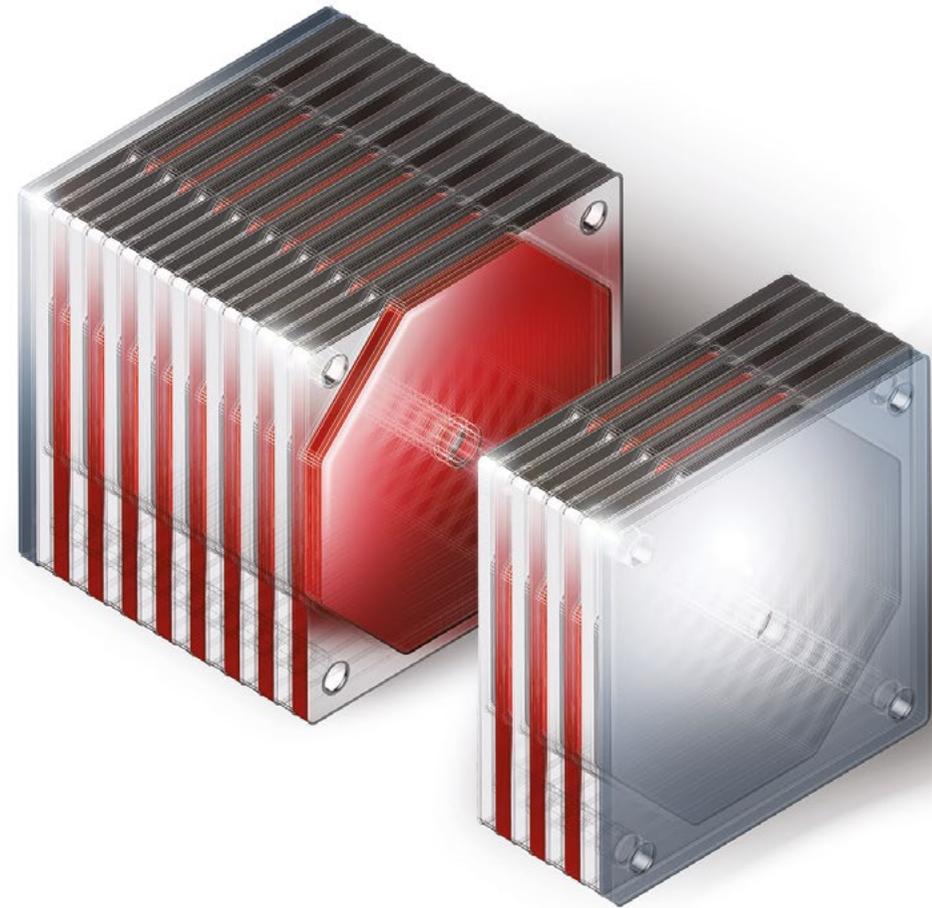


Butterfly Membrane Mash Filter

Fast and flexible



With the Butterfly membrane mash filter, Ziemann has developed a lauter technology ideally suited for all brewing companies. The mash filter with its separation set up allows the processing of small batches. Moreover, alternative cereals or starch sources, as well as wort types with high extract content, can easily be run off.

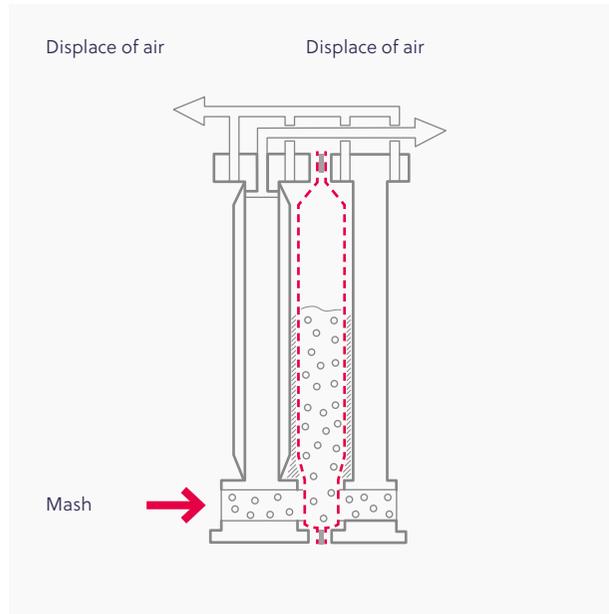
Therefore, Butterfly offers maximum flexibility for each recipe design. In addition, Butterfly achieves very good yield values at low sparging water volume.

