

# European Filter Solutions Limited

## Suction Skimmer



Official Distributors for

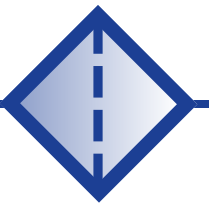


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## Suction Skimmer

### The Industry Standard

The **SmartSkim<sup>®</sup> Floating Suction Skimmers** set the industry standard for skimming floating oils and solids from the surfaces of industrial fluids. Our multi-patented suction skimmers are the most efficient and most durable devices available. They are designed as simple, trouble-free solutions for removing free floating and mechanically dispersed tramp oils from various applications such as wash tanks, individual machine coolant sumps, central coolant systems, machine pits, wastewater pretreatment tanks, and any application where the skimming of oil from the top surface of a fluid tank is required.

The suction skimmer changes position as fluid levels in your tank rise and fall, assuring you of consistent and continuous surface skimming.

**Simple. Durable. Effective.**

7" Skimmer



### What Makes SmartSkim<sup>®</sup> Better?

- World's best floating suction skimmer - all stainless steel design with no hoses to kink, harden or collapse.
- Easily set with minimal adjustments. Virtually no maintenance.
- Robust and industrial grade for a lifetime of use.
- There are no belts or disks or drums to repair.
- There are no ballasts that need filling or adjusting.
- Designed for continuous operation.
- No need to ever replace.
- Can be used with virtually any coolant or cleaner.



Patent Numbers:

6,183,654 ♦ 6,277,287 ♦ 6,315,131 ♦ 6,638,437 ♦ 6,790,370 ♦ 6,827,853





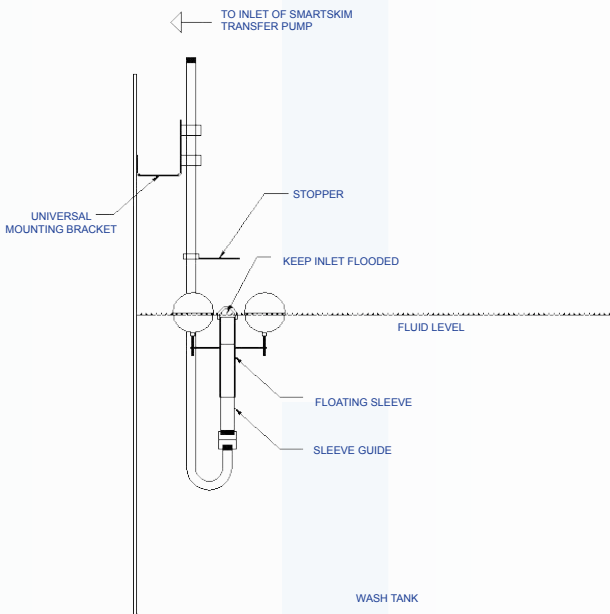
## Suction Skimmer

### Design Standard

Our multi patented **SmartSkim**<sup>®</sup> **Suction skimmer** is mounted in your tank and continuously removes the topmost oily layer. Skimmed oily fluids are typically pumped through an oil water separator where floating contaminants are separated.

Simply connect the **SmartSkim**<sup>®</sup> **Suction Skimmer** to the suction side of a transfer pump and you're skimming. This unit continuously removes the topmost oily layer. We recommend low shear pumps for this service such as air operated diaphragm (AOD) pumps or progressive cavity pumps.

**SmartSkim**<sup>®</sup> is the industry standard.



Typical 7" Skimmer Setup



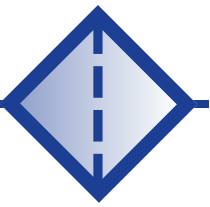
### Sizing

Model	Vertical Travel	Space Required	Minimum Depth
3.5" Skimmer	3.5"	6" x 9"	5.5"
7" Skimmer	7"	12" x 12"	14"
17" Skimmer	17"	14" x 14"	24"
36" Pivot Arm Skimmer	36"	16" x 34"	8"
48" Pivot Arm Skimmer	48"	16" x 40"	8"

Our universal mounting bracket is designed to easily mount the skimmer to the top edge or to the inside wall of your tank.

A stopper is included to keep the floating sleeve attached during high fluid level conditions.

