

MAHR METERING SYSTEMS ACQUIRES UNIPRE

With the acquisition of UNIPRE GmbH, Mahr Metering Systems GmbH is expanding its activities in the market of mixing and dispensing machines.

Mahr Metering Systems GmbH, an international company whose portfolio includes gear pumps and mixing and dispensing machines, has acquired UNIPRE GmbH, based in Werl (North Rhine-Westphalia/Germany).

Since 1974, UNIPRE has been established on the market as an innovative quality supplier of dispensing and mixing systems for processing liquid plastics, specialized in the construction of tailor-made machines and systems. "The sales intentions of Theo Hunold, the Managing Partner of UNIPRE GmbH, offered us the ideal opportunity to put the business unit of dispensing and mixing technology on a broader basis and to strengthen it", says the managing director of Mahr Metering Systems, Dr. Reiner Karl, explaining the investment. He also emphasizes: "The product range of both companies complement each other perfectly."



The company in Werl will be managed under the name Mahr Unipre GmbH. "With Mahr, we have found an investor who will continue UNIPRE's many years of expertise in the field of mixing technology and continue to drive technology development", says Hunold. The location in Werl is thus preserved and the merger creates new jobs.

In the future, Mahr Metering Systems in Göttingen will concentrate on the growing business with gear metering pumps. At the new location in Werl, the machine business of Mahr Metering Systems and UNIPRE will be merged and expanded.

Dr. Reiner Karl | Mahr Metering Systems | Managing Director | reiner.karl@mahr.de

THE JAPANESE THERMOPLASTIC COMPOSITES MANUFACTURER MARUHACHI GOES EUROPE



The Japan-based MaruHachi Group is a well-established, family-owned firm with over 80 years of experience and a strong history in automotive and medical textiles. MaruHachi has now been active in the composites business for more than 10 years, before entering the European market, starting in 2017.

With its products and offerings, MaruHachi aims to particularly serve applications in the field of sports and leisure, consumer goods, electronics and electricity, building and infrastructure as well as transportation like aviation, the automotive and train sector.

The specialty manufacturer of small-size tailor-made thermoplastic composite components in form of tapes and organo-sheets develops high-quality products using various polymer types, ranging from PP, PU, PE, TPU, PA6 and other specialty PAs, PPS, PEI, PES, LCP to high

temperature PEEK and the traditional fiber systems of glass, carbon and aramids.

Especially MaruHachi's products like tapes, sheets, near-net shaped preforms and prepregs represent an interesting category of material systems and semi-finished products with higher performance, tailored and optimized for any new applications. MaruHachi's focus and competences lie here in the offering of various integrated functionalities, extremely thin layers and complex shapes.

Joint developments together with its customers and make to order are MaruHachi's strength. MaruHachi figures as a one-stop shop for OEM's, Tier 1s and Tier 2s (compression and injection molders) with its offering of flexible style prototyping processes and its continuous and discontinuous manufacturing. System and

machinery are also developed in-house.

With its products, MaruHachi aims to contribute to significant weight reductions of the final product, thus improve energy efficiency while offering a cost-efficient and high-quality solution. In Europe, MaruHachi cooperates with Dr. Michael Effing who advises and supports the company strategically with its company AMAC GmbH.

During 2018, Dr. Toshihide Sugahara will preside over the Japanese Sampe and in this role, he will be happy to connect with those ones of the AZL partner network who are interested in a closer and direct contact with Japanese firms.

MaruHachi is attending the JEC WORLD 2018 as a Sponsor and will exhibit within the AZL area.

Dr. Toshihide Sugahara | MaruHachi Group | CEO | toshi@maruhachi.co.jp

ARRK WILL BECOME SUBSIDIARY OF MITSUI CHEMICALS

Mitsui Chemicals and ARRK have announced, that globally active ARRK Cooperation will become a consolidated subsidiary of the Mitsui Chemicals Group

Materials from the Mitsui Chemicals Group are widely used in such fields as electronics and information technology, automotive, housing and construction, packaging industries, healthcare and agriculture. The company's products include specialty chemicals, functional polymeric materials, polyurethane, basic chemicals, petrochemicals and films and sheets. Along with PP compound operations (PRIME POLYPRO™), the Group supplies a wide range of products such as TAFMER™, MILASTOMER™, Mitsui EPT™, ADMER™, ARLEN™ and APEL™, which are ideally suited to any functions concerning the diverse needs of customers. Regarding the composite business, the Mitsui Chemicals Group provides and continuously develops LFT compounds (MOSTRON™) already for many years. As announced in the previous AZL NewsLIGHT #10, recent composite developments are focusing on UD-Tapes based on carbon fiber and polypropylene matrix (CF/PP - UD-Tapes).

ARRK operates as a business group that provides development support for new products in the industrial goods sector. With activities ranging from producing design models for initial development to providing support for low-volume manufacturing of products and product molds, the company's primary business model is to support the product development of its customers. ARRK provides products and services across five corners of the globe: Japan, North America, China, the ASEAN region and Europe. The ARRK Group in Europe includes several subsidiaries like P-Z Engineering GmbH, Shapers, LCO Protomoule, SPG Pre-Series Tooling & Prototyping B.V. and the ARRK Europe Limited.



Fig.: Exemplary products made of CF/PP - UD-Tapes

The purchase of shares is intended to help both Mitsui Chemicals and ARRK in further expanding their business foundations. In addition, both companies will mutually put each other's technologies to use for achieving continued growth in the global market. ARRK will be able to apply the materials expertise of Mitsui Chemicals, utilizing its diverse lineup of products and materials technologies in carrying out design, prototyping and analytical activities. Meanwhile, Mitsui Chemicals aims to work with the strengths of ARRK to broaden the range of business domains for its own products and services, strengthen its ability to market and offer solutions to various industries, especially in the mobility domain.

Meet us for exchange and discussions at: JEC World 2018: Hall 6 | Booth H52



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REVIEW OF AZL COMPOSITE EVENT IN POLAND | OCTOBER 2017

» Today the local composite companies in Poland have a lot of interesting and even inspiring ideas to offer. It's definitely a different world than just 5 years ago - and hopefully a chance for our high performance materials, too.



Dr. Andrzej Wolak | Evonik | Senior Business Manager for Central & Eastern Europe and Nordic

In order to connect with Polish composite companies and to gather market information for AZL Business and Premium Partners, AZL organized a joint trip to Krakow in the context of the Polish composite show KOMPOZYT-EXPO. Besides introductions of the Special Economic

Zone in Krakow including numbers on the Polish industry landscape and a joint visit of the show and a networking dinner, the AZL Partners and Polish participants visited the company New Era Materials, producing composite sheets made of a thermoset resin powder.

