



Press Release

Thursday, 18. May 2017

Partnership for Tailor-Made Foil Bag Machine

Cooperation between the Companies LEMO and Baumüller

The engineering specialists of the Nuremberg-based drive and automatization manufacturer Baumüller received the order from LEMO Maschinenbau GmbH from Niederkassel, Germany to design a cost-optimized, efficient and sustainable foil bag machine that also affords the manufacturer maximum flexibility and quick commissioning in the production process due to its modular structure.

The Baumüller specialists were able to meet LEMO's desire for modularity and a work cycle increase with the help of a new automatization concept. Among other things, a modern and streamlined drive and control architecture was used for this purpose. This means an integrated fieldbus system, minimum number of devices and a reduced control structure. The control cabinets were optimized and a future-proof communication structure was selected for the software. This led to a high cost efficiency. In addition, more than 10% higher productivity was achieved compared to comparable machines due to this conceptual design as well as the standardization of versions through intelligent modularization.

It is self-evident that the new film bag machine is "Industry 4.0-ready." Thanks to the modular structure of the new machine, it's no problem to switch between different formats, such as loop handle bags, plastic grocery bags, bread bags or trash bags. The film bag machine can be ordered in various versions for the machine operator. A user-friendly user interface through which different operation modes can be selected in order to, for example, allow for simple service activities and that reduce the complexity for machine operators: these are just two of many features that create a considerable added value for both the machine builders as well as the machine operators.

Partners for Intelligent Comprehensive Solutions

There were several reasons for the decision to have the new machine designed by Baumüller engineering specialists and have them completely automated with Baumüller systems. Baumüller has been a reliable business partner of LEMO Maschinenbau GmbH for years and also does well with its many years of interdisciplinary engineering expertise and a multitude of realized tailor-made complete solutions.

At Interpack 2017 in Düsseldorf, Norbert Scholz, managing director of Baumüller Anlagen-Systemtechnik GmbH and Willi Fenninger, managing director and owner of LEMO Maschinenbau GmbH, renewed their long-term partnership for the new film bag machine.

"The requirement of the machine builder LEMO was to design an economically efficient and future-proof film bag machine where the complete control and servo drive technology with motors and

electronics comes from a single source," explains Norbert Scholz, managing director of Baumüller Anlagen-Systemtechnik GmbH.

"Thanks to the comprehensive system expertise of the Baumüller specialists, the new film bag machine offers the machine builders and machine operators absolute flexibility and has an optimal price-performance ratio," emphasizes Willi Fenninger, LEMO managing director and owner. LEMO co-owner and managing director Bernd Schlarp adds, "this gives our customers a future-proof and cost-effective production system that is characterized by the highest quality, the latest technology, energy efficiency and the fastest production speed."



Fig. 1: Norbert Scholz, managing director of Baumüller Anlagen-Systemtechnik GmbH (left) and Willi Fenninger, managing director and owner of LEMO Maschinenbau GmbH, seal their partnership for the new film bag machine at Interpack 2017 in Düsseldorf



Fig. 2: "The requirement of the machine builder LEMO was to design an economically efficient and future-proof film bag machine where the complete control and servo drive technology with motors and electronics comes from a single source," explains Norbert Scholz, managing director of Baumüller Anlagen-Systemtechnik GmbH



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Baumüller is one of the leading manufacturers of innovative automation and electric drive systems. At six manufacturing locations and over 40 subsidiaries spread all over the world, 1700 employees plan, develop, produce and install intelligent system solutions for mechanical engineering and E-Mobility; from operation and visualization tools to Motion Control software as per PLCopen, from software modules to controllers, also including converters, electric drives and the whole service range for ready to use automation solutions.

The areas service, installations, fitting, and relocation add to the wide range of Baumüller's services. In the mechanical engineering industry, Baumüller is one of the leading partners for automation solutions worldwide.

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