Don't compromise your creativity.

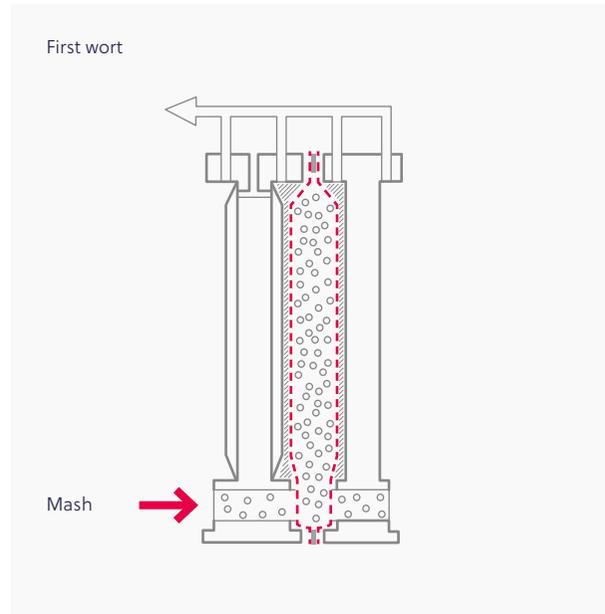
Use technology designed for innovative beer recipes with maximum flexibility of raw material selection.

Advantages of Ziemann mash filter technology:

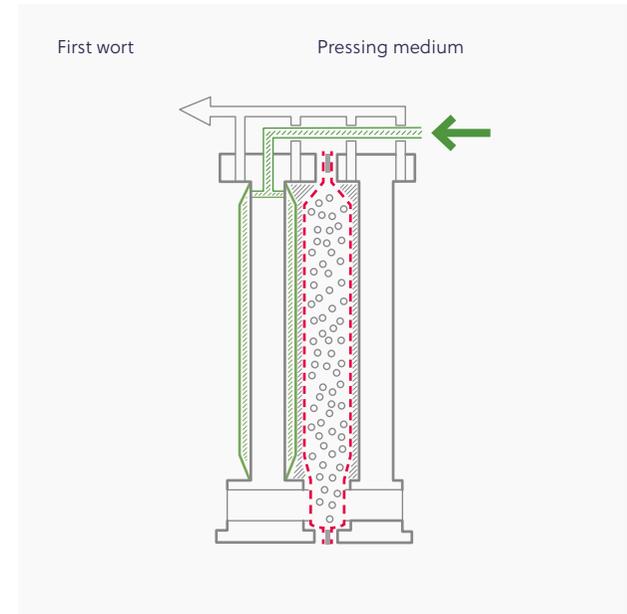
- High-gravity beers (up to 25° Plato) with maximum yields
- Maximize your number of brews to up to 14 brews per day
- Work with our bi-directional sparging technology for less fouling and minimum CIP cycles
- Use the separation set to be flexible for special brews
- Compatible with any grist mill as well as with a large variety of raw materials
- Novel and durable membrane filter plates
- Superior set up engineering: easy and smooth plate transport and cloth cleaning



