



NEW METABO CORDLESS ANGLE GRINDER WPB 36 LTX

More than a new product: The world's first large cordless angle grinder from Metabo is the first representative of a new generation of power tools.

230 millimetre disc diameter, 2,400 Watt, no cable: In September Metabo will be introducing the world's first large cordless angle grinder to the market. "The vision of the "cordless construction site" has thus become a reality", says the Metabo CEO Horst W. Garbrecht.

The world's first 230mm cordless angle grinder from Metabo provides the user with ultimate freedom: With its powerful LiHD battery pack technology it now reaches new performance dimensions. Dimensions which when cutting and grinding, were previously achieved only by large mains-powered machines.

The WPB 36 LTX BL 230 is the first 36 Volt cordless angle grinder delivering the performance level of a 2,400 Watt mains-powered machine, and it will be available for sale as from September. "With this angle grinder our vision of the "cordless construction site" has become a reality", says the Metabo CEO Horst W. Garbrecht.

"Our LiHD technology has increased the power performance of battery-powered power tools so much that even problem tasks with extremely high power requirements can be solved with cordless tools. Whether large angle grinders, table saws or other machines with a power requirement beyond the 2,000 Watt limit – we can now reproduce them in such a way that the professional can use a cordless solution without any loss in performance or productivity. The WPB 36 LTX BL 230 is the first representative of the new generation of high performance power tools and we are working hard to introduce machines to the market to provide further new cordless applications and solutions"

Actually, the WPB 36 LTX BL 230 pushes previous boundaries for cordless machines by the dozen. The large disc diameter and the compact design permits a 77mm depth of cut with the need for mains supply. Whether in road construction, in metal construction, when carrying out roof work or in gardening and landscaping: The powerful, completely encapsulated brushless motor with over-load protection makes the machine particularly robust and durable even in dusty surroundings and for demanding applications. At the same time, users progress quickly with demanding cutting and grinding jobs, permitting them to work with this cordless angle grinder in a highly productive manner.

With one battery pack charge professionals can cut up to 11 steel crash barriers, cut more than 75 roofing tiles to size or effect around 5 metres of 5cm cuts in thick concrete boards. Therefore the 36 Volt cordless angle grinder is the first representative of a new generation of battery-powered power tools at a completely new performance level. This milestone on the pathway to the cordless construction site and workshop was made possible by the unique LiHD battery pack technology, which Metabo presented during the past year. With LiDH and the Ultra-M technology as the platform, Metabo offers one of the leading battery pack technologies on the market. Metabo grants a three-year warranty on all battery packs.



Maximum safety and comfort

Since most accidents with angle grinders are due to a loss of control, Metabo focuses on prevention with numerous safety functions: Perfectly balanced, the new cordless angle grinder always lies safely in the hand with its ergonomic gripping surface and the large operating elements that can be operated even wearing gloves.

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The rotating main handle between motor and battery pack of the WPB 36 LTX BL 230 offers maximum safety and highest comfort in different application positions. The vibration-reducing Metabo VibraTech (MVT) side handle can also be set in three different positions allowing users to have a safe grip on the machine when cutting and grinding. Thanks to the electronic soft start, the machine starts up smoothly, and the electronic safety shutdown reduces the kickback effect if the disc stops unexpectedly. In this way Metabo reduces the risk of a loss of control to a minimum when switching on the angle grinder and when the disc jams.

For safe, fast shutdown in dangerous situations, Metabo has also equipped the new cordless angle grinder with a deadman's switch and an electronic brake system with M14 safety spindle. Thanks to this combination, the disc stops in a matter of seconds as soon as the user re-releases the switch - and thus reduces the accident risk to a minimum in case the user loses control.

Red Dot Design Award: Award for innovative design

Apart from the technical performance data, the outer design and ergonomics of the world's first 36 Volt cordless angle grinder also impress. Metabo received the Red Dot Design Award 2016 in the "tools" category for the WPB 36 LTX BL 230. Every year, the global competition awards products with innovative, above-average design. The "Red Dot" is the internationally highly regarded seal for excellent design quality. "It is always a challenge to develop and design a "world's first" completely on your own, all the more reason we are happy about this award", says Frauke Kielblock, Design Manager. The Metabo team analyses the user behaviour and derives from there the core requirements for design guidelines, functions and handling before commencing with the specific product design. "Our aim was to connect the large disc diameter, and above all the enormous performance and power of the machine with an ergonomic, perfectly balanced design, and to adapt it optimally to the requirements of the users in trade and industry, says Dr. Andreas Siemer, Director of Product Management and Training. The Nuertingen company managed to do this in an exemplary way with a dynamic and ergonomic design: The uniform weight distribution permits excellent control over the angle grinder, the straightforwardness of its geometry expresses high efficiency, this was the reasoning of the 40-head Red Dot.

