Press release
Power Tools

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More robust, intuitive, and flexible than ever before: **New generation of Bosch line lasers for professionals** Make leveling even simpler with maximum visibility

- Two 360°-line lasers and one cross-line laser with green laser lines
- Better protection from dust, water, and drops than ever before
- Up to three different power sources for maximum flexibility
- First 360°-line laser in the Professional 18V System

Three new leveling tools from Bosch – the GLL 18V-120-33 CG Professional and GLL 80-33 G Professional 360°-line lasers as well as the GLL 20-22 G Professional cross-line laser – make precision leveling a breeze for tradespeople. The new tools are perfect for interior tasks such as drywall construction, installing suspended ceilings, laying tiles and pipes, and cabinet installation. Thanks to the green laser lines, which are up to four times more visible than the red lines produced by comparable tools, drywall builders, electricians, plumbers, carpenters, and professionals of other trades can work using precise horizontal and vertical lines even in bright environments and over large distances. The GLL 18V-120-33 CG Professional and GLL 80-33 G Professional 360°-line lasers each project one horizontal and two vertical lines and are compatible with laser receivers for even greater range at radius of 120 and 80 meters respectively. The compact GLL 20-22 G Professional cross-line laser projects a precise laser cross over a distance of up to 20 meters. All three tools are more robust, intuitive, and flexible than ever before – ideal for use on jobsites. Not only that, the GLL 18V-120-33 CG Professional is also the first line laser to be compatible with the Professional 18V System.

Shock-absorbing housing, new geometry, and improved IP protection

What makes the tools so special is their shock-absorbing rubber casing, with the 360°-line lasers featuring specially designed damping elements. The geometry of the laser towers has also been optimized to be lower down and include additional rubber elements to ensure that the lenses have minimal exposure and maximum protection. Dust and even water jets cannot harm the new generation of line lasers: The devices are IP65-certified for the first time.

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Even simpler operation and improved keypad

Both 360°-line lasers have vertical on/off switches that can be operated easily with one hand, offering greater stability compared to those with horizontal switches. With the GLL 18V-120-33 CG Professional, the 360° beams can also be assigned to the respective laser tower with ease thanks to the newly developed keypad on the corner of the housing and then be selected and deselected individually. The GLL 18V-120-33 CG Professional can also be controlled remotely with the Bosch Leveling Remote App, ensuring that laser lines are not moved unintentionally once positioned, for example.

Up to three different power sources for maximum flexibility

The new GLL 18V-120-33 CG Professional, GLL 80-33 G Professional, and GLL 20-22 G Professional line lasers also offer users maximum flexibility when it comes to power. The GLL 18V-120-33 CG Professional, for instance, is the first line laser to be compatible with the Professional 18V System. The recommended ProCore18V battery with 4.0 Ah offers up to 20 hours of runtime with three laser lines activated, or up to 28 hours in energy-saving mode. The GLL 18V-120-33 CG Professional can also be operated with a 12V battery from the Professional 12V System or with four C-cell batteries with the right adapters – in both cases for runtime of up to eight hours. Thanks to its integrated, robust mount, the GLL 18V-120-33 CG Professional can be attached to magnetic surfaces, screwed down or fastened with a ceiling clamp. With the pivot fine adjustment, it can also be altered with precision around a fixed reference point on the ground.

The GLL 80-33 G Professional 360°-line laser can now be operated with the new BA 3.7V 3.0Ah XL Professional 3.7V lithium-ion battery or four AA batteries for up to five hours in normal mode with three laser lines. The battery can also be charged while being operated thanks to the USB-C connection. Using the keypad on the top of the housing, users can control each laser line individually and also activate energy-saving mode. The receiver mode for working with a laser receiver is always on automatically, so no additional button is required.

The compact GLL 20-22 G Professional cross-line laser projects a precise laser cross to the front. Thanks to the new U-shaped front window, the horizontal opening angle is now even wider, projecting the laser line further than previous models. The new 3.7V lithium-ion battery powers the tool for up to eight hours, while four AA batteries offer up to six hours of runtime. With the universal bracket, which is included with both types, the line lasers can be attached to almost any surface with screws or through the integrated magnets. All three models feature a 1/4” thread, while the 360°-line lasers also have a 5/8” thread for working with a tripod.

The line lasers are available from September onwards. All prices are recommended retail prices and do not include VAT.

