

Liquids to Value



Beer Recovery in Line With Purity and Cost Efficiency

Westfalia Separator® **absolute separation** –
maximum added value for every size of operation





GEA Westfalia Separator



GEA Westfalia Separator

Beer recovery from surplus yeast and tank bottoms
in line with purity and cost efficiency:

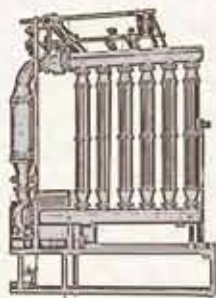
Excellent, Unique, for Every Size of Operation

The beer market is changing with increasing rapidity. What remains, and what will continue to increase, are the demands of beer brewers with regard to maximum cost efficiency of the beer production processes – in all process stages. And in particular for beer recovery from surplus yeast and tank bottoms. This is because this process stage offers considerable earnings potential.

GEA Westfalia Separator –
the only provider of separator, decanter
and membrane processes

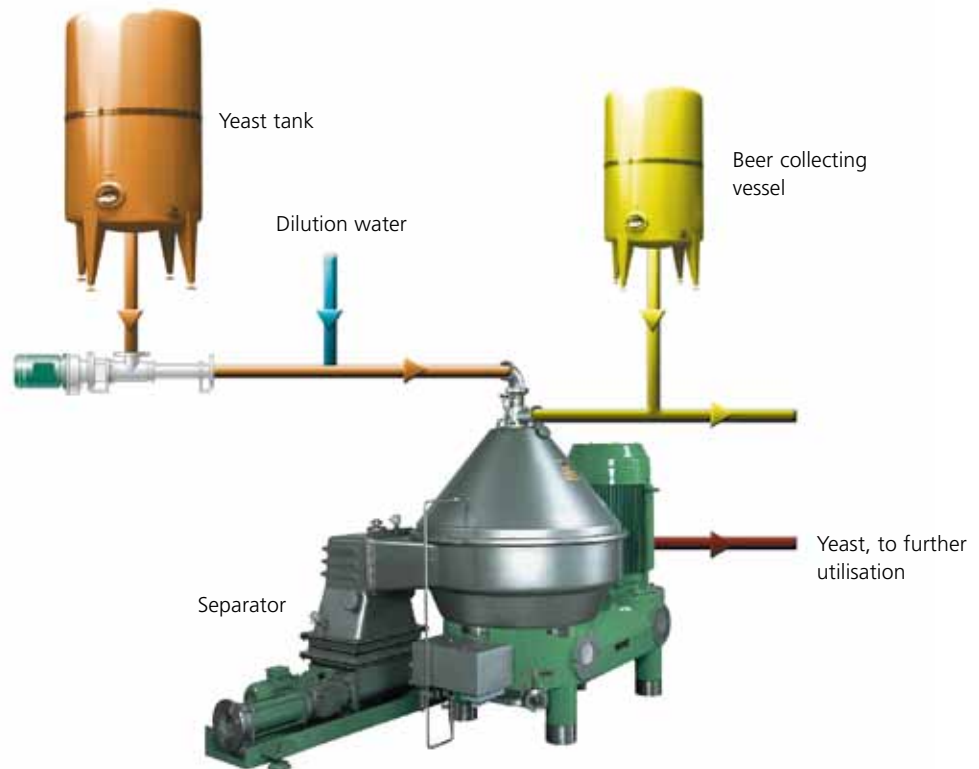
GEA Westfalia Separator meets these requirements
with excellent and unique solutions.

