



Press Release

Wednesday, 17. April 2019

Improved time-to-market for smart automation

Baumüller Austria presents intelligent drive and automation solutions at Smart Automation 2019 in Linz, Austria

Automation expert Baumüller will be exhibiting at Smart Automation 2019 in Linz from May 14 to 16, 2019 in hall DC at stand 140. Trade visitors will experience the added value of future-oriented drive and automatization with numerous innovations for smart production - from water-cooled servomotors to the ProSimulation simulation tool.

The DST2 series of high-torque engines will be presented in the engine portfolio with extensions in terms of power and speed. With one of the broadest offerings of motors on the market, in addition to different high-torque motors, Baumüller also offers efficient and scalable servomotors as well as main drives in numerous versions and sizes.

With its converters, Baumüller provides its customers with important advantages: from cost savings and higher dynamics to increased safety. The converter series of the b maXX family together cover a wide power range from 1 to 315 kW. The b maXX 5000 family comprises both stackable devices and powerful mono units. With optional safety packs, all devices in this series can be easily adapted to meet your individual safety needs. The b maXX 5000 and b maXX 3000 converters will be on display at Smart Automation in Linz.

Product Highlights

Baumüller's servo motor portfolio has been expanded to include the water-cooled model sizes 45 and 56. The housing is identical in design to an uncooled version and thus combines the advantage of maximal cooling with minimum dimensions. Another advantage of the heat dissipation via the cooling medium water is the space-saving design. This means that the motors can be placed next to each other without heating each other, even in tight spaces. Ideal, for example, for textile machines, plastic machines as well as forming and bending machines.

Speed is crucial – with the new simulation tool ProSimulation from Baumüller, customers are once again shortening their development and commissioning time of machines and systems significantly. The tool can be used to design and test optimum automation and drive components for machines. All parameters can easily be virtually simulated from your desk even without detailed simulation knowledge. ProSimulation also extends the range of functions of the ProDrive commissioning software, which allows for the simple and fast commissioning, parameterization and operation of all b maXX controllers.

The new tool can be used by a variety of industries and types of machines, both for standard systems as well as for special systems. Manufacturers of servo presses, rolling mills, filling plants or robots, for example, are already saving time and money today with the new simulation software. Because using ProSimulation leads to optimization to the complete replacement of a prototype. The financial expense and time required for development and commissioning are thus significantly reduced.

Life cycle management worldwide

In addition to the development and manufacture of automation components, Baumüller as a group of companies covers numerous services for machine and plant construction as well as for machine operators. From project planning and design through installation and commissioning to maintenance, retrofitting and relocation, Baumüller offers support throughout the entire life cycle of machines and systems. With over 40 branches worldwide, Baumüller is a globally reliable service partner with decades of local worldwide experience.

Baumüller Austria GmbH
Smart Automation, May 14-16, 2019
Hall DC/Stand 140 - Design Center Linz, Europaplatz 1, 4020 Linz

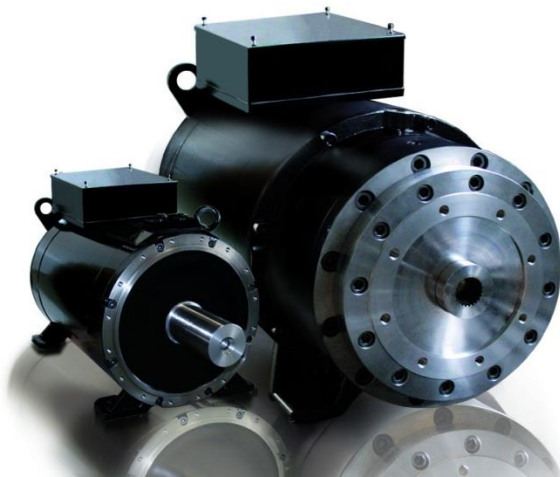


Figure 1: Baumüller's DST2 high-torque engines have been further optimized by speed and power increases



Figure 2: Experience ProSimulation live. Our expert Michael Stiegler explains the advantages of the new simulation software to customers using example simulations



Figure 3: The same nominal power despite different sizes: Water-cooled servomotors have up to twice as much nominal power as an uncooled motor of the same series



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Baumüller Austria GmbH, headquartered in Pasching near Linz, was founded in 1998 and, with almost 30 employees, is responsible for the sale of Baumüller products and services for its own and third-party brands. The services include motor and electronics repairs, on-site service as well as spare parts sales with our own spare parts warehouse. Baumüller Austria offers training sessions both in-house as well as at the customers' own locations. In addition to the training rooms, there are also exhibits that illustrate the new products in the Baumüller Austria training building. For external training, the application engineers are equipped with training kits to be able to support customers on site during commissioning. Baumüller's service employees put together individual maintenance packages in consultation with their customers.

Contact Austria:

Michael Ziegler
Baumüller Austria GmbH
T: +43 (0) 7229 22822 14
E: m.ziegler@baumueller.at

Contact partner for the press:

Stefanie Lauterbach
T: +49 (0) 911 5432 – 319
E: stefanie.lauterbach@baumueller.com

Anja Andraschko

T: +49 (0) 911 5432 – 548
E: anja.andraschko@baumueller.com

Contact partner for media:

Markus Morgenweck
T: +49 (0) 911 5432 – 312
M: +49 (0) 170 5516 - 160
E: markus.morgenweck@baumueller.com

<https://www.baumueller.com/en/news/press>
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