



Smart and smooth

GEA vaculiq Vacuum Spiral Filter –
quality juicing under vacuum

Now from GEA – the acclaimed no-oxygen solution

Ensure smart and smooth juicing of beverages, smoothies, purées and foods – with patented Vacuum Spiral Filter technology that is now exclusively available in the GEA portfolio!

The state-of-the-art GEA vaculiq Vacuum Spiral Filter is a compact, mobile unit that delivers premium results in extracting juices from any fruit or vegetable source.

Unprecedented premium quality

The unique, patented vacuum separation principle ensures that the entire extraction process is sealed off from the air to prevent browning of the fruit and loss of quality. This smart solution protects the healthy ingredients of beverages or food products, allowing the taste to stand out.

Smart applications:

- Juice and purées from:
 - Pome fruits (e.g. apples, pears)
 - Berries
 - Grapes
 - De-stone fruits
 - Vegetables (e.g. spinach)
 - Tropical fruits
- Further food applications (e.g. mustard)



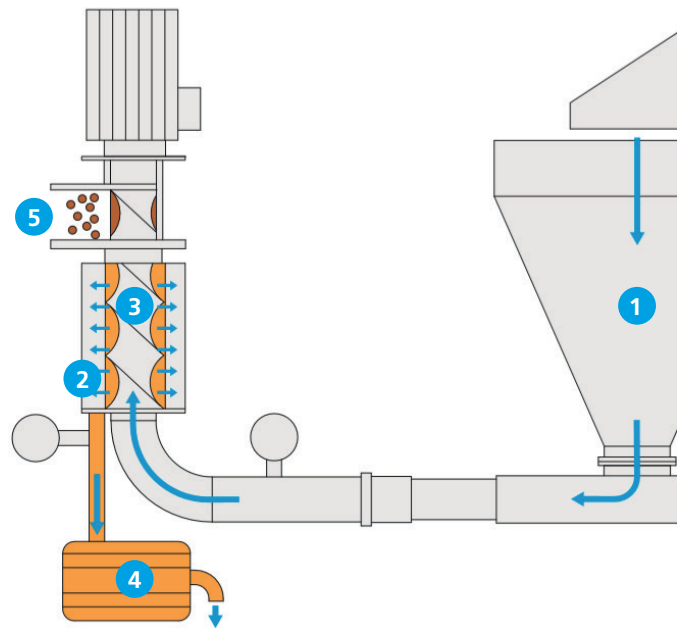
Smooth and efficient handling

Gentle processing preserves the valuable properties of the fruit or vegetable components throughout the extraction process. Conical, no-block sieve holes and unique spiral geometries based on many years of experience ensure efficient operation and best results for highly different applications.

Solid content and viscosity of the extracted juices and purées can be easily specified in the machine set-up.

GEA VACULIQ VACUUM SEPARATION PRINCIPLE

- 1 A positive displacement pump feeds whole or mashed fruit into a vacuum cylinder.
- 2 The fruit is juiced by means of vacuum suction in a perforated tube inside the cylinder.
- 3 The solids are transported by a rotating spiral in the perforated tube.
- 4 A peristaltic pump maintains the vacuum and feeds the juice to the next process stage.
- 5 The solids are released from the system under gravity through the ejection port.



Now from GEA – for quality driven producers

The acclaimed and proven vacuum juicing solution has been patented and is now available exclusively from GEA for discerning beverage and food producers worldwide.

Attractive leasing conditions

Let your new machine pay for itself and save on investment: GEA Financial Services can offer you attractive conditions to lease your GEA solution!

Available versions – ready to juice!

Three standardized plug & play skids for different capacities. All three models are ready for rapid setup:

- GEA vaculiq 100 – for 1,000 l/h juice
- GEA vaculiq 200 – for 2,000 l/h juice
- GEA vaculiq 300 – for 3,000 l/h juice



A complete GEA vaculiq 100 unit pre-mounted on a mobile, ready-to-juice skid with all connections, fittings and controls

We live our values.

Excellence • Passion • Integrity • Responsibility • GEA-versity

GEA is one of the largest technology suppliers for food processing and a wide range of other industries. The global group specializes in machinery, plants, as well as process technology and components. GEA provides sustainable solutions for sophisticated production processes in diverse end-user markets and offers a comprehensive service portfolio.

The company is listed on the German MDAX (G1A, WKN 660 200), the STOXX® Europe 600 Index and selected MSCI Global Sustainability Indexes.

GEA Germany

GEA Westfalia Separator Group GmbH
Werner-Habig-Straße 1
59302 Oelde, Germany

Tel +49 2522 77-0
Fax +49 2522 77-2089
gea.com/germany