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Press Release

Trends at bauma 2019: electromobility and driverless vehicles

- World-leading exhibitors to showcase latest cutting-edge technology
- Trend for electric drives already setting in for smaller machines
- bauma 2019 to provide platform for discussions with international manufacturers

One major trend is already emerging: the construction machinery industry is increasingly opting for alternative drives. In the future there will no longer be one single typical drive system but instead an increasingly wide range of competing drive systems on the market. Electromobility and driverless vehicles in particular are seen as key future drivers. The world's leading manufacturers will be showcasing their developments and discussing the opportunities and challenges presented by new technology at bauma 2019, taking place from April 8 to 14 at Messe München.

“We have identified that electromobility and driverless vehicles are two areas that are increasingly gaining traction with manufacturers and service providers in the construction machinery industry. As such, we intend to provide these hot topics with a platform at bauma 2019. The important thing to note is that we won't only be showcasing the diverse range of possible applications of leading exhibitors' products but will also be providing a platform for discussing the aims, potential and sustainability of new technology,” says Mareile Kästner, bauma 2019 project director.

Alternative drives are the future

Producing cleaner, quieter and more efficient machinery is the future aim of electrification, according to many manufacturers of construction machinery. In fact, more and more companies are already upgrading smaller machines in the lower power range with electric drives. There is also growing interest in hybrid vehicles. As such, systems, which can handle light work but then engage a combustion engine where maximum power is required, are already under development.

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Solutions to enable driverless construction machinery already exist in certain areas of the mining industry and other related areas. They are particularly suitable for use in quarries as the same routes are always followed from the actual quarrying site to the processing area. There are also future plans for excavators, which, for example, will be able to dig excavation pits autonomously. Although a lot of preparatory work has already been done, driverless machines are not yet something which can be fully accomplished or implemented due to the safety aspects involved at complex construction sites. The latest developments of leading manufacturers all around the world will therefore be the hot topic under the spotlight at bauma 2019.

Networking and discussions: topics at bauma 2019

Will there only be autonomous and networked systems in the future? Are we now digitalizing everything? Not everything that is technologically possible is also useful and cost-effective. As such, exhibitors and trade fair attendees will have the opportunity to question aims and provide fitting responses together. Within the bauma FORUM in Hall C2 the thematic group “Driverless Vehicles, Electromobility & Electric Drives and Zero Emissions” will focus primarily on aspects regarding autonomous driving. Among others the following companies have already signed up to take part: Hydac, Komatsu, Siemens, Wacker Neuson, Mecalac, and ZF.

In addition to the companies participating in the bauma FORUM leading exhibitors in the field of electromobility and driverless vehicles, including Doosan Bobcat, MAN Truck, Mecalac, Liebherr, Perkins Engines and Bosch Rexroth will also be present in the halls of bauma 2019. Exhibitors Komatsu, Deutz and Paus will be displaying products and solutions specifically for the mining industry.

Attendees can consult an up-to-date overview of all exhibitors online in the bauma [Exhibitor directory](#). More information about the trade fair is available at www.bauma.de.

About bauma

bauma is the world's leading sector event for construction machinery, building material machines, mining machines, construction vehicles and construction equipment. With a total exhibition space of 605,000 square meters, bauma is also the largest trade show in the world. In 2016 bauma broke again all previous records, attracting a total of 3,425 exhibitors from 58 countries, and 583,736 visitors from 219 countries. bauma takes place every three years in Munich; the dates for the next edition are April 8 to 14, 2019.

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bauma NETWORK: Six construction machinery trade fairs of Messe München

In addition to the world's leading trade fair bauma, Messe München has extensive skill in organizing additional international construction machinery trade fairs. For example, Messe München organizes bauma China in Shanghai and bauma CONEXPO INDIA in Gurgaon/Delhi together with the Association of Equipment Manufacturers (AEM) as well as the bauma CONEXPO Africa in Johannesburg. In December 2015, Messe München successfully expanded its portfolio further with the purchase of the leading Russian construction machinery trade fair CTT, now renamed bauma CTT RUSSIA. In March 2017, the bauma NETWORK was again expanded with M&T EXPO in the form of a license agreement with SOBRATEMA (Brazilian Association of Association of Technology for Construction and Mining).

Messe München

Messe München is one of the leading exhibition organizers worldwide with more than 50 of its own trade shows for capital goods, consumer goods and new technologies. Every year, a total of over 50,000 exhibitors and around three million visitors take part in more than 200 events at the exhibition center in Munich, at the ICM – Internationales Congress Center München and the MOC Veranstaltungszentrum München as well as abroad. Together with its subsidiary companies, Messe München organizes trade shows in China, India, Brazil, Russia, Turkey, South Africa, Nigeria, Vietnam and Iran. With a network of associated companies in Europe, Asia, Africa and South America as well as around 70 representations abroad for over 100 countries, Messe München has a global presence.