

# ECOLINE



Ecoline - the "three in one" principle

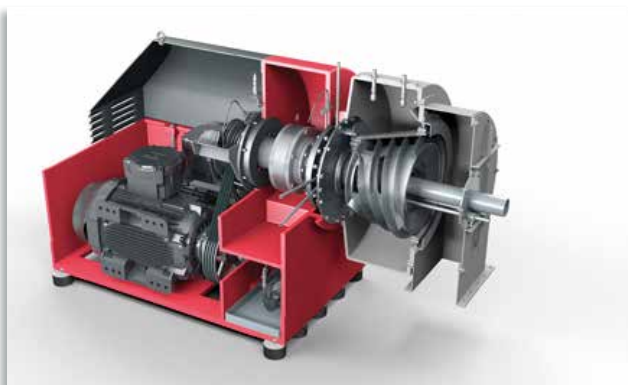
# ECOLINE

SIEBTECHNIK has developed into the most innovative centrifuge manufacturer in the world during the last 20 years, and, with a type diversity of 10 different technology variants, offers the greatest selection to increase efficiency in the separation of solids/liquids.

The new "ECOLINE" range is a combination of a series

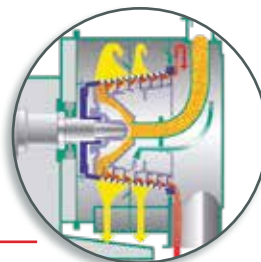
product with standard elements and a proportion of flexible equipment with different rotating separating elements for implementation as a centrifuge on the sedimentation or filtration principle as required.

Combination of the two separation procedures is also possible on the "three-in-one" principle!

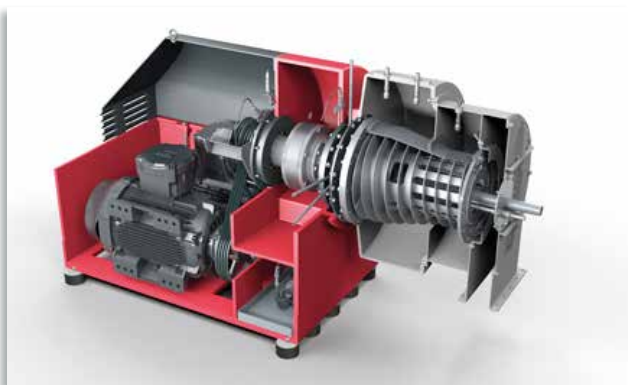


## ECOLINE CONTURBEX

### Screen worm centrifuge

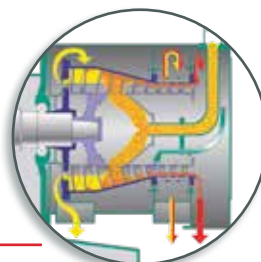


The most versatile of our continuously operating centrifuges are our screen worm centrifuges. The solids retained by the sieve are transported from the small to the large diameter by the angle of inclination of the basket and the slightly different speed of the scraper worm. The size of the solid particles to be separated is preferably in excess of 80 µm.

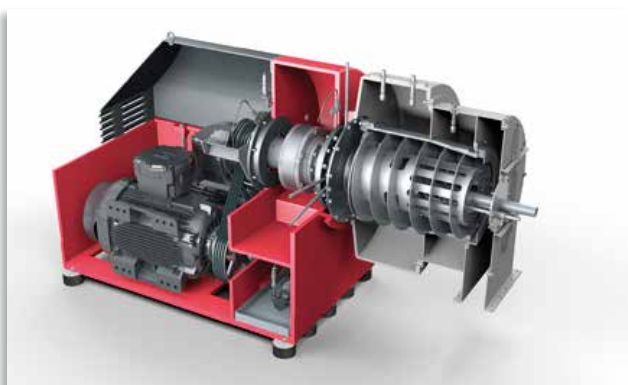


## ECOLINE CONTHICK

### Screen Decanter centrifuge

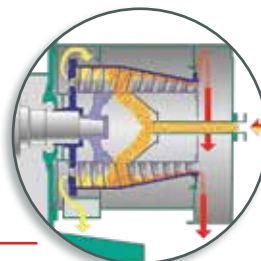


This centrifuge's design is based on the technology of our CONTURBEX screen worm centrifuge. A solid-bowl thickening stage is additionally used, which enables a high degree of separation efficiency to be achieved even with low-concentrated suspensions, and thus a high yield in fines.



## ECOLINE SHORT-BOWL

### Decanting centrifuge



The SHORT-BOWL decanter's design is supported at one end. This centrifuge has short rotating parts and is well-suited for separating fine solid particles with a great difference in specific density to a liquid.

## ECOLINE Variations

On the modular principle, three different centrifuge types are offered in distinct equipment variants, such as, for example, gas-tight executions, double-motor drive, etc:

- ECOLINE CONTURBEX Screen worm centrifuge filtration centrifuge
- ECOLINE CONTHICK Screen Decanter centrifuge sedimentation/ filtration centrifuge
- ECOLINE Short-Bowl Decanting centrifuge sedimentation centrifuge

Stocking elements and components makes for maximum possible flexibility with regard to the execution and ensures short delivery times.

Consistent separation of the drive section with integrated bearing and one-sided connected rotating parts coming into contact with the product also enables the separating procedure to be subsequently modified by simply changing the components in the rotor.

The accessibility of the product space, bearing and drive elements conveniently offers rapid service possibilities and brief downtimes.

