



FRUIT PROCESSING

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Agrotextiles

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Water Disinfection

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**Cider is a factor for growth –
for turnover and machinery.
An example from South Africa.**

ENERGY MANAGEMENT

Solutions for an energy-hungry industry

Increasing energy efficiency in the food and beverage industry. 222



The production of food and beverages is of central importance to society and is therefore considered system-critical. However, the industry requires enormous amounts of energy. In order to reduce consumption across the board, companies have a number of effective measures and tools at their disposal. These range from energy evaluation to the optimisation of motors in production to variable speed drives. ABB offers proven solutions along the entire process chain that can take energy efficiency in the food and beverage industry to a new level ...

FILLING & PACKAGING

Growth spurt

KHS provides South African cider bottler Distell with the required capacities. 224

Companies whose growth rates run into two figures like to associate themselves with a technological partner who can reliably deliver the required capacities. This applies in particular to South African cider record-holder Distell who enjoys a long-term cooperation with KHS. While some regions are only just discovering cider as a trend beverage, in other countries this fermented, alcoholic apple juice looks back on a long tradition ...



PACKAGING

High-resistance bottle base for still nitrogen-dosed products in 100 % rPET bottles 228



StarLITE®-R Nitro bottle base offers manufacturers of nitrogen-dosed still beverages and edible oils increased creative scope, greater sustainable manufacturing, and proven performance. StarLITE®-R Nitro has a distinctive 'wave' bottle base design for still beverages and edible oils in contrast with traditional petaloid shapes and is 100 percent compatible with recycled PET. It has also undergone testing within industrial conditions to guarantee top bottle resilience and qualitys ...

WATER DISINFECTION

New chlorine dioxide system for water disinfection 230

You don't always need dosing pumps. The new EASY-ZON L chlorine dioxide system from Lutz-Jesco deploys a reactor under vacuum conditions to mix chemicals. The technology reduces the complexity of the system whilst providing several advantages. By reducing maintenance requirements and the risk of outages and chemical leaks, it increases the safety of the entire process. Designed for use in a range of applications including small waterworks and the beverage industry, the new chlorine dioxide system could be seen for the first time at IFAT 2024 in Munich ...

AGROTEXTILES

Frost protection: 2 degrees more with Arrigoni screens 232

Arrigoni offers a diversified range of innovative products to mitigate low temperatures, able to prevent or reduce the incidence of frost damage. Recent tests in the UK and Italy’s Lazio region prove their efficacy. With the problems arising from climate change, late frost damage is an ever-increasing threat and events of this kind can jeopardise crops and the results of the whole farming year from the outset. The critical period for frost damage begins when plants and trees emerge from their winter dormancy and it is at that time that farmers must be ready to combat adverse weather conditions with active crop protection methods ...



EVENTS

FACHPACK 2024: trailblazer and driving force for the industry 234

FACHPACK is set to be the key gathering in Europe this year for the packaging industry and its users. When it takes place in Exhibition Centre Nuremberg from 24 to 26 September, the long-standing trade fair will once again provide a compact yet comprehensive insight into all relevant issues in the packaging industry, in keeping with its theme “Transition in Packaging”. In 11 exhibition halls, around 1,400 exhibitors will showcase innovative packaging solutions for industrial and consumer goods from a wide range of segments ...

INDUSTRIAL INK

Revealed: The secret world of industrial ink 236

Every year, thousands of different inks are used by different industries around the world – especially in CIJ (continuous inkjet) industrial printing, applying batch numbers and codes to products and packaging. But how much do you know about the inks we use every day? Since LEIBINGER produces both printers and the ink used in them, we are in a unique position to shed some light on this universal but often-overlooked substance ...



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