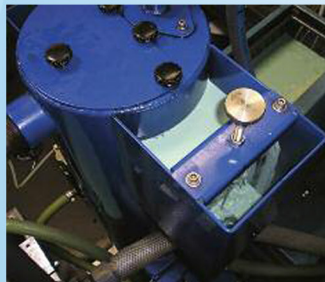


The SmartSkim V3 Separator System

The SmartSkim V3 Vertical System sets the industry standard for skimming and separating floating oil and solids from industrial fluids. It is designed as a simple, trouble-free solution for removing free floating and mechanically dispersed tramp oils from wash tanks, individual machine coolant sumps and many other manufacturing process fluids. Based on gravity flow and coalescence, the V3 Vertical Separator can reduce tramp oils to less than 1% in a single pass.



Top view of V3



Air Service Assembly



Air Operated Diaphragm (AOD) Pump

The Smartskim “non-clogging” design allows for the separation of oils and settling of solids in one step. Applications include water soluble, semi-synthetic & synthetic coolants from machining and grinding, alkaline washwaters, stamping fluids, wastewater pre-treatment, aqueous quench pits, die casting mold release fluids, and any application where separation of two immiscible fluids is required.

Setting the Industry Standard

Attributes:

- Open Channel coalescing technology is low maintenance and non plugging. Frequency of cleaning is a fraction of what is required with competitive tortuous path plastic media coalescers
- The V3 System is manufactured of mild steel. It's robust and industrial grade for a lifetime of use
- Cone bottom for easy removal of solids and sludge
- Quick system payback
- Automated system for continuous operation
- World's best floating suction skimmer is included — all stainless steel design and no hoses that kink, harden or collapse. Easily set and minimal adjustments

Benefits:

- Reduce new fluid purchase costs up to 75% by extending the life of those fluids
- Reduce waste volumes by 50% - 90%
- Reduce cost of wash water detergent, heating & disposal costs
- Consistently cleaner parts
- Improve sump life, tooling, and parts quality
- Reduce misting and smoke, machine cleanliness, environmental waste disposal, bacteria levels and their associated odors.
- Separated tramp oils can be sold or recycled

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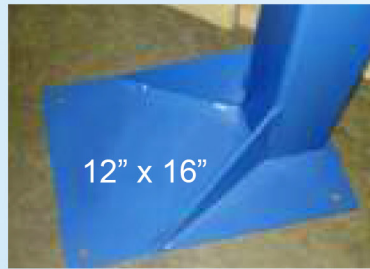
SmartSkim V3 Vertical System is entirely pneumatic.

Our multi-patented SmartSkim suction skimmer is mounted in your tank and continuously removes the topmost oily layer. Skimmed oily fluids are pumped through the separator where floating contaminants are separated. Clean fluids return by gravity to the source tank.

Inside the SmartSkim V3 Separator, there are no plastic coalescer media, filters, or consumables of any kind. Our proprietary open channel system separates and removes floating oils and solids by gravity only. This makes maintenance fast and easy. Open channels do not plug.

SmartSkim systems just run and run. Oil that is captured inside the separator gravity drains automatically to a capture drum. This oil is typically dry enough to sell or recycle. No electrical panels or hook ups are normally necessary.

The Vertical System is entirely pneumatic. It runs on plant air, typically using just 1 - 3 CFM. Just plug and play!



Pedestal Mounting Stand with pre-drilled holes for ease of installation to plant floor

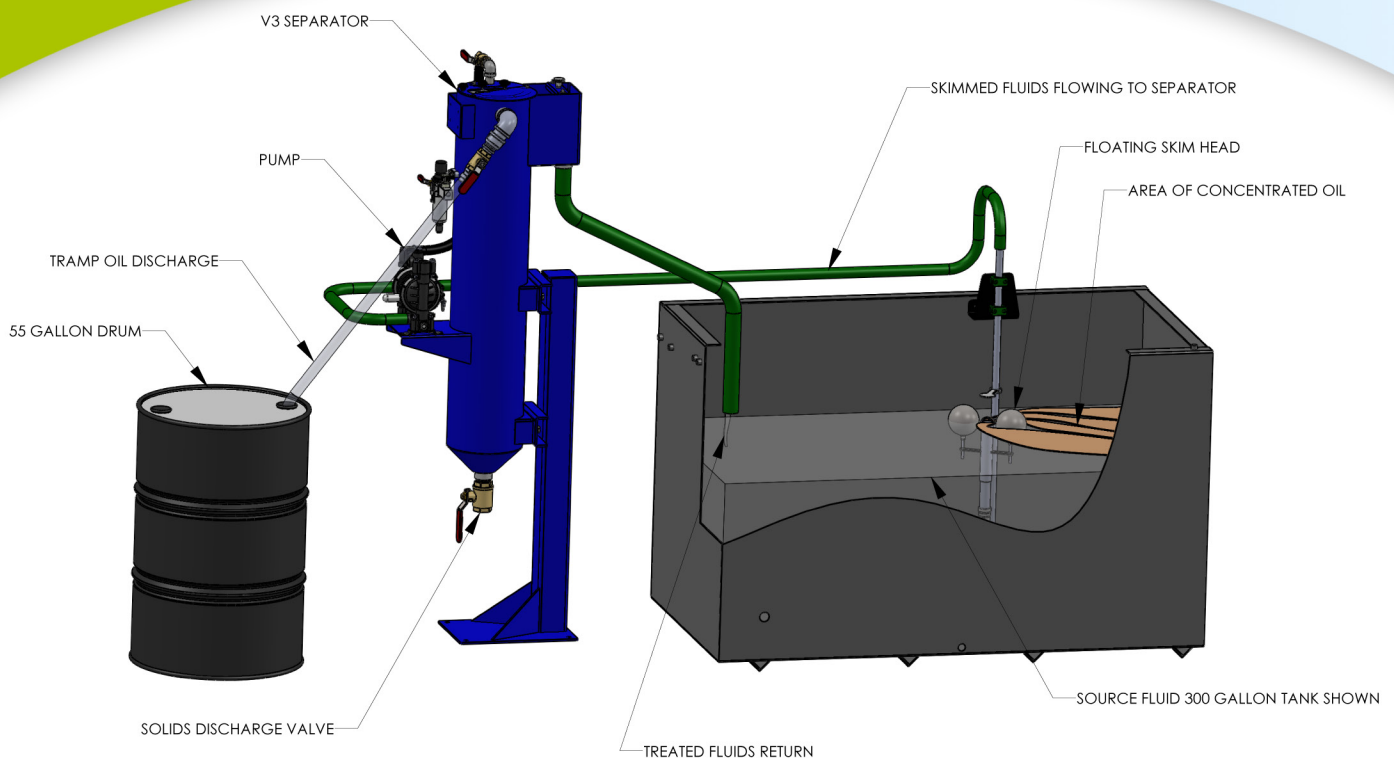


Our suction skimmer at work

V3 Vertical Separator Footprint

The V3 Vertical Separator takes up very little floor space. The unit has a footprint of 25" x 13" x 76" tall. The standard unit includes a pedestal mounting stand, but the separator can be provided without the stand and could then be attached to existing tank or other structures.

Due to the nature of the gravity discharge, our separator needs to be installed with the clean outlet port above the level of the fluid that it is cleaning. The standard suction skimmer that is included with our systems requires an area of 12"x12"x14" deep within the source tank that it will be installed. Other suction skimmers are available to deal with restricted space constraints or low fluid levels.



V3 Vertical Separator Process Flow