



European Filter Solutions

Filter solutions for Industry

ALFA
LAVAL

Authorized Distributor

Alfie 500

Separator System

Now available from leading UK filter supplier
EUROPEAN FILTER SOLUTIONS LTD



Using high-speed centrifugal separation makes it possible to extend the life of your service fluids. Alfa Laval's disc-stack separators provide fast, efficient, simultaneous three-phase separation of oil and sludge.

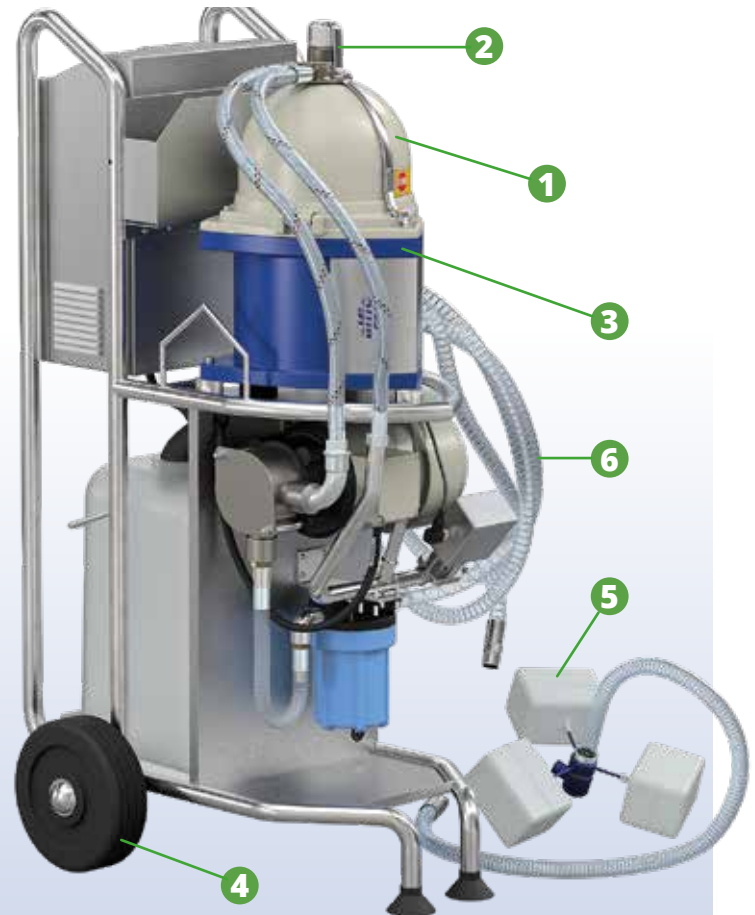
Alfie 500 removes contaminating oil, grease and solid particles from coolants. The result is lower costs due to reduced fluid consumption, lower disposal costs and improvements in both product quality and working environment.

Alfie 500 is a complete compact system, including separator, feed pump and control system. The control panel makes it easy to operate. The Alfie 500 has a high capacity-to-size ratio. Handling tanks with volumes of up to 15 m³. Alfie 500 is installed in a bypass system and operates continuously.

User-friendly operation

Operator convenience is a key parameter in the design of the Alfie 500. The PLC-based control system is operated by means of a control panel. The symbols and messages in clear text are easy to understand. Quick couplings make it easy to connect the hoses when the cleaning unit is moved from tank to tank.

With its compact and ergonomic design, Alfie 500 is easy to move across the workshop floor. And you can use it to serve several tanks or just one.



- 1** Solid particles accumulate inside the rotating bowl. When the bowl requires cleaning, it can be opened with a few simple operations.
- 2** When the tramp oil has reached a certain level in the collecting tank, a microswitch is activated, stopping the cleaning process and turning on an indicator light.
- 3** The surface of the rotating bowl is coated with a material that is 12 times harder than steel.
- 4** Large wheels make it easy to move Alfie 500 even when the floor is not entirely smooth.
- 5** Suction hose with surface suction device.
- 6** Hose for return of clean liquid.

Meeting your needs

To meet all your needs, Alfa Laval offers a wide range of stationary or mobile separator systems for all types of fluids. Our offering ranges from systems with capacities suitable for smaller workshops to larger systems designed to clean complex and heavily contaminated fluids.

European Filter Solutions guarantees easy start-up and if you need help, a service engineer is always on hand to support your operations further. European Filter Solutions has full support from Alfa Laval and is always available to assist.



The Alfie 500 user-friendly control panel.



A float-type suction device is included as standard (left). The optional bellows type (right) is designed for narrow spaces and shallow tanks (up to 100 mm).

Technical Data

Capacity

Max. flow, 50/60 Hz 500 l/h (2.2 gpm)

Sludge space 0.6 l (0.16 gal)

Fluid Requirements

Max. temperature 70°C (160°F)

pH value 6–9

Electrical Data

Voltage 230 V or 100–230 V
single-phase (±5%)

Frequency 50/60 Hz

Amperage 10 A

Weight

Total weight, incl. stand 60 kg (135 lbs)

Dimensions

Length 620 mm (24")

Width 510 mm (20")

Height 1140 mm (45")



Alfie 500 is delivered complete with stand, collection tank for tramp oil, surface suction device, hoses, service tool kit and instruction book.



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