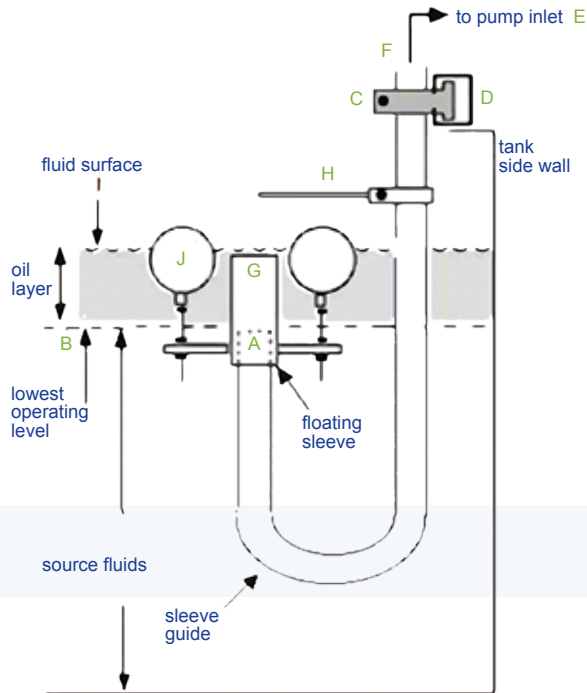




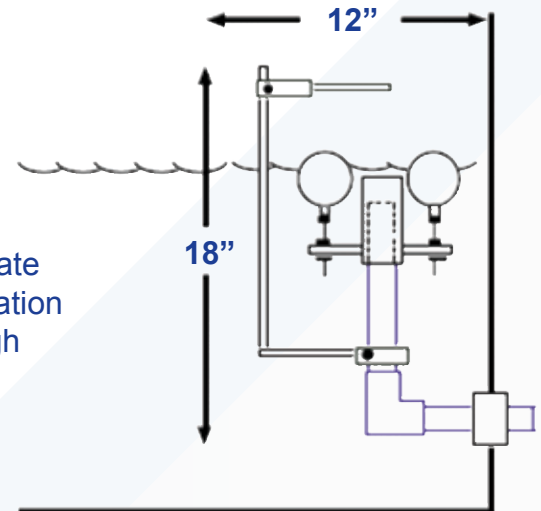
## Suction Skimmer

**SmartSkim**<sup>®</sup>

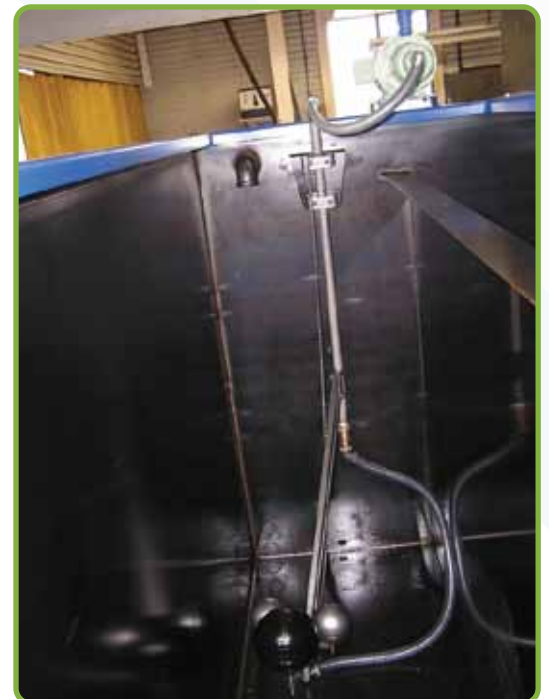
Suction Skimmer Operations



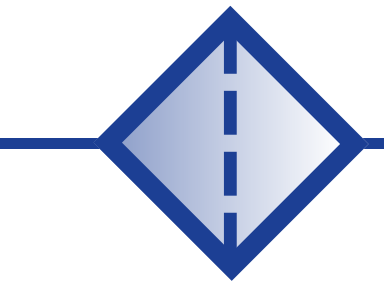
Alternate  
installation  
through  
side  
wall



**SmartSkim**<sup>®</sup> Skimmer mounting bracket is designed specifically to mount this skimmer on top of the top edge of your tank, or to the inside wall. Convenient mounting holes make it easy to suspend the skimmer anywhere. A restraining bar is included to keep the floating portion attached during high fluid level conditions.



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**E**uropean  
**F**ilter  
**S**olutions  
**L**imited

Official Distributors for  **SmartSkim**<sup>®</sup>  
Contaminant control for industrial fluids

**European Filter Solutions Ltd provides advanced Filtration and Separation Solutions, for a diverse range of filtration disciplines and Industries in the UK and Overseas.**

*“Our aim is to provide a high level of technical service and expertise to assist our customers in reducing their total operating costs. To achieve our aims, European Filter Solutions Ltd combines the strengths of world class suppliers with our application expertise, to provide you with cost effective solutions for all filtration related problems.”*

### **Our capabilities include :**

- **Technical Design, Supply and Installation of all types of new filtration systems.**
- **Upgrading of existing systems.**
- **Supply of original Filters.**
- **Supply of a wide range of alternative upgrade filters.**

**We are based in the heart of the industrial area of South Yorkshire in Harworth Nr Doncaster, close to the A1 motorway network and Doncaster Robin Hood Airport.**

**European Filter Solutions Ltd  
are here to meet your filtration challenges.**

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