

ADAMOS – From machine manufacturers for machine manufacturers, their suppliers & customers

ADAMOS now with seven shareholders

- **KARL MAYER becomes seventh shareholder of joint venture ADAMOS GmbH**
- **ADAMOS enhances its strong position in machinery and plant engineering further**

The open, digital platform ADAMOS (ADaptive Manufacturing Open Solutions), set up by DMG MORI, Dürr, Software AG, ZEISS and ASM PT, is available around the world with support from 200 experts. After Engel Austria GmbH recently joined this strategic alliance for the future topic of the Industrial Internet of Things (IIoT), the KARL MAYER group has now become a member as well.

KARL MAYER is an innovative market leader and pioneer in textile machine building and offers solutions for warp knitting and warp preparation for weaving as well as for technical textiles. CEO of the KARL MAYER Group Arno Gärtner: "Joining the strategic ADAMOS Alliance is the next step in our digitization strategy. ADAMOS brings together experts in mechanical engineering and information technology to help provide high added value for customers. With this involvement we will gain access to an open IIoT environment which is specifically focused on the needs of machinery and plant construction."

As a pioneer in textile machine building, KARL MAYER pursues a broadly conceived digitization strategy: for one, the aim is to boost productivity within the company's own added value chain to the customers' benefit; and secondly, the intention is to develop new market-supporting business models, products and services involving digitization.

Back in November 2017, the company founded KARL MAYER Digital Factory GmbH in order to develop advanced digital competences in an agile environment. And now KARL MAYER Digital Factory GmbH too has taken a stake in ADAMOS GmbH. All seven companies are equal shareholders in ADAMOS GmbH, which is based in Darmstadt. They contribute their extensive sector expertise, innovative IT know-how as well as their existing solutions. These include digital marketplaces and a broad portfolio of apps. Other machine and plant manufacturers as well as component manufacturers can also take advantage of the ADAMOS range of services as partners.

Legends

Fig. 1: Arno Gärtner, CEO of the KARL MAYER group: “Joining the strategic ADAMOS Alliance is the next step in our digitization strategy. ADAMOS brings together experts in mechanical engineering and information technology to help provide high added value for customers. Through our involvement we obtain access to an open IIoT environment which is specifically focused on the needs of machinery and plant construction.”

Fig. 2: ADAMOS was founded as a strategic alliance for the future topics of Industry 4.0 and the Industrial Internet of Things (IIoT). ADAMOS stands for ADaptive Manufacturing Open Solutions and is specially tailored to the needs of machinery and plant engineering companies and their customers. The vision at the revolutionary core of this global digitization initiative is to collaborate as equal ADAMOS partners to shape the digital future of mechanical engineering.

Overview of ADAMOS

ADAMOS

ADAMOS was founded as a strategic alliance for the future topics of Industry 4.0 and the Industrial Internet of Things (IIoT). ADAMOS stands for ADaptive Manufacturing Open Solutions. ADAMOS is the first alliance of global market leaders in machinery and plant engineering. The ADAMOS alliance aims at combining the know-how from mechanical engineering, production and information technology to produce a high level of added value and establishing standards for digital production.

ADAMOS is specially tailored to the needs of machinery and plant engineering companies and their customers. ADAMOS offers machine builders an open, manufacturer-neutral IIoT environment based on leading technologies. Every ADAMOS partner smooths its customers' path to digitization and offers them opportunities to use tried and tested solutions for digitally networked production at moderate expense.

Overview of ADAMOS shareholders

KARL MAYER

KARL MAYER is a market leader as well as a driving force for innovation in textile machine building. The manufacturer offers solutions for warp knitting, technical textiles and warp preparation for weaving. To further the success of its international customers KARL MAYER provides them with the economically and technically best products and services as well as offering innovations that bring fresh impetus to the textile world. The company has a workforce of over 2,300. With its international organization and a strategy of manufacturing in its main markets, KARL MAYER is always close to its customers and their needs. Today, the company has subsidiaries in the USA, in India, Italy, Hong Kong, Japan, China and Switzerland as well as agencies all over the world. The German family-run company was founded in 1937, and financial independence and economic sustainability have been among its core principles ever since. As a long-standing and reliable partner with decades of experience and high quality standards in all areas, KARL MAYER supports the competitiveness of its customers and business partners.