- The only provider of the key technologies used in beer recovery: high-performance separators, high-performance decanters, membrane filtration
- Modular solutions – customised process combinations
- Maximum cost efficiency for every size of operation



Compliance with Requirements Maximum Efficiency for Every

Use of separators:
Maximum flexibility and efficiency for small and mid-size operations



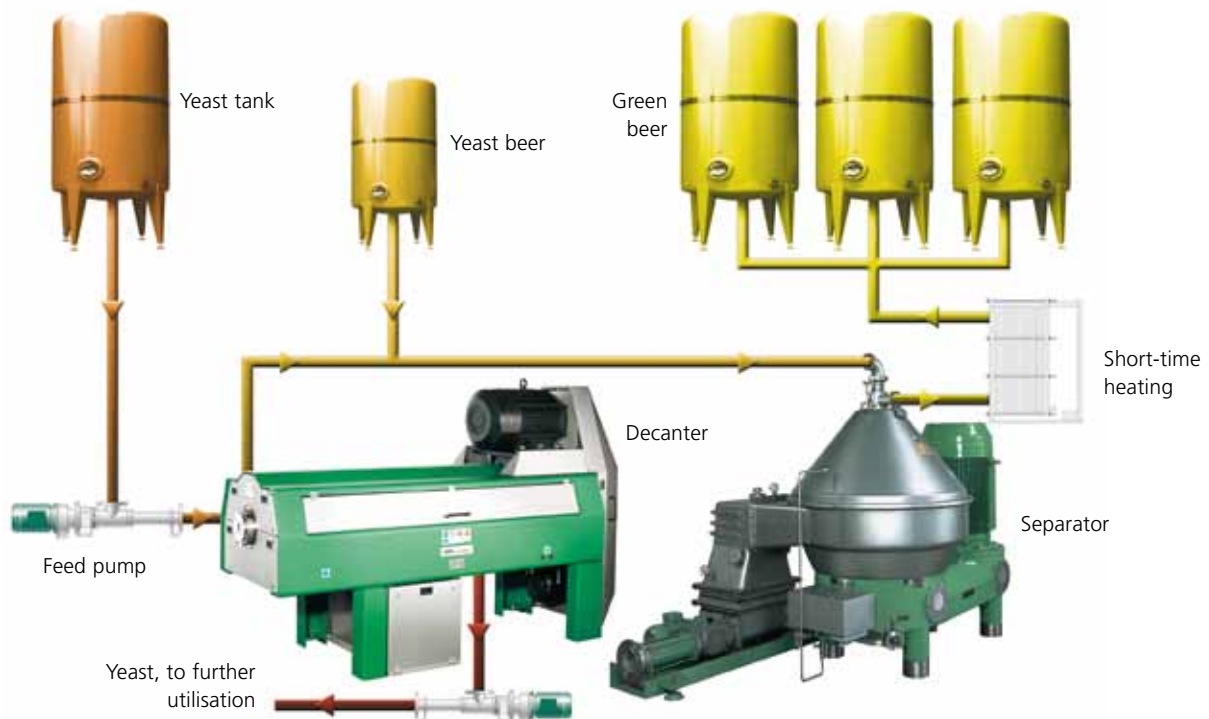
Flexible and highly efficient: use of separators

- Suitable for operations starting from approx. 0.5 million hectolitres beer output
- Very simple process management
- Minimum investment costs

The process specialists of GEA Westfalia Separator jointly identify the most cost-effective process together with you. The process of developing the solution is determined by your specifications such as size of operation, product parameters and product quality.

