

FRUIT PROCESSING

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Closure Systems

Filtration

Flavours & Ingredients

Inspection Systems

Market Price Report

MAY

5/2021

INTERNATIONAL JOURNAL FOR THE FRUIT PROCESSING, JUICE AND SOFT DRINKS PRODUCING INDUSTRY

Consumers' summer wishes: fruity flavours and sustainability



Join the BUSINESS CONTACTS directory then potential customers can find you better

The BUSINESS CONTACTS directory serves as a supplier's register for all those looking for suppliers in specific areas within the fruit beverage industry.

The company directory includes two platforms:

1. BUSINESS CONTACTS print directory
2. BUSINESS CONTACTS online directory – with search function

You can choose between a presence in both platforms (the advantage package for comprehensive presence in every FRUIT PROCESSING issue and on the web at www.fruit-processing.com) or just in one.

It is also possible to get a free online entry with basic information.

Would you like to participate?

We will be happy to answer your questions at +49 (0) 2634 9235-16 or advertisement@fruit-processing.com.

Our network is your profit. Advertising pays.

FLAVOURS & INGREDIENTS

Sweet and sustainable: What fruity flavours are on-trend and in-season this summer? 150

Global consumers are increasingly seeking more sustainable beverages for their shopping trolleys, prioritising ‘clean label’ products that boast a transparent supply chain and more environmentally responsible credentials. 80 % of consumers said sustainability is an important factor when deciding what beverages to purchase, while more than half have indicated that they are more concerned about sustainability compared to a year ago. For manufacturers, tapping into this expectation for ...



Q&A Immune Health 154

The pandemic has brought the topic of immune defence into sharp focus. Many consumers are increasingly turning to functional foods and dietary supplements that help support the body’s own defences. We interviewed ingredient manufacturers to discover what challenges and innovation potential they foresee in the “Immune Health” segment ...

CLOSURE SYSTEMS

Four winners – digital solutions for the beverage industry 158



SIG announced that tethered caps will be launched for its beverage cartons in Europe in the second half of 2021, well ahead of the July 2024 deadline set by EU regulations. The redesigned caps do not compromise on convenience and will be compatible with existing filling machines and closure applicators so customers can ...

IMPRINT

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FILTRATION

High-level compressed air purification at EKTAM 160

Founded in 1977, EKTAM MAKINE SANAYI VE TIC. A.S. has developed into a leading manufacturer of turnkey filling plants in the Mediterranean. In the main plant of the company based in Izmir on the Aegean coast, equipments for the filling technology of carbonated and non-carbonated beverages, fruit juices and mineral waters are being developed and built. Customer-specific solutions that can flexibly adapt to the rapid change in market conditions and offer maximum productivity are characteristic of this system technology. This is also a challenge for the manufacturers of plant components. Donaldson, a leading manufacturer of ...

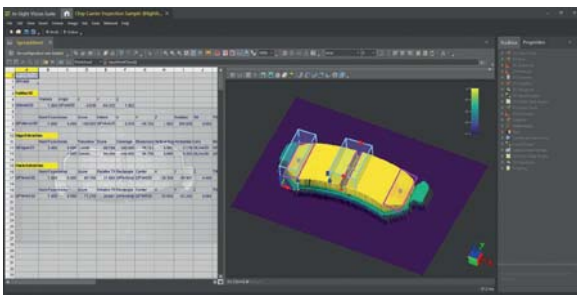


INSPECTION SYSTEMS

Cap closed! Camera-based cap control with artificial intelligence 164

Strong price pressure combined with high quality requirements – the beverage and bottle industry faces the classic dilemma of many industries. This is also the case in the quality control department of a French manufacturer of plastic caps. Reliably detecting cracks and micro-cracks on plastic caps in 40 different colours and shades running at high speed on a production line is a real challenge. APREX Solutions from Nancy, France has successfully achieved this goal with the help of image processing technology and artificial intelligence ...

Innovative 3D vision system opens up new possibilities for automated inspection 166



An exciting new 3D vision system now makes inspecting parts in 3D as easy as using a 2D smart camera. While optical inspection in 3D previously required a great deal of programming but offered few benefits, Cognex's new technology brings better image quality, simplified application development, and a wide range of true 3D inspection tools – significantly expanding the range of applications in industrial automation. When it comes to inspecting parts, users can choose from several established technologies. If the decision

is made in favor of machine vision, the question arises: Do you need an inspection in 2D or 3D and how much effort is required to ...

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