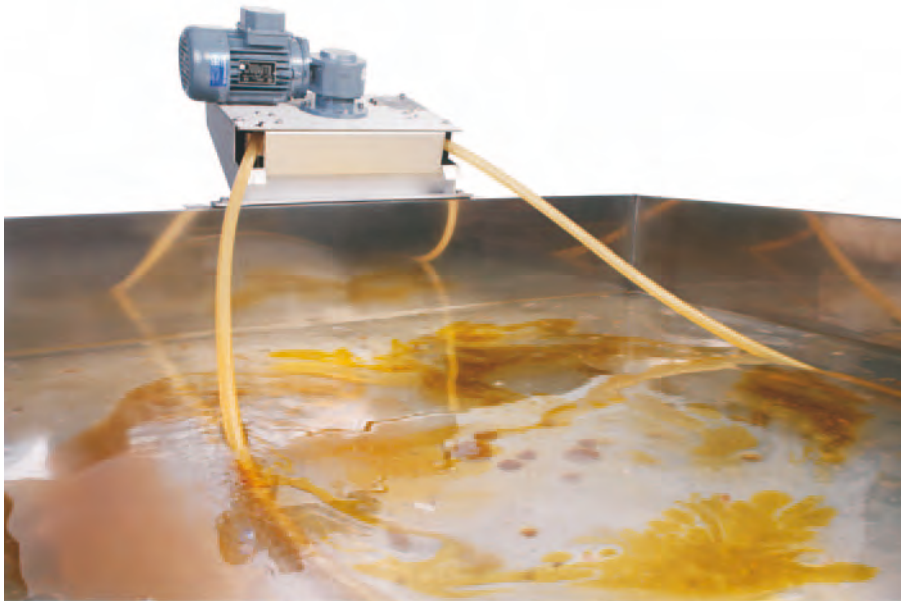


# Oil skimmer model W40

compact oil skimmer



**Friess oil skimmer model W40 easily, fast and reliably removes floating oil from coolant, degreasing bath or waste water,**

## Longer lifetime for your coolant:

If surface of coolant is covered with oil, coolant has no contact to oxygene. Missing oxygene causes fast growth of anaerobic bacteria. The coolant starts to smell badly. Later the coolant will be destroyed because of bacteria growth. Bacteria in the coolant may cause skin irritation or allergic reactions. Continous removal of tramp oil with the oil skimmer model W40 avoids these problems

## Your advantages:

- Quick amortization owing to extended operational life of emulsions and degreasing baths
- Low maintenance due to using stainless steel an abrasive resistant ceramic
- Easy installation as pre-fabricated for mounting are available for nearly all situations
- System adapts to variations of liquid level
- The free floating oil collector tube removes oil from total surface

## Technical Data

### Oil capacity:

10 - 230 l/h

### Surface of basin:

min 800 mm x 800 mm

### Installation height above liquid:

max. 600 mm

### Working temperature:

- 20°C bis + 95°C

### Drive power:

0,09 kW

### Voltage:

400 V

### Weight:

14 kg

### Dimensions incl. oil collecting pan:

Length: 250 mm

Width: 420 mm

Height: 323 mm

### Options:

- Electronic speed control
- Decanter tank in order to remove water in the skimmed oil
- Automatic timer
- Atex certificate for using the skimmer in explosion hazardous area
- Stainless steel 1.4571 for using the oil skimmer with aggressive media
- Polypropylene for using the oil skimmer with aggressive media

### Operation:

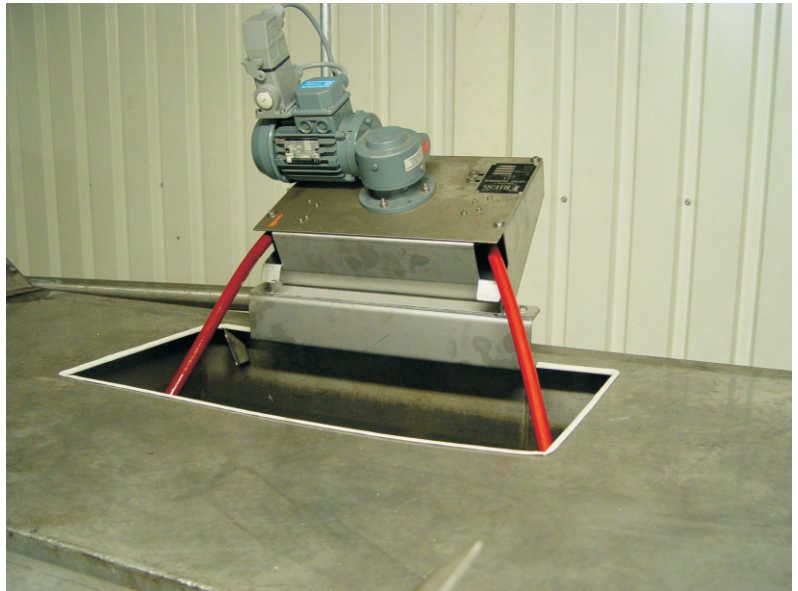
An endless loop of tube, the oil collector tube, made of special plastic floats freely on the surface of the liquid. Oil and fats as well as dirt particles dissolved therein stick to the outside of the oil collector tube. The oil collector tube is pulled through specially designed highly abrasion resistant ceramic scrapers. The ceramic scrapers remove the oil from the oil collector tube. The oil floats into the oil collector pan and finally into a storage tank.

### Special features:

The oil skimmer model W40 can be adapted to various shapes of tanks: round or rectangular, open or closed, above or under ground. The oil collector tube will cover the total surface of the tank. It creates a continuous flow on the surface of the liquid and will attract and remove the oil even from the corners of the tank. The oil skimmer model W40 is designed for continuous operation in industrial applications. The oil skimmer model W40 is made of stainless steel. Drive wheel and scrapers are equipped with highly abrasion resistant ceramic parts and guarantee extended periods of usage even when used for highly contaminated coolants or degreasing baths.

### Applications

Degreasing bath  
Coolant  
Cooling water  
Waste water  
Rain water



Oil skimmer model W40 at degreasing bath



Oil skimmer model W40 at coolant tank



Oil skimmer model W40 at waste water tank



Oil skimmer model W40 at coolant tank

### For more information, consultation and orders call:

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