



## Westfalia Separator minimaXx<sup>®</sup> Separators

Mini-Systems with Maximum  
Performance. The Clever Way to  
Separate Small Volumes

# Westfalia Separator minimaXx® Separators – Mini-Systems with Maximum Performance

The clever way to separate small volumes

## All-round competence

The new Westfalia Separator minimaXx® family is the customer-oriented response of Westfalia Separator Mineraloil Systems to the need for small centrifugal separators to process even small product streams economically and efficiently. Since Westfalia Separator is the market leader in separation technology, its small-scale separators for volumes of up to 1740 l/h naturally meet top-quality standards.

The new Westfalia Separator minimaXx® generation offers a similarly wide range of multiple advantages, including modular design, space-saving design, simple handling, easy cleaning, efficient and safe operability and of course intelligent, preventive maintenance concepts. These plus-points give the user practically unbeatable life cycle benefits throughout the operating life of these systems.



## A new scale of innovation

The systems are naturally designed not only for giant yachts, but also for vessels of sizes comparable to fishing boats, push boats, ferries, coastal vessels or patrol boats. Westfalia Separator minimaXx® separators are also frequently used during oil production from drilling platforms as travelling systems to separate a wide variety of lubricating oil from various units.

### Applications:

- Marine
- Energy
- Industry
- Oilfield

### Processing of:

- Fuel oil
- Diesel oil
- Lube oil
- Hydraulic fluid
- Turbine oil
- Coolant-lubricant emulsions
- Wash water
- Oil-water mixtures

## Mini-class – maximum performance



**The new Westfalia Separator minimaXx® family features:**

- High standard of separating efficiency
- High standard of economy
- Low space requirement
- Modular design
- Simple installation
- Low maintenance
- Service intervals up to 16,000 h

**The Westfalia Separator minimaXx® family:**

- OTC 2  
Manual solids removal.  
Capacity: up to 1150 l/h
- OTC 3  
Manual solids removal.  
Capacity: up to 1740 l/h and new:
- OSD 2  
Automatic bowl ejection.  
Capacity: up to 1150 l/h

# Type OTC 2 and OTC 3 Separators – The Clever Way to Separate in a Tight Place

The Westfalia Separator minimaXx® space-saving marvels

## Mighty minis

The smallest Westfalia Separator minimaXx® separator, type OTC 2, handles up to 1150 l/h. Its bigger brother, type OTC 3, manages up to 1740 l/h. Both models are equipped with a disk-type bowl. The solids chamber must be manually emptied at specified intervals.

