.0 Ah battery, two wiper blades, micro-USB charger, wrist strap and spray applicator with two microfiber cloths: €79.99

*All figures are provisional and based on internal measurements.

Press photos: #1147211, #1147212, #1147213

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