

# Belt skimmer Universal

Compact, light oil skimmer for small coolant systems



Simply, fast and reliably the oil skimmer Universal removes floating tramp oil from coolant and other process liquids.

## Longer lifetime for your coolant:

If the surface of your coolant is covered by a thin film of tramp oil, the coolant has no contact to oxygen. Missing oxygen in the coolant will cause fast growth of anaerobic bacteria. The coolant starts to smell and has to be exchanged because of growing bacteria. Bacteria in coolant may cause skin irritation, skin rash and allergic reactions. Continuous removal of floating tramp oil with the oil skimmer Universal made by Friess will help you to avoid these problems.

## Your advantages:

- Fast redemption because of longer service life of your coolant
- Low maintenance because of tough construction and corrosion free material
- Simple and easy mounting
- Timer for easy automatic operation
- Can be used for all coolant tanks because vertical or diagonal mount is possible
- Drain with adjustable down-grade
- Endless skimmer belt without seam
- 24 h operation is possible because of tough 230 V geared motor

## Technical Data

### Oil capacity

3 - 12 l/h

### lifting height:

250 mm

### Width of the belt:

40 mm

### Surface of basin:

max. 0,8 m<sup>2</sup>

### Minimum installation surface:

min. 45 x 75 mm

### Drive power:

9 W

### Voltage:

230 V

### Weight:

3,85 kg

### Dimensions:

Length: 250 mm

Width: 120 mm

Height: 605 mm

### Construction:

Hydraulic oil or lubrication oil that floats on the surface of the coolant sticks to the skimmer belt. The skimmer belt carries the sticking oil towards the scrapers. The oil will be removed from the skimmer belt by a stainless steel scraper on each side of the belt. The oil flows into a collecting tank.

### Field of application and special feature:

The belt skimmer Universal is specially designed for small coolant tanks at tool machines. Because of the tough construction the belt skimmer Universal can be used 24 h a day even under rough industrial conditions. Drive and pulley are made of stainless steel and guarantee a long service life. The oil skimmer can be used vertical or up to 45 °C inclined, so it can be adapted to nearly all coolant tanks. The down-grade of the drain is adjustable so that the oil skimmer can be adapted to clean or sticky systems. The oil skimmer Universal comes with timer, main switch, cable and plug, so that mounting and start up is quickly done. An additional continuously, variable support is available as option.



Belt skimmer Universal in operation



The floating oil will be attracted towards the oil skimmer



After short operation the surface is clean

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

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