

K 2022: KraussMaffei positions itself as a sustainable innovation driver

- Additive Manufacturing presented as fourth technology
- Sustainability moves to the heart of the strategy
- Principal owner Sinochem supports the alignment of KraussMaffei

(Munich, October 19, 2022) Under the motto " MAKE PLASTIC GREEN. WITH HIGHEST QUALITY AND EFFICIENCY.", KraussMaffei is presenting numerous innovations at the K trade show. The 184-year-old mechanical engineering company is thus underpinning its claim as a leading supplier of sustainable solutions and innovation driver for the plastics industry.

For the first time, KraussMaffei is exhibiting large-scale 3D printing systems for industrial use at the K trade show. Additive Manufacturing will now complement the existing product portfolio (Injection Molding, Extrusion and Reaction Process Machinery) as a fourth pillar. In addition, visitors to the booth will be able to experience a complete Circular Economy cycle in which the quality of the recycled plastic is retained. KraussMaffei will also be presenting new mid-market solutions and innovative digital services which help to minimize downtimes and reduce CO2 emissions.

"Sustainability and innovation are two mega topics of our industry. They are therefore at the heart of our corporate and product strategy. We are making plastic green with maximum efficiency and quality," says the CEO of KraussMaffei, Dr. Michael Ruf. "We want to be a one-stop solution provider for our customers in all aspects of plastics processing, just as they have known KraussMaffei for many years. With our consulting, our products and our service, we want to make them fit for a successful, efficient, digital and,

KraussMaffei Technologies GmbH
Corporate Communications
Krauss-Maffei-Straße 2
80997 Munich/Germany

Phone: +49 (0) 89 8899 1080
www.kraussmaffei.com

above all, sustainable future. To do this, they need innovative and holistic solutions across the entire product life cycle. We will be showing that complete package at this important trade show."

Principal shareholder supports strategy

Fanrong Li, Chairman of KraussMaffei principal owner Sinochem, adds: "KraussMaffei, with a long historical and leading advantage in the field of plastic machinery, is a very important component of Sinochem's portfolio. We are firmly convinced that it can create greater value for the industry, leading to further growth in the medium to long term. The Asian market, and China in particular, offer many opportunities which we will tackle together as a group. We fully support KraussMaffei's strategy and vision of shaping the company into one of the leading international solution providers in the field of plastics processing machinery."

KraussMaffei focuses on Additive Manufacturing on a large scale

At the K trade show, the new KraussMaffei continues to take shape. With the Additive Manufacturing machines now being presented, large, complex plastic components as well as small parts with the highest demands on surface quality and with detailed resolution can be printed in high volumes. Customers benefit from low total unit costs ("cost per part").

The machines are supplied as complete solutions that guarantee absolute process stability and part quality. They do not require expensive test prints ("first time right"), which enables customers to achieve significant material and cost savings. "Additive Manufacturing ideally complements our existing portfolio. Thanks to our extensive expertise in materials and manufacturing processes, we are able to produce highly efficient 3D printers that offer our customers great added value from day one," says CEO Dr. Michael Ruf.

In addition, KraussMaffei is positioning itself at the trade fair as an important pioneer of the Circular Economy (CE) in the plastics industry. A complete CE cycle will be on display, in which a high-quality automotive part is produced from recyclate. With its modern recycling technology, KraussMaffei, which

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itself aims to achieve a corporate carbon footprint of zero by 2030 and thus operate its plants in a completely climate-neutral manner, is making an important contribution to avoiding plastic waste.

Efficient: precisionMolding and powerMolding injection molding machines

KraussMaffei will also be presenting the new mid-market solutions powerMolding and precisionMolding. The new injection molding machine series combine high power density with economical production - and this with fast availability. precisionMolding, as an all-electric injection molding machine, has very good energy efficiency. powerMolding offers the KraussMaffei BluePower servo drive as standard and thus, depending on the application, up to 40 percent better energy efficiency than comparable standard injection molding machines.

Innovation leader in digital solutions

By far the largest part of their CO2 footprint is caused by machines and plants during operation. Only with the right data can processes and consumptions be further optimized, and any problems solved. As a result, CO2 emissions and downtimes are reduced. KraussMaffei sees itself as a market and innovation leader in digital products and services and intends to further expand this position.

Strong partnerships

Moreover, KraussMaffei will be presenting itself together with numerous attractive partners at the trade show. Jointly with Motan, the company will be demonstrating energy management and material CO2 tracking at its booth. KraussMaffei is also involved in the presentation "The Machine" in the central VDMA dome at the Circular Economy exhibition. There, KraussMaffei shows itself together with other participants as a shaper of the recycling process.

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80997 Munich/Germany

Phone: +49 (0) 89 8899 1080
www.kraussmaffei.com

Press contact:

Uli Pecher

Head of Corporate Communications

Phone: +49 (0) 89 8899 1080

Email: Uli.Pecher@kraussmaffei.com

KraussMaffei – Pioneering Plastics

KraussMaffei is among the world's leading manufacturers of machinery and systems for the production and processing of plastics and rubber. Our brand stands for cutting-edge technologies – for more than 180 years. Our range of services covers all areas of injection molding machinery, extrusion technology and reaction process machinery. This gives KraussMaffei a unique selling point in the industry. With the high innovative power of our standardized and individual product, process, digital and service solutions, we can guarantee customers sustained additional value over the entire value-adding chain. Our range of products and services allow us to serve customers in many sectors including the automotive, packaging, medical and construction industries, as well as manufacturers of electrical and electronic products and household appliances. KraussMaffei employs around 4.700 people all over the world. With more than 30 subsidiaries and over 10 production plants, as well as about 570 commercial and service partners, we are represented internationally close to our customers. Since its foundation in 1838, the company's headquarters have been in Munich.

In April 2016, the Chinese state-owned company China National Chemical Corp. Ltd. ("ChemChina"), one of the leading chemical companies in China, became the majority shareholder of KraussMaffei Group. At the end of 2018, ChemChina listed the KraussMaffei Group as KraussMaffei Company Ltd. in Shanghai. The listing opened up access to the Chinese capital market and local investors.

Further information at: www.kraussmaffei.com

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