

Press release



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Bosch opened a new production hall in Miskolc

EBike batteries and power tools are produced by state-of-the-art technologies

- 13.9 billion forints investment: production capacity expansion, larger floorspace and more advanced technologies in Miskolc
- Battery manufacturing competence center: millions of batteries produced and tested annually
- Power tool plant in Miskolc is also committed to climate protection

Miskolc – Bosch opened a new production hall equipped with state-of-the-art technologies in Miskolc. Thanks to the investment, the company's power tool plant continues to produce in a larger area than before, increasing the production capacity and efficiency of the site. Some of the activities already carried out at the site have been transferred to the new production hall, and electric power tools and eBike batteries are manufactured with more advanced technology than before. "This production hall is an excellent example of how Bosch builds the industrial centers of the future: state-of-the-art manufacturing technologies, expertise and commitment to quality are both important values in Miskolc, which makes this site strategically important for the company group at global level" - emphasized László Fűkő, general manager of Robert Bosch Power Tool Elektromos Szerszámgyártó Kft. The Hungarian state provides 3.4 billion forints as non-refundable contribution to the investment of 13.9 billion forints.

Cordless power tools for DIY and gardening fans (such as drills, saws, multi-tools, chainsaws and hedge trimmers) as well as their batteries are produced in the 20,000-square-meter hall, which has just been inaugurated. Bosch eBike batteries are also produced there.

Industrial technology of the future in Miskolc

The new hall of Bosch's power tools plant in Miskolc already uses the technology

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of the future. Production is controlled by Bosch's proprietary Industry 4.0 software solution, which makes decisions without human intervention based on real-time data – ordering raw materials or changing the order of production. Automated vehicles supply raw materials to the production lines and the LED lighting equipped with luminosity sensors in the hall is also digitally controlled.

A strong emphasis was placed on a professional and inspiring working environment. Rest areas and kitchenettes were established in the production areas of the new building, and inspiring community spaces were created in the offices. In addition, the factory was extended with labs, a restaurant and a parking lot accommodating 100 cars.

European competence center in Miskolc

Miskolc is the Bosch Group's largest power tools plant in the world, at the same time it is also Bosch's European battery manufacturing competence center. Across the continent, batteries for power tools are only produced in Miskolc. In addition, the expertise and testing and approval competences necessary for high-volume production and special production technology are only available here. The site mainly manufactures products for the European market, but some product segments are also sold globally.

Not only smart, but green too

Bosch strongly focuses on climate protection measures, and more than 400 of its locations are carbon neutral since the first quarter of 2020 worldwide – this also includes the Hungarian locations including Miskolc. The company supports energy-efficient solutions, increases the share of renewable energy in its supply and buys more green energy, thereby offsetting the inevitable carbon dioxide emissions. The heating, cooling and lighting systems were installed in the Miskolc production hall accordingly. For the latter, LED technology is used exclusively, the building is heated by a condensing gas boiler that can be controlled on the basis of heat demand, thus reducing the amount of CO₂ emitted. Water consumption is significantly reduced by the built-in hybrid cooling towers. A solar power plant is planned on the top of the hall: with the projected investment in 2021, CO₂ emissions can be reduced by up to 250 tonnes.

About Robert Bosch Power Tool Elektromos Szerszámgyártó Kft.

Robert Bosch Power Tool Elektromos Szerszámgyártó Kft. was founded in November 2001 in Miskolc and has become a decisive factor not only within the company group but also in the region. The company, which employs over 3,000 associates, is engaged in the assembly of electric power tools, garden equipment and related batteries, as well as professional woodworking electric tools, and the development and production of eBike batteries on more than 42,000 square meters. Robert Bosch Power Tool Kft. in Miskolc – besides launching high-quality dual training – has become one of the main employers in the region and has made a number of small and medium-sized enterprises its strategic partners. Moreover, with its high-quality, future-oriented projects, it continuously strives for

a high level of innovation and for the region to play its part in this development.

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Basic information:

Bosch has been present in Hungary since 1898 with its products. After its re-establishment as a regional trading company in 1991, Bosch has grown into one of Hungary's largest foreign industrial employers with currently nine subsidiaries. In fiscal 2020 it had total net sales of 1,497 billion forints and consolidated sales to third parties on the Hungarian market of 238 billion forints. The Bosch Group in Hungary employs more than 15,500 associates (as of December 31, 2020). In addition to its manufacturing, commercial and development business, Bosch has a network of sales and service operations that covers the entire country.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 395,000 associates worldwide (as of December 31, 2020). The company generated sales of 71.5 billion euros in 2020. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiary and regional companies in some 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. With its more than 400 locations worldwide, the Bosch Group has been carbon neutral since the first quarter of 2020. The basis for the company's future growth is its innovative strength. At 129 locations across the globe, Bosch employs some 73,000 associates in research and development, of which nearly 34,000 are software engineers.

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