DMG MORI AKTIENGESELLSCHAFT

DMG MORI AKTIENGESELLSCHAFT is a leading producer worldwide of cutting machine tools with sales revenues of more than € 2.3 billion and over 7.000 employees. Together with DMG MORI COMPANY LIMITED we reach as "Global One Company" sales revenues amounting to more than € 3 billion. The range of products includes turning and milling machines, as well as Advanced Technologies, such as ULTRASONIC, LASERTEC and ADDITIVE MANUFACTURING, as well as automation and complete technology solutions. Technology excellence is bundled in the leading industries "Aerospace" "Automotive", "Die & Mold" as well as "Medical". "Industrial Services" offers a wide range of customer-oriented services such as training, repair, maintenance and spare part services covering the entire machine life cycle. With the app-based CELOS System as well as the DMG MORI technology cycles and Powertools we shape Industrie 4.0. 10.000 DMG MORI machines are already equipped with CELOS. With the open digital platform ADAMOS, DMG MORI offers its customers and suppliers an end-to-end digitization strategy. The „Global One Company“ is with over 12.000 employees at 157 sales and service locations – thereof 14 production sites – worldwide present. DMG MORI supplies customers from 42 different industries 79 countries.

Dürr AG

The Dürr Group is one of the world's leading mechanical and plant engineering firms with extensive automation expertise. Products, systems and services offered by the Group enable highly efficient manufacturing processes in different industries. Dürr supplies sectors like the automotive industry, the mechanical engineering, chemical and pharmaceutical industries, and the woodworking industry. The company has 86 business locations in 28 countries. The Group generated sales of € 3.57 billion in 2016. Dürr has around 14,500 employees and operates in the market with five divisions:

- Paint and Final Assembly Systems: paintshops and final assembly systems for the automotive industry
- Application Technology: robot technologies for the automated application of paint, sealants and adhesives
- Measuring and Process Systems: balancing equipment as well as assembly, testing and filling technology
- Clean Technology Systems: exhaust-air purification systems and energy efficiency technology
- Woodworking Machinery and Systems: machinery and equipment for the woodworking industry

Software AG

The digital transformation is changing enterprise IT landscapes from inflexible application silos to modern software platform-driven IT architectures which deliver the openness, speed and agility needed to enable the digital real-time enterprise. Software AG offers the first end-to-end Digital Business Platform, based on open standards, with integration, process management, in-memory data, adaptive application development, real-time analytics and enterprise architecture management as core building blocks. The modular platform allows users to develop the next generation of application systems to build their digital future, today. With over 45 years of customer-centric innovation, Software AG is ranked as a leader in many innovative and digital technology categories. Software AG has more than 4,500 employees, is active in 70 countries and had revenues of € 872 million in 2016.

Carl Zeiss AG

ZEISS is an internationally leading technology enterprise operating in the optics and optoelectronics industries. The ZEISS Group develops, produces and distributes measuring technology, microscopes, medical technology, eyeglass lenses, camera and cine lenses, binoculars and semiconductor manufacturing equipment. With its solutions, the company constantly advances the world of optics and helps shape technological progress.

ZEISS is divided up into the four segments Research & Quality Technology, Medical Technology, Vision Care/Consumer Products and Semiconductor Manufacturing Technology. The ZEISS Group is represented in over 40 countries and has more than 50 sales and service locations, upwards of 30 manufacturing sites and about 25 research and development facilities around the globe. In fiscal year 2015/16, the company generated revenue approximating € 4.9 billion with around 25,000 employees. Founded in 1846 in Jena, the company is headquartered in Oberkochen, Germany. Carl Zeiss AG is the strategic management holding company that manages the ZEISS Group. The company is wholly owned by the Carl Zeiss Stiftung (Carl Zeiss Foundation).

ASM Pacific Technology

ASM Pacific Technology is the only company worldwide offering high-quality equipment for all important steps of the electronic production process. Within the group, ASM Assembly Systems represents the SMT Solutions business segment.

ENGEL Austria GmbH

ENGEL is one of the global leaders in the manufacture of plastics processing machines. Today, the ENGEL Group offers a full range of technology modules for plastics processing as a single source supplier: injection moulding machines for thermoplastics and elastomers together with automation, with individual components also being competitive and successful in the market. With nine production plants in Europe, North America and Asia (China and Korea), and subsidiaries and representatives in more than 85 countries, ENGEL offers its customers the excellent global support they need to compete and succeed with new technologies and leading-edge production systems.

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