

Oil skimmer model 1S

A small compact appliance with a large lifting height for tanks with a surface of up to 1m²



Simple, quick and reliable removal of oil and fats floating on all kinds of liquids like coolant, degreasing agent, waste water by the Friess Oil Skimmer Model 1S

This is how it works:

The oil collector tube of the oil skimmer model 1S creates a swirling motion on the surface of the liquid and thereby reliably removes oil and fats even such stuck to the corners of the basin. Because the oil collector tube floats on the surface and can be adjusted to any shape of tank it ensures extensive oil removal as well as a clean separation of oil and water.

Your advantages:

- Quick amortization owing to extended operational life of emulsions and degreasing baths
- Low maintenance costs due to solid construction and use of durable materials
- Easy installation as pre-fabricated kits for mounting are available for nearly all situations
- System adapts to variations of liquid levels
- Special construction ensures that the oil skimmer model 1S can be adapted to various shapes of tanks: round or rectangular, open or closed, above or under ground

Technical Data:

Oil capacity:

2 - 30 l/h

Surface of basin:

min. 500 x 500 mm

Installation height above liquid:

max. 10,000 mm

Level fluctuation:

max. 1 m

Max. length of oil collector tube moving on water surface

2,000 mm max.

Working temperature:

-20°C till + 60 °C

Drive power:

0.09 kW

Voltage:

230 V

Weight:

10.55 kg

Dimensions incl. oil collecting pan:

width: 300 mm
length: 308 mm
height: max. 372 mm

Options:

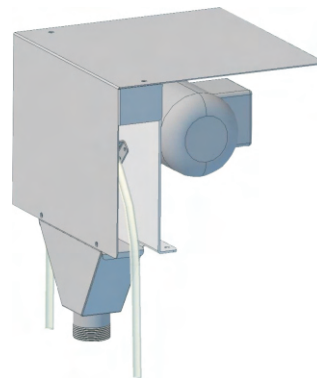
- Gear motor with electronic speed control
- timer function
- Stainless steel 1.4571 version for operation at aggressive media

Operation:

A smooth loop of tube the so-called oil collector tube made of a special plastic formula floats freely on the surface of the liquid. Oil and fats as well as dirt particles dissolved therein stick to the outside of the oil collector tube. The oil collector tube is pulled through specially designed highly abrasion resistant stainless steel scrapers. The oil is taken off the tube and then drips into a collection basin and finally the waste oil storage tank.

Special features:

The oil skimmer model 1S is specifically designed for high lifting heights. The oil skimmer model 1S can be mounted up to 10 m above the water level. Especially at underfloor basins, wells and other small basins where the water surface is under the floor you can use the oil skimmer model 1S. The oil skimmer model 1S is specifically designed for constant use in a rough industrial environment. The oil collection basin as well as the casing of the machine are made of stainless steel. The drive wheel is equipped with highly abrasion resistant ceramic parts and guarantees extended periods of usage even when used for highly contaminated cooling lubricants and degreasants. The standard version of the oil skimmer is delivered with a switch, cable and plug and can be used immediately. In addition, the portable version includes a handle, which ensures flexible installation to various tanks.



For more information, consultation and orders call:

- phone: 0049 (0)2173 / 52011
- fax: 0049 (0)2173 / 33374
- web: www.friess.eu
- E-Mail: post@friess.eu

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Friess GmbH
Böttgerstraße 2
D-40789 Monheim

GmbH
FRIESS