Tool specifications	**GLL 18V-120-33 CG Professional**	**GLL 80-33 G Professional** (replaces the GLL 3-80 G Professional)	**GLL 20-22 G Professional** (replaces the GLL 2-15 G Professional)
Laser line **range**	35 m (120 m with LR 7 Professional laser receiver)	30 m (80 m with LR 7 Professional laser receiver)	20 m
Laser line leveling accuracy	± 0.3 mm/m	± 0.3 mm/m	± 0.3 mm/m
Leveling time	≤ 3 s	< 4 s	< 4 s
Self-leveling range	± 4°	± 4°	± 4°
Laser diode/laser class/ color	500–540 nm, < 10 mW/class 2/green	500–540 nm, < 10 mW/class 2/green	500–540 nm, < 10 mW/class 2/green
Dust and splash protection	IP65 (excluding rechargeable battery, batteries, adapter)	IP65	IP65
Power supply	• 18V lithium-ion battery • 12V lithium-ion battery • 4x Alkaline LR14 (C-cell) batteries	• 3.7V lithium-ion battery • 4 x 1.5 V LR6 (AA) batteries	• 3.7V lithium-ion battery • 4 x 1.5 V LR6 (AA) batteries
Runtime with three laser lines	• 20 h with 18V 4.0 Ah • 8 h with 12V 2.0 Ah • 8 h with alkaline batteries (in energy-saving mode)	• 5 h (lithium-ion) • 5 h (alkaline)	• 8 h (lithium-ion) • 6 h (alkaline)
Operating temperature	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +50 °C
Storage temperature	-20 °C to +70 °C	-20 °C to +70 °C	-20 °C to +70 °C
Bluetooth compatibility/ connectivity	Yes	No	No
Tripod mount	1/4”, 5/8”	1/4”, 5/8”	1/4”
Dimensions (length x width x height)	205 x 103 x 158 mm	144 x 89 x 139 mm	129 x 68 x 116 mm
Weight without recharge-able battery/batteries	1.36 kg	0.93 kg	0.56 kg
Scope of delivery/recommended retail price plus VAT	• Tool in an L-Boxx 136 with DK 20 Professional ceiling clamp: €809 • Tool in an L-Boxx 136 with ProCore18V 4.0 Ah battery, GAL 18V-40 Professional charger, and DK 20 Professional ceiling clamp: €949	• Tool in a carton with four 1.5 V LR6 (AA) batteries, battery adapter, LB 10 Professional universal bracket, and bag: €552 • Tool in a case with BA 3.7V 3.0Ah XL Professional battery, USB-C cable, battery adapter, LB 10 Professional universal bracket, DK 20 Professional ceiling clamp, and bag: €652	• Tool in a carton with four 1.5 V LR6 (AA) batteries, battery adapter, LB 10 Professional universal bracket, and bag: €199 • Tool in a carton with BT 150 Professional tripod, four 1.5 V LR6 (AA) batteries, battery adapter, LB 10 Professional universal bracket, and bag: €248 • Tool in a toolbox with BA 3.7V 3.0Ah XL Professional battery, USB-C cable, battery adapter, LB 10 Professional universal bracket, and bag: €279
	A laser target is also included with all models.		

Subject to change.

Press photos are available on the Bosch Media Service at www.bosch-press.com.

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The Robert Bosch Power Tools GmbH, a division of the Bosch Group, is one of the world's leading providers for power tools, garden tools, power tool accessories and measuring tools. In 2023, its roughly 19,500 associates generated sales of 5.6 billion euros, about 90 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 2024, Bosch Power Tools will again launch more than 100 new products onto the market in its four business segments power tools, outdoor and garden tools, accessories and measuring tools.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 429,000 associates worldwide (as of December 31, 2023). The company generated sales of 91.6 billion euros in 2023. Its operations are divided into four business sectors: Mobility, Industrial Technology, Consumer Goods, and Energy and Building Technology. With its business activities, the company aims to use technology to help shape universal trends such as automation, electrification, digitalization, connectivity, and an orientation to sustainability. In this context, Bosch's broad diversification across regions and industries strengthens its innovativeness and robustness. Bosch uses its proven expertise in sensor technology, software, and services to offer customers cross-domain solutions from a single source. It also applies its expertise in connectivity and artificial intelligence in order to develop and manufacture user-friendly, sustainable products. With technology that is "Invented for life," Bosch wants to help improve quality of life and conserve natural resources. The Bosch Group comprises Robert Bosch GmbH and its roughly 470 subsidiary and regional companies in over 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. Bosch's innovative strength is key to the company's further development. At 136 locations across the globe, Bosch employs some 90,000 associates in research and development, of which nearly 48,000 are software engineers.

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