ts for Maximum Cost-Efficiency: Size of Operation

Use of decanters and separators:
For maximum performance in large breweries

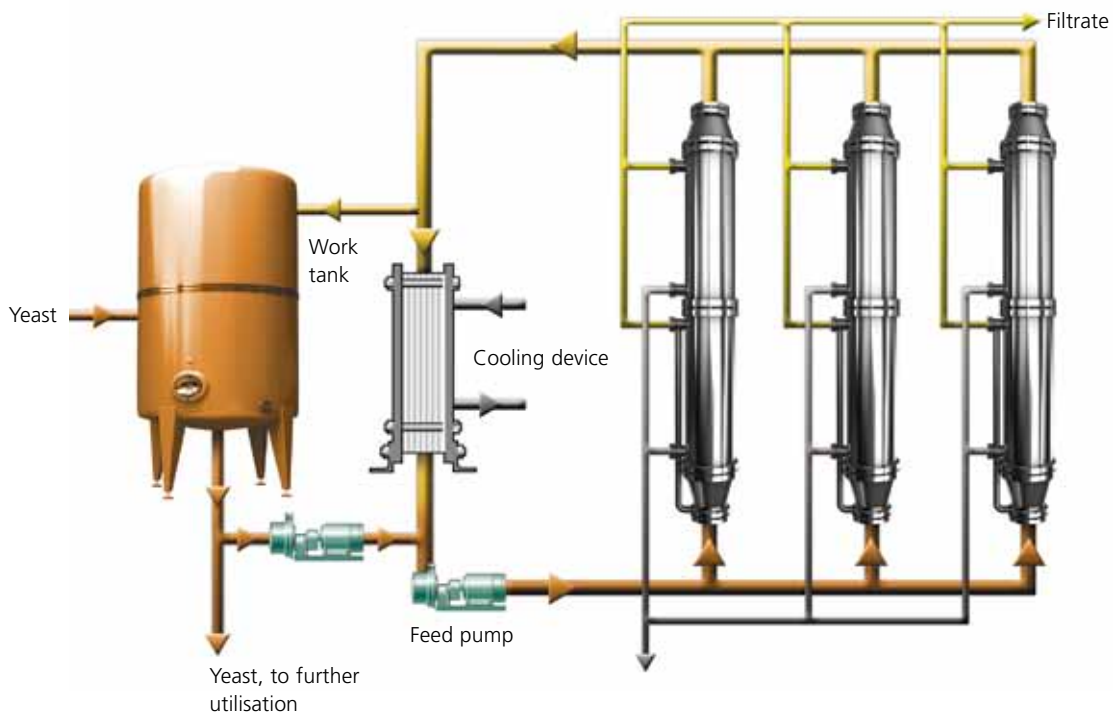


2-stage process management for large breweries: use of decanters and separators

- Suitable for operations starting from approx. 2.0 million hectolitres beer output
- Fully continuous operation
- Hygienic design
- Fully automatic adjustment to fluctuating feed concentrations
- Completely hydrohermetic decanter-patented design

GEA Westfalia Separator is the only provider of the key technologies for beer recovery: high-performance separators, high-performance decanters, membrane filtration. Results: solutions according to objective criteria.

Use of membrane filtration:
For clear beer in premium quality



Clear beer in premium quality: use of membrane filtration

- Decades of experience with membrane technology in beer recovery
- Added upstream of beer filtration possible
- Production of yeast-free, brilliant products
- Modular design – can be adapted to every size of company

Processes and costs under control:

Investments in Line with the Requirement for Extremely Short Payback Times

There is no doubt – the process stage of recovering beer from surplus yeast and tank bottoms offers considerable earnings potential. Tap this potential with the technology leader GEA Westfalia Separator.

the figures! With unique complete solutions using high-performance separators, high-performance decanters and membrane filtration. With lower product losses. With reduced costs for materials and resources. With higher income.

Place your trust in competence, experience and unique innovative ability. This is because nobody provides more precise and efficient process management in beer recovery for all sizes of company than GEA Westfalia Separator – just calculate

Protect your investment in accordance with extremely short payback times. Together with your partner GEA Westfalia Separator.



- Beverage Technology
- Dairy Technology
- Renewable Resources
- Chemical/Pharmaceutical Technology
- Marine
- Energy
- Oil, Gas & Industrial Fluids
- Fluids & Water
- Engineering
- Second Hand Machinery
- Cross-Flow Filtration
with Ceramic Elements
- Original Manufacturer Service

The information contained in this brochure merely serves as a non-binding description of our products and is without guarantee.

Binding information, in particular relating to capacity data and suitability for specific applications, can only be provided within the framework of concrete inquiries.

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