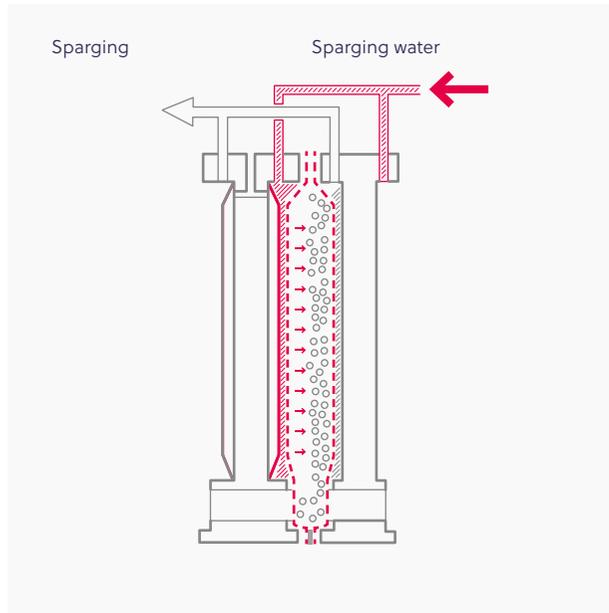
1 Filling



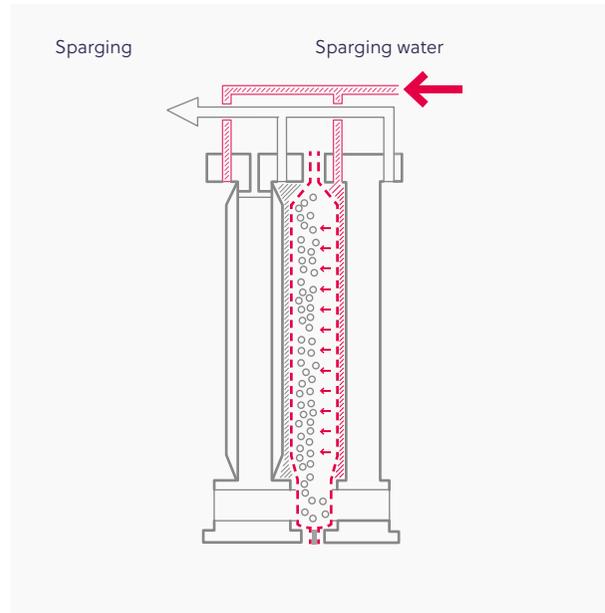
2 First wort running



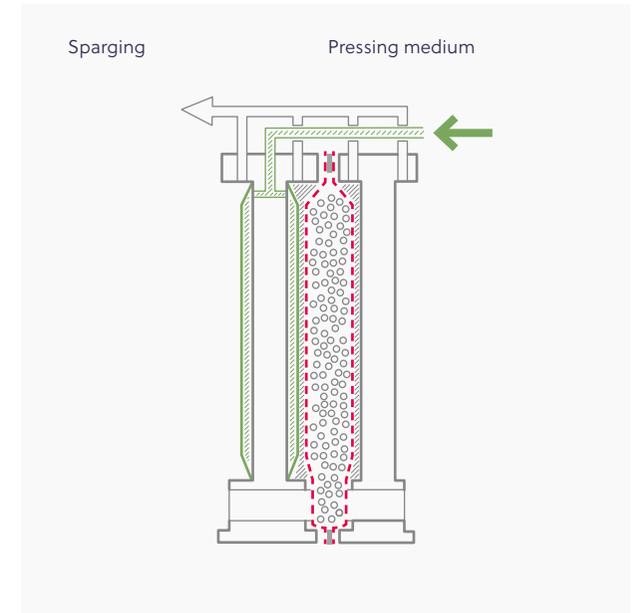
3 Prepressing



4 Sparging



5 Sparging



6 Final pressing

Butterfly

Butterfly is designed with a 'mixed' plate package where the chamber plates and the membrane plates are alternately arranged.

The membrane can be actively widened by means of a press medium. Thereby the spent grains cake is pressed from both sides resulting in maximum yields. In addition, the sparging water volume required per kilogram of malt is reduced.

Another significant feature of the Ziemann membrane mash filter is its variable sparging direction which reduces the frequency of cleaning. The sparging of the spent grains cake from both sides gives a self-cleaning effect to the mash filter which reduces cleaning cycles and increases productivity.

The Butterfly membrane mash filter is available for brewhouses with a cast-out wort volume starting at 150 hl. Butterfly can be integrated into an existing brewhouse as a stand-alone solution. For its commissioning, only a signal exchange is established in the control system of the existing brewhouse. Therefore, Butterfly can easily be installed as the sole or additional lautering device. Using primarily a manual system 6 to 8 brews per day can be achieved. However, in combination with an automatic plate transport and an automatic cloth cleaning system up to 14 brews per day can be produced. Ziemann Holvrieka can install any level of automation from the start or retrofit to an existing mash filter.

In addition, Butterfly can be integrated into an existing brewhouse as a stand-alone solution or additional lautering device. For its commissioning, only a signal exchange must be established in the control system of the existing brewhouse.

Moreover, the Butterfly is fully compatible with any grist mill type, be it a hammer mill or a finely adjusted roller mill grist. For specialty brews as well as for industrial beer production Butterfly is the optimal solution.





Thank you for your time.

For all enquiries, please contact one of our sales team at a Ziemann Holvrieka office near you.

Scan the QR code or visit www.ziemann-holvrieka.com

