

FMB 2018

07-09 November 2018 | Bad Salzfluhen Exhibition Centre

PRESS INFORMATION

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[A look ahead to the 14th FMB – the supplier show for mechanical engineering](#)

Drive Engineering 4.0 – a compact and comprehensive presentation

What are the current trends in drive engineering? Mechanical engineering companies asking themselves this question will be getting comprehensive, first-hand information in answer thereto from 7th to 9th November 2018 at the 14th FMB – the supplier show for mechanical engineering in Bad Salzfluhen. More than 90 of the 447 exhibitors (figures as of the middle of May 2018) will be showcasing their ranges of products and services as well as innovations in electrical, mechanical, hydraulic and pneumatic drive engineering.

These exhibitors will include global players operating in the field of electrical and mechanical drive engineering such as Lenze, Nord Drivesystems, SEW-Eurodrive, Siemens and SKF. Many well-known medium-sized enterprises specialised in precision drives, gear boxes, small engines and linear drives will also be attending the event – for example Faulhaber, Franke, G&G Antriebstechnik, Harmonic Drive, igus, KEB, Mayr, Nadella, Neff, Rodriguez, Stöber and Wittenstein. Market leaders such as Bosch Rexroth and Hansa-Flex will be representing hydraulics, while the field of pneumatics will be covered, among others, by Aventics, Festo and SMC. Other manufacturers, such as NSK and Parker, which rely on specialist dealers for their sales, will be represented at the show by their distributors including Hardy Schmitz, Nölle & Nordhorn, Oltrogge and Werthenbach.

Many of the nearly 100 expected exhibitors focusing on industrial drives will be taking a close look at digitisation and presenting examples of “Drive Engineering 4.0”. State-of-the-art drives can, for example, be integrated in predictive maintenance systems, which are frequently cloud based. They meet the increasingly stringent requirements regarding energy efficiency and are offered more and more often with a modular structure to enable them to be adapted to changing requirements during the life cycle of the machines or systems. The integration of drive and sensor technology is also a current trend: self-regulating drive components are thus created – a first step towards smart drives for which interfaces for universal communication networks are also required.

Therefore, these solutions cannot be put into practice without control and automation engineering. Both areas will also be well represented at FMB, thus providing a good overview of both traditional drive engineering and digitised drive concepts for Industry 4.0.

The 14th FMB – the supplier show for mechanical engineering will be held at Bad Salzuflen Exhibition Centre from 7th to 9th November 2018. An up-to-date directory of exhibitors is available for download at www.fmb-messe.de

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