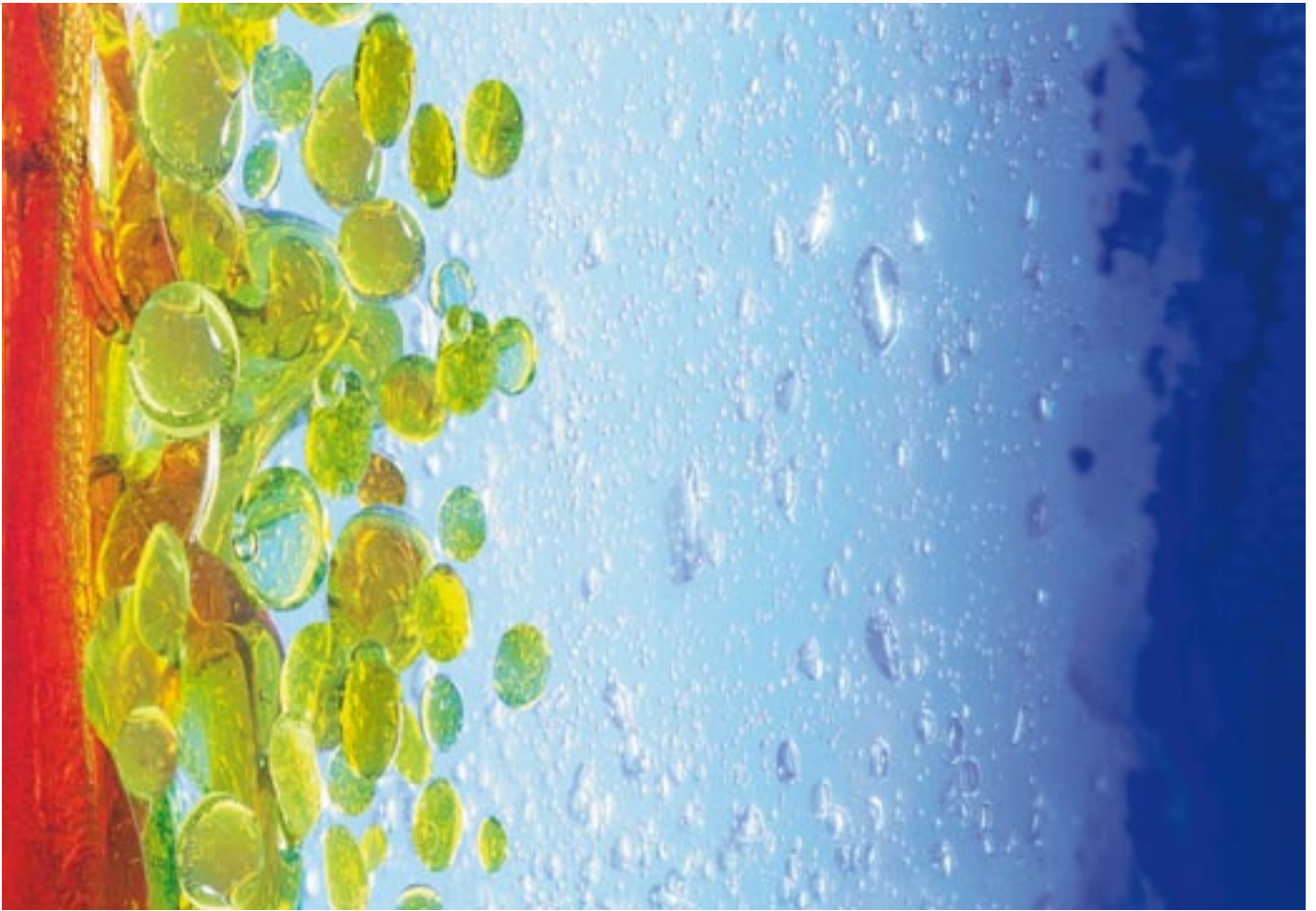
## System philosophy

The application of separators to small product streams has changed radically in recent years. Rising performance and cost pressures demand overall system solutions rather than one-off units. The new Westfalia Separator minimaXx® generation is a range of compact units developed in response to these demands.

The new Westfalia Separator minimaXx® class compact units are designed to save space. Each of them is based on a type OTC separator with a manually dischargable bowl for less heavily polluted media. Complete with all necessary controls, the separator is installed on a mobile skid.

## Clear solutions for every requirement





**Advantages at a glance:**

- High separating efficiency
- Low space requirement
- Low weight
- Modular design
- Low noise
- Flexible line connections
- Simple installation
- Easy to operate
- Low maintenance
- Service intervals up to 16,000 h

# Separator Type OSD 2 – Automatic, Reliable and Convenient

The Westfalia Separator minimaXx® cost beaters

## Self-thinking, self-discharging

The Westfalia Separator minimaXx® separator type OSD 2 offers even greater processing convenience. The bowl of this “independently thinking” separator is automatically discharged by means of an electronic control. With a capacity of up to 1150 l/h, this separator is particularly suitable for unsupervised operation, even when processing media with a high solids content. Westfalia Separator Mineraloil Systems deals systematically with this situation too. All the benefits of the larger systems are embodied in the mini-sized units as well.

## A new dimension of innovation

### Maximum separation – minimum effort

The demands of the market are uncompromisingly implemented in the completely new concept of this separator. A further increase in separating efficiency, longer intervals between services, a 40 percent reduction in space needs and a 60 percent weight reduction enable the new Westfalia Separator minimaXx® separators to meet all market demands. Maintenance is simplified by the use of a flat-belt drive instead of a gear. The number of components has been reduced by around 30 percent to make these machines particularly service-friendly. Further advantages include low-noise operation and an optimised price-performance ratio. The self-cleaning minimaXx® separators can also be delivered as ready-to-connect compact units and can therefore be installed quickly and simply.

### Optimum separation – optimum reliability





#### All advantages at a glance:

- High separating efficiency
- High standard of economy
- Low weight
- Low space requirement
- Modular design
- Low noise
- Flexible line connections
- Simple installation
- Easy to operate
- Low maintenance
- Service intervals up to 16,000 h

#### Compact unit consisting of:

- Westfalia Separator minimaXx® separator
- Feed pump
- Electric heater
- Control unit CC-1
- Skid

#### Westfalia Separator WESERVE® – “the all-round carefree package”

The measurable advantages extend all the way to the optimised after-sales service. We have de-veloped the Westfalia Separator WESERVE® concept for the exclusive benefit of our clients. The comprehensive benefits of this service package range from preventive maintenance and tel-eservice with Westfalia Separator WEWATCH® and Westfalia Separator WESCAN® to service contracts that let you sleep soundly at night. In addition, our spare parts guarantee ensures that you will never lack original spares from Westfalia Separator.

#### We want you to be satisfied

- Beverage Technology
- Dairy Technology
- Oils and Fats Processing
- Chemicals, Pharmaceuticals and Biotechnology
- Oils and Fats Recovery
- Starch Technology and Industrial Biotechnology
- Environmental Technology
- Marine
- Energy
- Oilfield
- Industry
- Engineering
- Second Hand Machinery
- Service

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Printed on chlorine-free bleached paper  
[www.papp.cc](http://www.papp.cc)

9997-0958-010/1005 EN  
Printed in Germany  
Subject to modification

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