



Take the Best - Separate the Rest

Separation. That Connects.

**Absolute Separation –
Focussed on Your
Benefit**

| absolute

focussed on

separation |

your benefit

Innovations for Your Benefit

Innovations are not an end in themselves. When Westfalia Separator develops a new separator generation, the focus is above all on the customer benefit. For only when the developments by Westfalia Separator generate the required benefit do your investments bring about the necessary success.

The benefit is not just limited to technical or functional features. Or complying with standards. **absolute separation** involves a great deal more.

Life Cycle Benefit – calculable benefit

What counts here is the intelligent look at the big picture. From investment planning through commissioning right up to problem-free running over a long period - Life Cycle Benefit over the entire service life of the plant.



Life Cycle Benefit from Westfalia Separator entails many individual parameters. Precise functioning under extreme operating conditions. Optimum flexibility in the production process through simple product integration. Highly economical operation and servicing. And of course best possible preservation of the environment and resources.



New separators are setting new standards

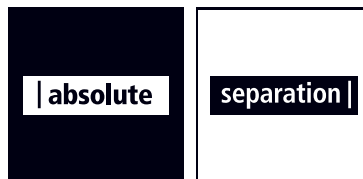
As a result of this philosophy, the new models **HyVOL** and **HyDRY** are breaking new ground in separation technology.

The **HyVOL** separator generation is setting new standards in terms of processing capacity and flexibility along with excellent separation efficiency.

The **HyDRY** model convinces when you are also looking for absolute solids concentration, i.e. high dry substance with high throughput capacities.

Developments which give you absolute peak separation performance in every situation. The most recent findings in centrifuge construction were combined with perfected details and innovative drive and control technology.

More capacity, efficiency and economy



absolute separation
focused on your benefit

*This logo stands for the results obtained from 109 years experience in separation technology. High-performance products as a reflection of the needs of our time. Innovative, successful and developed with you to meet your requirements. In line with our philosophy **absolute separation**.*

HyVOL

The standard
for absolute
performance

HyDRY

Additional benefit
through absolute
concentration

| **absolute**

performance



HyVOL – The standard for absolute performance

Whether in beverage technology, dairy technology or oil and fat processing – the newly developed HyVOL series is characterised by high capacity and flexibility. The modular construction enables individual adaptation to your production process. All options are open – from the stand-alone machine through to integration in turnkey processing lines.

The integration process cannot be simpler or more individual. In practical operation, the innovative technology of the new series proves just how effective it is. Absolute capacity combined with speed, efficiency and excellent separation efficiency.

The patented hydrohermetic feed system ensures gentle product treatment and excellent separation efficiency so that you always achieve optimum product quality.

The modern drive concept using belts and central innovations such as the wear-free liquid seal make HyVOL separators absolutely maintenance-friendly. That means optimised operating costs throughout the entire lifecycle of the machine.

HyVOL separators offer you the following benefits:

- **Absolute availability**
High throughputs, high efficiency, high economy, universal application
- **Absolute integration**
Flexible processing, high product quality, reliable discharge of solids with different viscosities
- **Absolute product care**
Gentle feed system, optimum separation efficiency particularly with fluctuating feed capacities
- **Absolute intelligence**
Simple operation, uniform solids discharge, high solids concentration, optimised yield
- **Absolute economy**
Low maintenance costs, low operating costs, low water consumption, low energy requirement
- **Absolute robustness**
Problem-free operation, no downtime



Beverage technology



Dairy Technology



HyVOL separators for any job:

- **Beverage technology**
Separators type HyVOL GSE
- **Dairy technology:**
skimming and clarification
Separators type HyVOL MSE
- **Dairy technology:**
bacteria removal
Separators type HyVOL CSE
- **Oil and fat processing**
Separators type HyVOL RSE



Strong in detail – Unbeatable overall



HyVOL separators incorporate a wide range of innovative elements which open up new perspectives for beverage technology, dairy technology and oil and fat processing. Besides the standard features, the models are also equipped with special application-dependent features which are consistently oriented to the specific requirements of the respective branch. In its totality, each model ensures optimum capacity and yield.



