

Liquids to Value



directdrive
+
hydrostop
=
=



Quite Simply Better:
The New Separator Generation
Westfalia Separator® **directdrive**[∞] + **hydrostop**

This innovation is twice the value



Two technical milestones in one machine

The Logical Consequence: Maximum Availability and Maximum Yield

The combination of Westfalia Separator® **directdrive**[∞] and Westfalia Separator® **hydrostop** in one separator has introduced a new dimension of efficiency into beverage technology.

In the new separator generation, GEA Westfalia Separator Group has combined two excellent innovations of the company. For beverage manufacturers, the combination of the integrated direct drive Westfalia Separator® **directdrive**[∞] and the patented discharge system Westfalia Separator® **hydrostop** produces twice the value: maximum availability combined with simultaneously maximum product yield.

The drive of the future

The integrated direct drive Westfalia Separator® **directdrive**[∞] is characterized by particularly quiet operation and provides advantages in terms of saving space. It results in a higher degree of efficiency and also improved energy efficiency. The reduction in the number of components and the fact that the drive does not use sensitive elements such as bearings and belts mean that the separators are more service-friendly and less demanding in terms of maintenance than ever before. This is reflected in constantly high availability. All common frequency converters can be used due to the application of asynchronous motors; this means that the solution is extremely compatible with existing installations.

Maximum dry matter

The perfect complement is the patented discharge system Westfalia Separator® **hydrostop**. Solids are discharged quickly, precisely and dry. A crucial benefit is the very high dry matter of the discharged solids. The drier the solids, the lower are the product losses and the yield is accordingly higher.



Optimized flow mechanics

Switch over to Low-Energy Mode now!

The newly developed feed and discharge system results in gentle product treatment, and reduces the energy requirement by around 10 percent. The new generation of separators is rounded off by the sustainable service package Westfalia Separator® **directcare**.

Further scope for improvement has been opened up as a result of optimizing the entire flow mechanics in the separator bowl. Newly developed centripetal pumps ensure that the product is discharged gently and foam-free. The kinetic rotational energy of the product in the bowl is translated more efficiently into potential pressure energy which is utilized downstream.

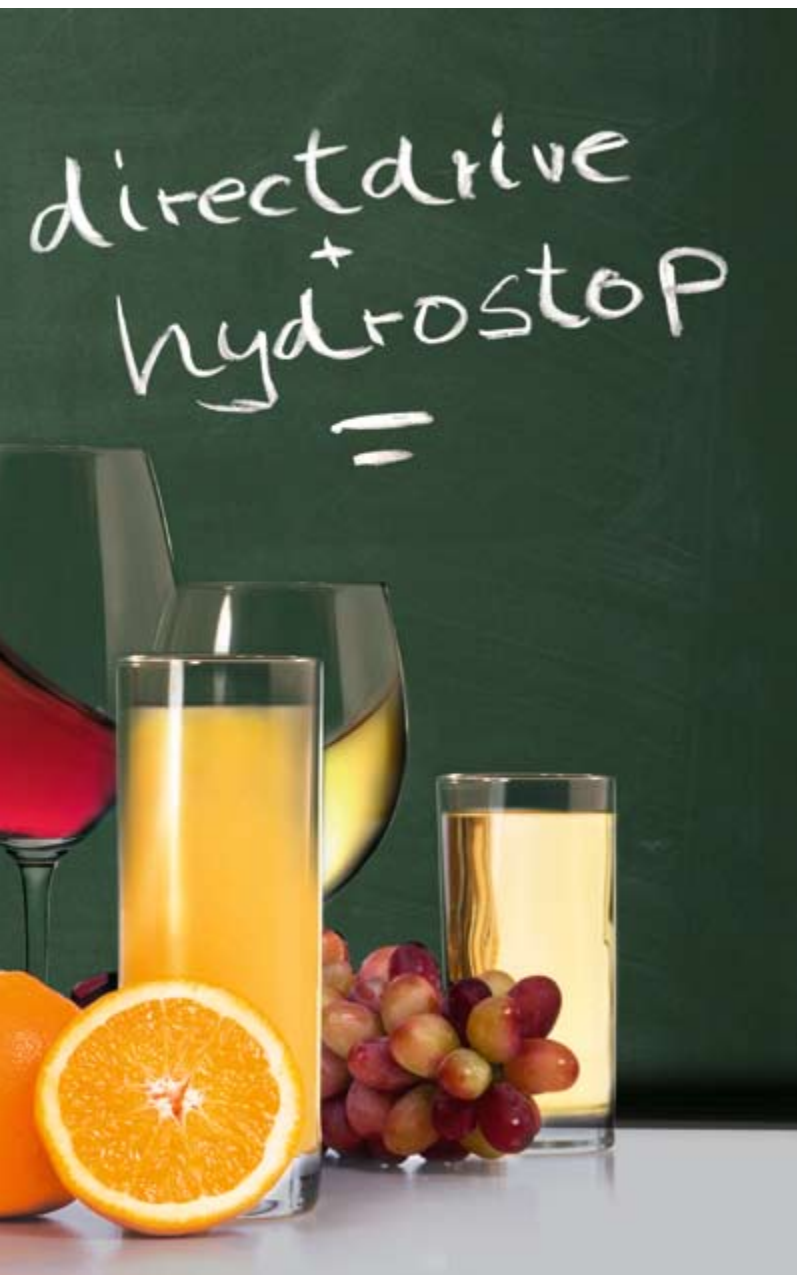
This low-energy mode reduces the energy requirement by an average of 10 percent.

Worldwide in your vicinity

With Westfalia Separator® **directcare**, we are extending the mechanical separation technology to include sustainable services which are available to you everywhere quickly and on time. As the technology leader and OEM, we are at home throughout the world with more than 50 service and sales companies as well as our authorized workshops.

The range of services comprises practice-oriented training for your operating personnel, a responsible and careful repair service as well as our range of rental and replacement components which permanently assure the availability of your investment. Westfalia Separator® **wewatch**® can also be used for proactive online monitoring of the separators. Our competent service personnel would be pleased to advise you. Wherever you need us, we are by your side with customized solutions.

- ✔ Improved efficiency
- ✔ 10 percent lower energy requirement
- ✔ Fewer product losses
- ✔ Fewer components
- ✔ Reduced maintenance
- ✔ Extensive service network
- ✔ Gentle product treatment



- Beverage Technology
- Dairy Technology
- Renewable Resources
- Chemical/Pharmaceutical Technology
- Marine
- Energy
- Oil & Gas
- Environmental Technology
- Engineering
- Second Hand Machinery
- 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.

Westfalia®, Westfalia Separator® and **wewatch**® are registered trademarks of GEA Mechanical Equipment GmbH.

Printed on chlorine-free bleached paper
www.papp.cc

B_BE-11-03-0013 EN
Printed in Germany
Subject to modification



GEA Mechanical Equipment

GEA Westfalia Separator Group GmbH

Werner-Habig-Straße 1 · 59302 Oelde (Germany)

Phone +49 2522 77-0 · Fax +49 2522 77-2089

www.westfalia-separator.com