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Press release

bdtronic receives major order in the field of e-mobility: Audi orders impregnation machines for electric motor production

bdtronic, a globally active mechanical engineering company based in Weikersheim, Germany, receives another major order from the automotive industry. The company will supply systems for electric motor production for the Audi Premium Platform Electric (PPE) in the coming years.

During the last year, all German Original equipment manufacturers (OEM) have launched several new electrical or hybrid engines. After the diesel gate, presence of new competition in the automotive market and pressure of the CO2 legislation, this launch became even faster and more furiously than expected.

Since 2008, bdtronic has developed a special technology, which is needed to produce high efficient e-motors, namely impregnation. The company offers different machine concepts for impregnation of H/EV motors, especially with trickling process. After being successful with this technology in China and the United States, bdtronic has won the Global award in the category of "Product of the year" at the main yearly event for e-mobility CWIEME Berlin.

"bdtronic has delivered and installed several high-volume machines at German Tier1 automotive suppliers and several low-volume impregnation machines to German OEMs. We are now proud that AUDI has chosen us to deliver the first high-volume production machine for impregnating e-motors",

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Management:
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says Patrick Vandenhijn, CEO of bdtronic and Member of the Management Board of MAX automation.

This high production machine has a short cycle time and a very high production volume. bdtronic has a lot of experience in dispensing and impregnation technology. This connection is unique in the market and enables the company to build a machine that ensures both highest quality requirements and high production volumes. Audi will use bdtronic systems for the production of e-motors within the PPE architecture (Premium Platform Electric).

bdtronic has experienced strong growth over the past few years; the company has almost doubled in sales, staff and manufacturing capacity. This year will end with more than 400 employees and over 70 million Euros in total sales. Besides Weikersheim, the headquarter of bdtronic, a small town in the Taubervalley near Würzburg, there are two more bdtronic production facilities, Rieti in Italy and Tulsa Oklahoma in the United States.

“This partnership with one of the leading German OEMs in the automotive industry is the next big step in the bdtronic success story and we are more than willing to take it. With a new manufacturing site covering 6500 sqm in Weikersheim and further big investments in people and the sites in Italy and USA where we double also capacity, we are ready for the revolution in the automotive industry. We are ready to provide the right solutions, which we have been working for years, for e-mobility and autonomous driving, where the market is asking for” explains Patrick Vandenhijn.

“With more than 4000 machines installed worldwide we are no longer a hidden champion in Baden-Wurtemberg. We should not stay hidden any longer either, because with this product portfolio and these new technical developments in the automotive industry, our biggest challenge will be to find enough qualified personnel for the production of these high-tech solutions. The secret of the success of bdtronic is the excellent team from development

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to after sales service. For the growth it will be crucial to find the right team players with the right qualities and qualifications,” stated Patrick Vandenhijn.

bdtronic GmbH

With more than 4,000 installed machines worldwide, bdtronic is one of the world’s leading machine manufacturers for Dispensing, Impregnation, Hot Riveting and Plasma Technology. bdtronic provides entire system solutions for assembly and production automation to all well-known manufacturers in the automotive, electric and electronics industry, medical technology and renewable energy. bdtronic has more than 400 people worldwide at eight subsidiaries in Europe, Asia and the Americas, including production facilities in Germany, Italy and USA.

Press picture:



bdtronic receives major order from Audi for electric motor production.

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bdtronic has moved into a second state-of-the-art administration and production building with a total area of 6,500 square meters in Weikersheim.

Video:

Watch a video of the world's largest and fastest impregnation plant

<https://youtu.be/nsbzJW30eUQ>

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