Dairy technology, bacteria removal



Edible oil processing

The features of the HyVOL separators for optimum productivity, high product quality and maximum availability:

■ Flat belt drive

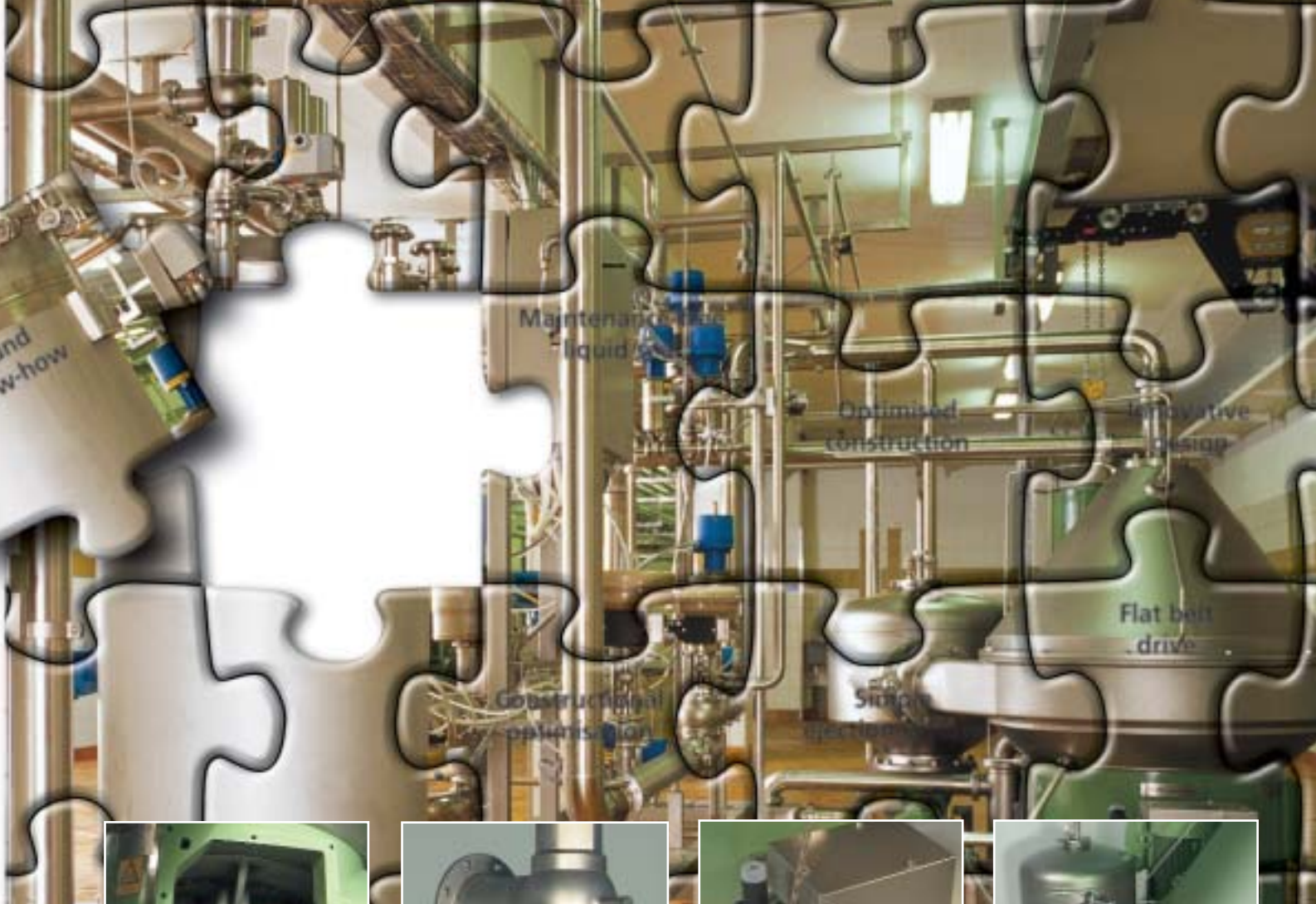
- No wear on gear parts
- Minimised oil and bearing load
- Significant noise reduction
- Longer service intervals
- Shorter service times
- lower service costs
- Substantially higher availability

■ Constructional optimisation

- No tensioning device required for the flat belt
- No re-adjustment
- User-friendly
- Optimised operating times
- Higher plant availability

■ Maintenance-free liquid seal

- No wear to mechanical seals
- No downtime to replace gaskets
- No service costs
- No additional water consumption
- Reliable production
- Optimised availability



Flat belt drive for safe and economical operation



Gentle feed system with maintenance-free liquid seal



Operating water module for process-specific ejections



Optimised solids discharge system for high solids concentration

■ **Simple ejection system**

- Ejection processes adapted to the process
- Total ejections also possible
- No additional operating times for CIP
- Optimum cleaning
- Increased availability

