

FRUIT PROCESSING



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Filtration

Preview
BrauBeviale 2019

Industry 4.0

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Market Trends

Product Launches

SEPTEMBER
9/2019

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

What are the five biggest beverage trends?



MARKET TRENDS

From sustainable to functional: What are the five biggest beverage trends? 294

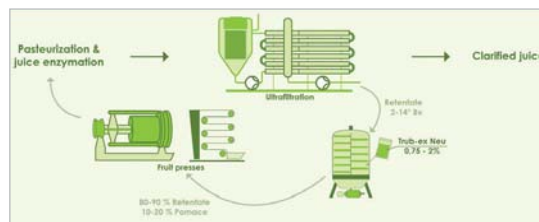


As consumer awareness around both the environment and general health and wellness gradually increases, the beverage industry is having to innovate and adapt to keep up with both the shopper’s preferences and the needs of the retailer. Consumers want drinks that are better for them and better for the environment, and – as 29 % of 16-24-year olds don’t consider themselves alcohol drinkers¹ – many also want sophisticated, flavoursome alternatives to alcoholic drinks. With all this in mind, beverage manufacturers are under increasing pressure to create new, exciting soft drink options ...

FILTRATION

New, innovative retentate treatment process 297

Use of the dynamic filtration principle, also known as cross-flow, has established itself in the production of fruit juice concentrates. This filtration system allows direct and effective clarification of raw, ideally pectin-free juices with a proportion of pulp, which appear absolutely clear to the human eye. Whilst clarified juice passes through the membranes, fresh cloudy juice is constantly fed into the cycle ...



IMPRINT

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Current price list 2019 on request and at
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Ownership structure of the shareholders in accordance with
Pressegesetz Rheinland-Pfalz:
Evi Brennich 51 %, Guido Hoffmann 26 %, Lothar Hoffmann 14 %,
Hubert Brennich 9 %;
Managing Partner: Evi Brennich; HRB 14556 Montabaur

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FRUIT is read in 105 countries by more than 15,500 readers per issue.

Publication frequency (print/digital): monthly
© Copyright 2019 confructa medien GmbH,
Westerwaldstrasse 2a, D-56587 Oberhonnefeld, Germany

Printed by:
mohr medien GmbH, Metastraße 3, D-56579

Note:
The views and opinions expressed by the authors do not necessarily reflect those of the publisher or the editorial staff.

ISSN 0939-4435,
Printed in Germany

FILTRATION

An immaculately clean solution – Multi-sheet filter not only removes ACB, it also minimizes drip loss 300

Plate and frame filtration systems are a proven means of removing *Alicyclobacillus acidoterrestris* bacteria and its spores that cause product spoilage in fruit juice production. Using the BECO COMPACT PLATE A600 filtration system, a large juice concentrate manufacturer was also able to tackle leaks: a significant problem with multi-sheet filters. Thanks to its high pressure tightening and automatic re-tightening, the filtration system not only reduces drip loss to a minimum, it also increases the efficiency and cost-effectiveness of the entire process ...



INDUSTRY 4.0

KHS is driving the digital revolution in the beverage industry 302



The entire sector is talking about digitization and Industry 4.0 – but what do these oft-cited terms actually mean for the beverage industry? One thing is clear: their potential is vast. Digital technologies simplify processes, intelligently network systems with one another and relieve operator workloads. At the same time the digital revolution presents beverage producers and engineering companies with many mighty challenges. As one of the leading systems suppliers KHS is well aware of the significance these complex change processes hold for the success of a business. The Dortmund machine and systems manufacturer is

thus driving a number of research and development projects which specifically focus on digital networking and line optimization ...

EVENTS

BrauBeviale puts the spotlight on the future viability of the beverage sector 305

From 12 to 14 November 2019, Nuremberg will once again be the hub for the international beverage industry, when the who’s who of the sector gathers for this year’s most important capital goods fair for beverage production and marketing. Last year’s highly successful event, which broke new records and underscored the industry’s good economic prospects, points to equally positive outcomes for this year’s annual gathering of the beverage community. The products and solutions on display by the around 1,100 exhibitors, 53 percent of which are from outside Germany, covers the entire process chain for beverage production, from raw materials, technology and components to packaging, accessories and marketing ideas. This year too, the main theme is the future viability of the beverage industry ...

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