

# FRUIT PROCESSING



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Filtration & Separation

Functional Drinks

Market Price Report

Packaging Design

Product Launches

Process Automation

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**Anat Levi launched a non-alcoholic premium refreshment drink by reusing „waste“ from the wine making process**

### FILTRATION & SEPARATION

The correct treatment for every filtration stage – a new service from Erbslöh Geisenheim . . . . . **222**

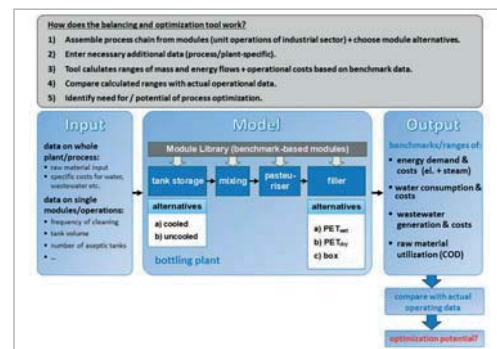


The use of crossflow filtration has become standard in the production of beverage precursors. Clarified fruit concentrate manufacturers have been using this technology for more than 20 years and even new equipment is usually equipped with this “simple” process from the outset. In practice it is frequently the case that poorly prepared precursors cannot be filtered efficiently. Fining and filtration are two individual stages in a single process stage for cloudy juices and wines. Pretreatment with enzymes is a prerequisite here for rapid agglomeration of sediments, in order to subsequently separate these off more effectively. It therefore stands to reason that Erbslöh’s Fruit Processing team is also focussing increasingly on filtration ...

### PRODUCT DEVELOPMENT

Application-oriented software tool for optimization of resource efficiency in juice production . . . . . **225**

The importance of using resources in a sustainable, efficient manner is increasing steadily considering dwindling (fossil) resources, rising energy prices and global warming. Resource efficiency in industrial production is becoming a crucial economic factor in all industrial sectors worldwide. A resource-efficient production can reduce costs and thus generate competitive advantages. As a result, companies are faced with (new) issues such as ...



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**PROCESS AUTOMATION**

**How apparently little things can have a big effect . . . . . 228**

In general terms, every entrepreneur wants to constant improvements for his company. Preferably, modernisation should not cost much and be very profitable. Beverages companies belong to the manufacturing sector where supply chain management is the core aspect of production. Even tiniest mistakes in the chain have major impacts and cause huge costs. The manufacturing of beverages requires compliance with safety and hygiene regulations. Many different kinds of machinery are involved in the process of manufacturing beverages such as fruit juice, for example. There is plenty of scope for disruptions ...

**PACKAGING DESIGN**

**Meeting millennial needs . . . . . 232**



SIG continues to fulfil its ongoing promise to turn the challenges of food and beverage manufacturers into viable commercial solutions. Pfanner, an internationally active premium manufacturer of juices and fruit juice drinks, is progressing its close cooperation with SIG as it chooses the innovative carton bottle combidome 500 ml for its new range of ‘Supersäfte’ healthy on-the-go drinks. Pfanner’s recently launched Supersäfte not-from-concentrate range comprises of three unique drinks ...

**FUNCTIONAL DRINKS**

**Climate, sustainability, and upcycling drive O.Vine launch . . . . . 234**

O.Vine, a spring water with functional ingredients from wine grapes skin infused water is the culmination of a concerted strategy of attaining full sustainability from vineyards to table, reflecting the vision and journey of CEO Anat Levi. This pure spring water infused with nutraceutical compounds derived from wine grape skins and seeds, creating a new concept of refreshment drink based on two oldest beverages: water and wine ...

**SUPPLYING MARKET**

**Kissabel® apples harvested in southern hemisphere . . . . . 236**

Southern Hemisphere IFORED partners: the new red-flesh varieties show great potential for the market. Commercial tests will start between 2019 and 2020 ...

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