■ **Sound know-how and optimised design**

- Customised customer solutions
- Long operating times
- High degree of operating safety
- Upfront and operating costs appropriate for the specific application
- Fast Return on Investment

■ **Optimised process integration**

- High yield
- Absolute separation efficiency
- Gentle product efficiency
- No oxygen pickup
- Capacity reserves
- Optimised use of utilities such as water and energy
- All statutory regulations governing sound emission and pollution are met

■ **Innovative design**

- Components reduced to a minimum and simplified construction
- Very service-friendly
- New service and spare parts concept
- Customised service contracts and our global presence
- Optimised running times and highest availability

| absolute

concentration



Sometimes Less is More

HyDRY – Additional benefit through absolute concentration

The HyDRY separator generation optimised with additional benefits show what **absolute separation** means in beverage technology. When high dry substance contents are required, this series is your first choice. The additional benefit is based on the patented HydroStop system.

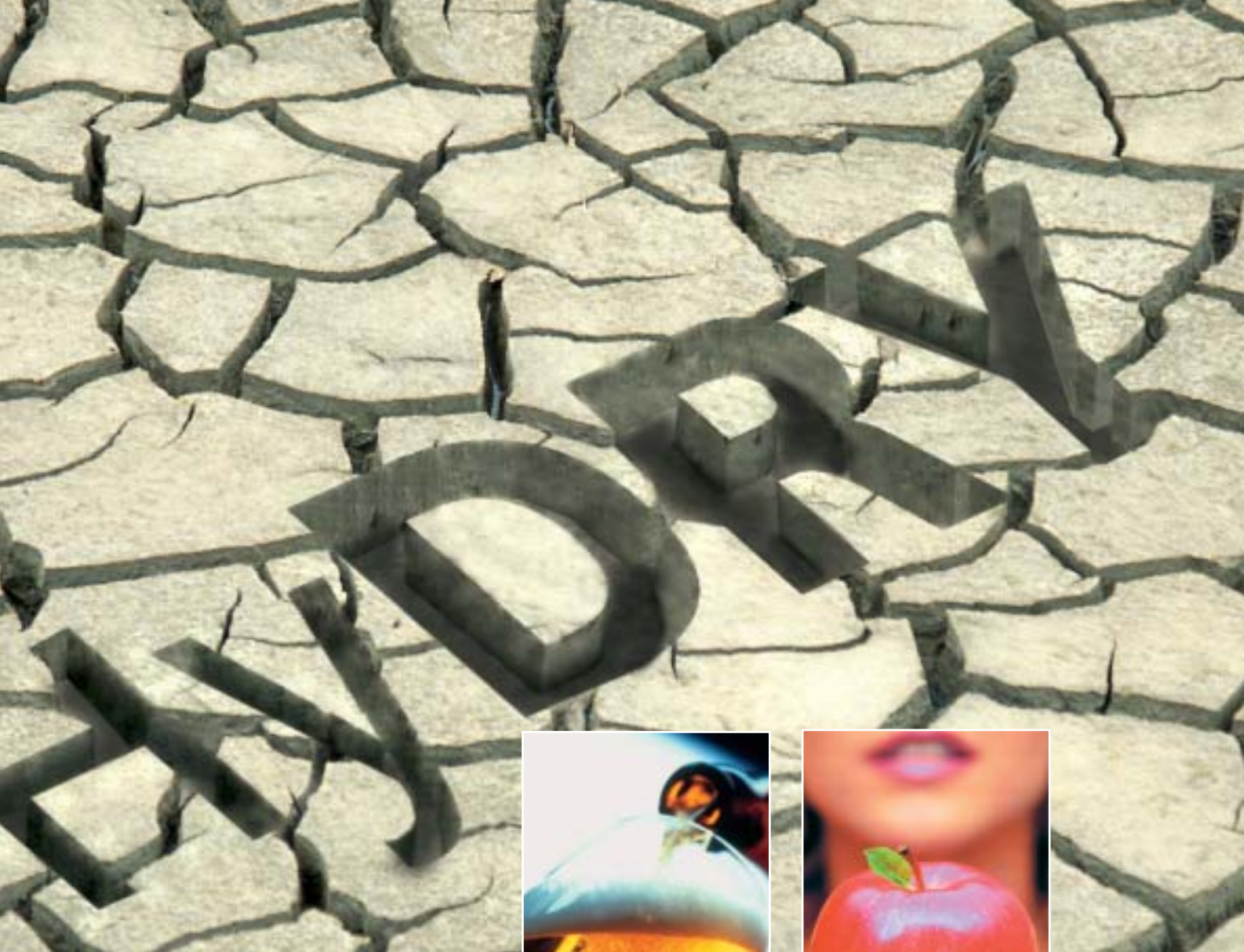
This extraordinary fast ejection system makes possible ejection of the solids pace in milliseconds.

