



interfil

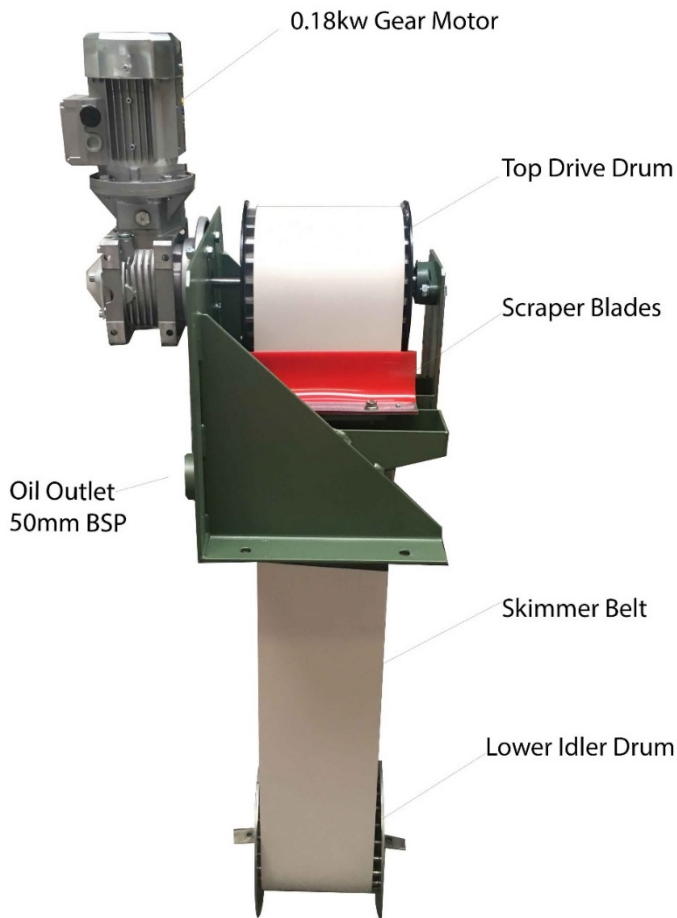
BS2000 Surface Oil Skimmer



Interfil BS2000 Oil Skimmer

INTERFIL BS 2000

Surface Oil Remover



OPERATION

Surface Oil is naturally attracted to the PVC Belt as it passes through the surface oil phase. Thus the INTERFIL BS2000 is in effect, a continuous, vertically-orientated endless belt. The lower end or tail of the belt is designed to be always submerged in the liquid and the belt is suspended within the lower loop, a tail pulley.

The upper end of the continuous belt fits over a head or drive pulley and passes between two wiper blades which remove the oil, motor spirit, product or whatever is being separated by the PVC belt.

The removed material passes into a collection area and then into a sump which is part of the mild steel fabricated base frame. The sump features two exit ports from which the oil may be disposed.

Because the PVC Belt is available in any length, and because the tail pulley is free-riding, the INTERFIL BS2000 can be furnished to meet any height (or depth) requirements. For optimum operation, the tail pulley should be completely submerged.

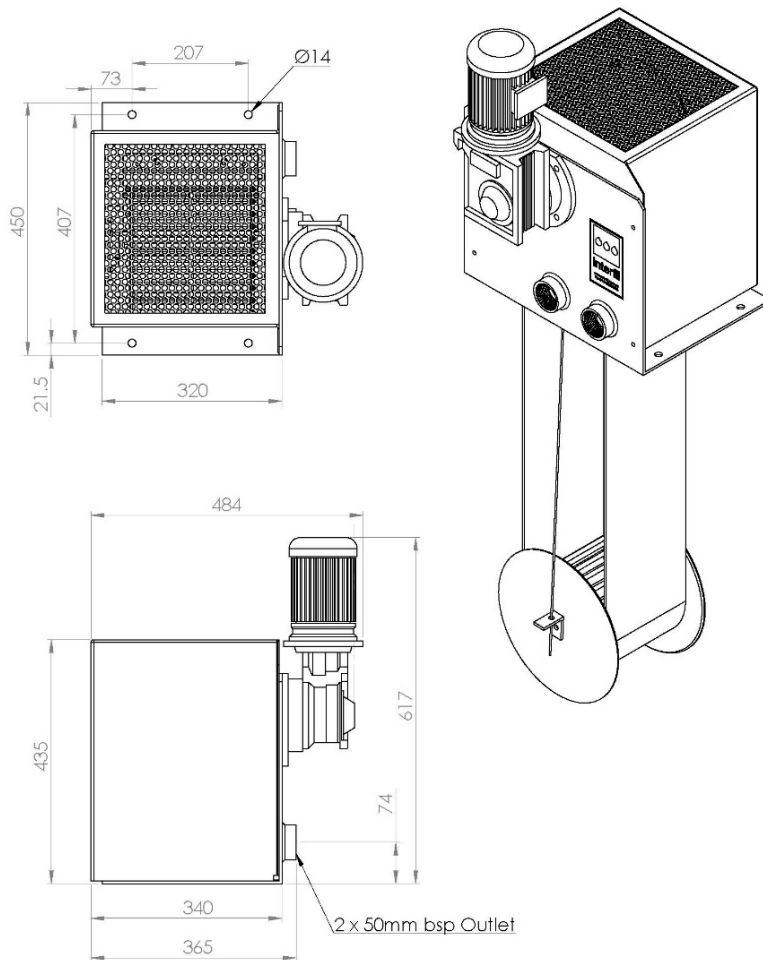
USES

- Remove Oil and Grease from sullage drains
- Remove Tramp and Free Oils from coolant, cutting and processing liquids
- Remove Motor Spirit and Oils from wash pads and pits
- Recover Product from process and wash waters
- Remove Oily Wastes from settling tanks

BENEFITS

- EASY TO INSTALL
- SIMPLE TO SERVICE
- CONTINUOUS OPERATION
- ECONOMICAL TO PURCHASE AND OPERATE
- EFFECTIVE – removes up to 10 litres/minute
- ELEVATES OIL FOR EASY DISPOSAL
- EFFECTIVE – operates regardless of changes in liquid height
- WEATHER RESISTANT – engineered to withstand the elements
- ENGINEERED as a complete system

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DIMENSIONS

Base overall	450mm x 320mm
Unit overall	450mm x 484mm
Height of base frame	435mm
Height overall	617mm

*Interfil Liquid Filtration reserves the right to change the design without notice

TECHNICAL SPECIFICATIONS

Base frame: Base frame with integrated collection trays, doctor blades, pedestals and collection sump – the sump having two (2) ports, each of which is machined to 50mm BSP female thread.

Mounting holes 14mm diameter are machined into the mounting flanges on a grid 407mm x 207mm to allow mounting with M12 diameter bolts.

Motor: Three phase, 50 Hz / 60Hz, 415 volts, 0.18kw, 4 pole, 1430 rpm, 0.062amps, cont. IP66 rated.

Belt: PVC Belt fabricated into a continuous belt in increments of half metre pulley centre distances 1mtr to 5mts – special length upon request, long life retention, standard width 200mm also available in 100mm.

Tail Pulley: Flanges have overall diameter of 240mm, thus needing a minimum of 250mm fluid depth to allow the tail pulley to operate at the optimum position of fully immersed.

Doctor Blades: Manufactured from nitrile elastomer and assembled into standard units for ease of removal and replacement.

