



Press release

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Date 21 June 2022

**Food Processing and
Packaging Machinery**

drinktec 2022:

Global demand for machinery high - focus on sustainability, water management and digitalization

The global demand for machinery and equipment for the production, filling and packaging of beverages and liquid food is back on track for growth despite difficult business conditions. In the forefront of drinktec, which will be held in Munich from 12 to 16 September 2022, the German Engineering Federation (VDMA) is optimistic about the prospects for the international supplier industry.

The VDMA represents the largest group of exhibitors at drinktec and is a supporting partner of the organizer Messe München in market-relevant matters.

Frankfurt, 21 June 2022 - After a decline in the global trade volume of food processing and packaging machinery in 2020 by about 7 percent to 41 billion Euro as a result of the Corona pandemic, the international foreign trade increased again significantly in 2021 and will rise by 9 percent to a value of 45 billion Euro, based on preliminary data.

According to VDMA estimates, around one third of global trade was supplied to the beverage and liquid food industry. Added to this are machines and components statistically assigned to other sectors, such as stretch blow molders for PET bottles, heat exchangers, pumps, logistics solutions, or automation components. The total investments of the beverage and liquid food industry are likely to be much higher, because the total demand also includes the machines procured in the respective local market.

Germany and Italy are the strongest suppliers

With an average export ratio of 84 percent and a share of the global trade volume of 21 percent in 2021, German companies in the food and packaging machinery sector lead the field, closely followed by Italy with a 20 percent share. China, the Netherlands, the USA, Switzerland, Japan, France, Spain and Denmark follow in a considerable distance with shares of international foreign

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trade between 6 and 2 percent. These and many other supplier countries will be presenting their innovations to experts from all over the world at drinktec 2022.

45 percent of the food processing and packaging machinery traded worldwide is supplied to European countries, 32 percent of which to the European Union. The second most important sales region is Asia with a share of 20 percent. This is followed by North America with 16 percent, Latin America with 7 percent, Africa with 6 percent, the Middle East with 4 percent and Australia/Oceania with 2 percent.

As in previous years, the list of the top 10 sales markets in 2020 was headed by the USA, followed by Germany, China, France, Russia, the UK, Canada, the Netherlands, Poland and Spain. Increasingly strong demand impulses also came from Indonesia, the Republic of Korea, India, Vietnam and Thailand, to name just a few. The list is significantly longer and includes over 100 countries.

Visitors from all continents are expected at drinktec, as the world's leading trade show is the most important international platform with the highest density of experts. It is both a stage and a pacemaker for innovations, trends and future topics.

drinktec is all about the top issues in the industry

The beverage and food industry - regardless of the country - continues to have good growth prospects, if only for demographic reasons. However, attractive industries are also characterized by very intense competition, high price pressure and increasing demands for sustainable production. This is where mechanical engineering comes in, developing safe, efficient and future-proof solutions.

Sustainability and sustainable production are becoming increasingly important in politics, in companies, in society and among consumers. The Paris Climate Agreement and the European Green Deal set ambitious targets for a climate-neutral production. Many companies in the beverage and liquid food industry - also outside Europe - are setting their own sustainability targets. Energy efficiency, reduction of consumables such as water, refrigeration, cleaning agents and compressed air, avoidance of product losses, energetic recycling of residual materials and optimized packaging are the most important topics on the agenda of food manufacturers in terms of sustainability.

Mechanical engineering sees itself as part of the solution for a sustainable production. After all, technology is the key when it comes to making optimum use of resources and designing production processes in a sustainable and efficient way. Energy-efficient drives, reduced water consumption during cleaning through optimal hygienic design, the recycling of process heat that can be used elsewhere in the plant - these measures help to produce efficiently and achieve sustainability goals.

In Europe and many non-European countries, plastic packaging is the subject of intense discussion in politics and society and has created pressure for action among consumer goods manufacturers in the direction of sustainability and packaging reduction. Machine manufacturers support their customers' sustainable packaging strategies: They offer machine solutions for the reduced use of

packaging material, for the use of packaging material with a higher recycled content, mono films or thin films. Research is also being carried out into the possibility of using bioplastics.

Water and water management are of particular importance in the beverage industry, because water resources are an important component in beverage production, in cleaning as well as in PET production. The reduction of water consumption, both as product water and as process water, is high on the agenda of beverage producers worldwide and is constantly being driven forward. Technology providers offer numerous starting points for the efficient use of water. Digital tools help to document water use in detail and reduce waste. Water recirculation systems enable process water to be recycled. To reduce water consumption in cleaning processes, automated and intelligent systems enable the detection of contamination levels. Cleaning processes adapt themselves in a self-adjusting manner. Innovative and holistic solutions for reducing the water footprint will again play an important role at drinktec 2022.

The focus of **digitalization and digital transformation** at drinktec is on stable processes, increased efficiency, product safety and transparency throughout the entire manufacturing and packaging process. The aim is to continuously improve the availability, performance and safety of machines and systems. Networked process chains, machine communication via interfaces, process data evaluation in real time serve to increase plant efficiency (OEE), optimize the use of resources and make plant utilization more flexible. In terms of service, digitization offers many opportunities. Condition monitoring and predictive maintenance have become important components of digital value-added services and continue to gain in importance. In the Corona pandemic, the ability of the mechanical engineering industry to offer customers remote support through to virtual commissioning of new plants turned out as a success factor.

Digitalization is a challenge and requires a holistic rethinking in respect to technology, communication, scientific approaches and the organization along the product lifecycle. Generally speaking, it is about data that deliver added value which has not been seen before. The most important thing here is customer value. Value generation also depends on the customer's willingness to cooperate and to allow data evaluation for improvement processes.

These and many other topics will play a major role in the dialogue between customers and machine manufacturers at drinktec, which will be held in Munich from 12 to 16 September 2022.

Do you have any questions? Beatrix Fraese, will be happy to answer them:
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The VDMA represents more than 3,400 German and European companies of the mechanical engineering industry. The industry stands for innovation, export orientation and medium-sized businesses. The companies employ around four million people in Europe, more than one million of them in Germany. Mechanical and plant engineering represents a European turnover volume of around 800 billion euros. With a net value added of around 270 billion euros, it contributes the highest share of the entire manufacturing sector to the European gross domestic product.