The result: Tremendously high dry substance contents.

Less liquid – More yield



HyDRY-Separators in the beverage industry



HyDRY separators are equipped with all the features of the HyVOL generation and offer you the following additional benefit:

- **HydroStop®-system**
Extremely high dry substance content, higher yield, e.g. in the recovery of yeast from tank bottoms
- **Multifunctional usability**



| **absolute**

partnership



Always at Your Side

Absolute partnership

WESERVE – The

“all-round carefree package”

The measurable advantage of **absolute separation** extends to the optimised after-sales service.

Exclusively for our customers we have drawn up the **WESERVE** concept.

A service package with extensive offers. From preventive maintenance via tele-service with **WEWATCH** and **WESCAN** as well as service contracts that let you sleep in peace plus the spare parts guarantee that you always get genuine spare parts from Westfalia Separator.



The **WESERVE** logo also distinguishes the service fleet.

absolute e-commerce

Moreover, besides access to the 24-hour phone service, in future you will have lightning access via the Internet. That means absolute customer proximity. The **absolute e-commerce** concept makes it possible for you to communicate paper-free with our specialists at any time. Comfortably, reliably and from any location in the world.

From the product order to the spare parts order – everything is easier and faster. **absolute e-commerce** enables you to directly access our global logistics system with over 50 subsidiaries and service companies as well as sales companies in over 60 countries world-wide.

Whether in Europe, America, Asia, Africa or Australia – you can be sure that you will get the best possible service.

**We want you
to be satisfied**



You will find subsidiaries and service companies in the following countries:

Europe



Austria
Bulgaria
Belgium
The Czech Republic
Denmark
Finland
France
Germany
Great Britain
Greece
Hungary
Ireland
Italy
Lithuania
The Netherlands
Norway
Poland
Portugal

Romania
Russia (CIS)
Slovakia
Slovenia
Spain
Sweden
Switzerland
Turkey

North America



USA
Canada

South America



Argentina
Brazil
Chile
Mexico

Africa



South Africa

Asia



China
India
Indonesia
Japan
Korea
Malaysia
The Philippines
Singapore
Thailand
United Arab Emirates

Australia



Australia
New Zealand

The right information pays off

Discover the whole world of **absolute separation**.

Westfalia Separator welcomes communication any time to optimise value-added partnership. We are actively seeking dialogue with our business partners.

You will receive customised information which illuminate all aspects of **absolute separation** specifically targeted for your branch. Get to know in detail what possibilities **absolute separation** has to offer you and see your concrete benefits.

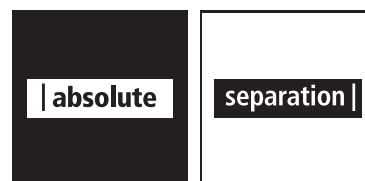
Take the first step today by filling out the fax form. It's **absolutely** worth your while.

We look forward to a dialogue with you.



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focussed on your benefit

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Product Management and Marketing

Company

Contact

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ZIP/City

Phone Fax

E-Mail

Please call me to arrange a meeting
about **absolute separation**

Please send me info material

Beverage technology
Separators type Hy**VOL** GSE

Dairy technology: Skimming and clarification
Separators type Hy**VOL** MSE

Dairy technology: Bacteria removal
Separators type Hy**VOL** CSE

Oil and fat processing
Separators type Hy**VOL** RSE

Separators type Hy**DRY**

Simply copy, fill in and fax.

Beverage
Technology



Environmental
Technology

Dairy
Technology



Marine

Oil and Fat
Processing



Energy

Chemicals
Pharmaceuticals
Biotechnology



Oilfield

Oil and Fat
Recovery



Industry

Starch
Technology



Engineering

Industrial
Biotechnology



Factory rebuilt
centrifuges

Service



Global
Presence

GEA Westfalia Separator
Food Tec GmbH

Take the Best - Separate the Rest

A company of mg technologies group

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