The focal point of the system lies favourably in the area of the drive unit and ensures quiet running. The machine forms a slim and enclosed unit. These design benefits offer reduced noise development and prevent contamination of the drive elements. As with all SIEBTECHNIK machines, the ECOLINE range is also fitted with integrated circulating oil lubrication!

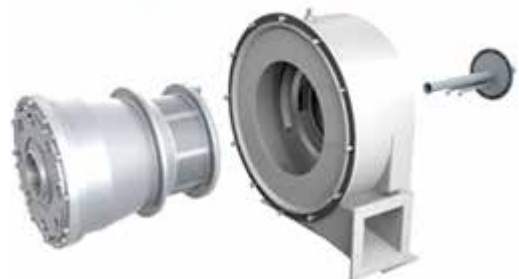
The supply unit is mounted on a drawer panel and can be pulled out at the side for maintenance purposes.

This means to say that - with minimal maintenance requirements - above-average service life of all roller bearings and the gear unit can be ensured!

ECOLINE CONTURBEX H400 / 450  
Screen worm centrifuge



ECOLINE CONTHICK H350 / 260V  
Screen Decanter centrifuge



ECOLINE SHORT-BOWL DECANTER SBD 350  
Decanting centrifuge



**Combinable with all components:** \_\_\_\_\_

Gastight  
execution

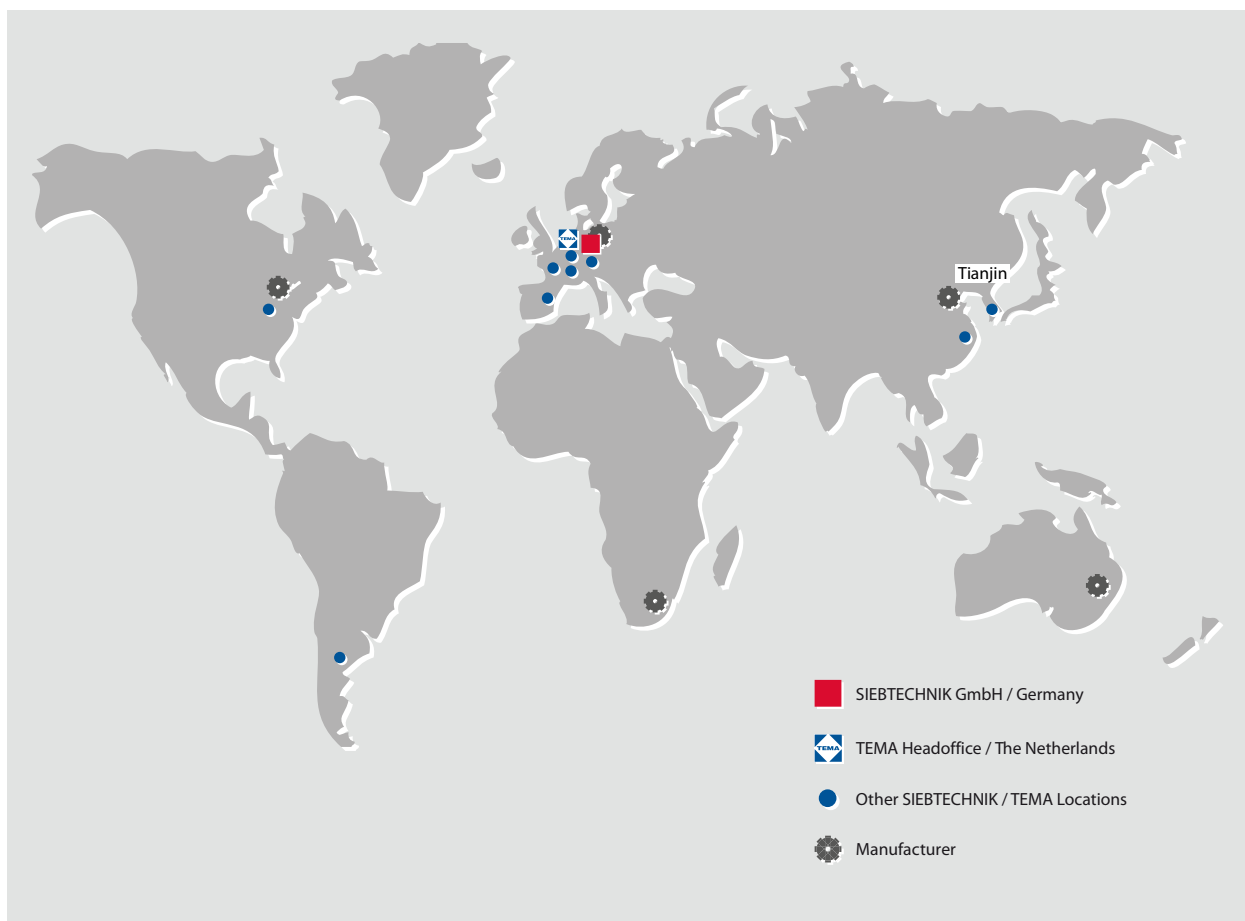


Open  
execution



Double drive execution





SIEBTECHNIK GmbH  
 Platanenallee 46  
 45478 Mülheim an der Ruhr  
 Germany

Phone +49 (0)208 / 58 01 - 00  
 Fax +49 (0)208 / 58 01 - 300  
 e-mail: [sales@siebtechnik.com](mailto:sales@siebtechnik.com)  
 website: [www.siebtechnik.com](http://www.siebtechnik.com)

 **SIEBTECHNIK**