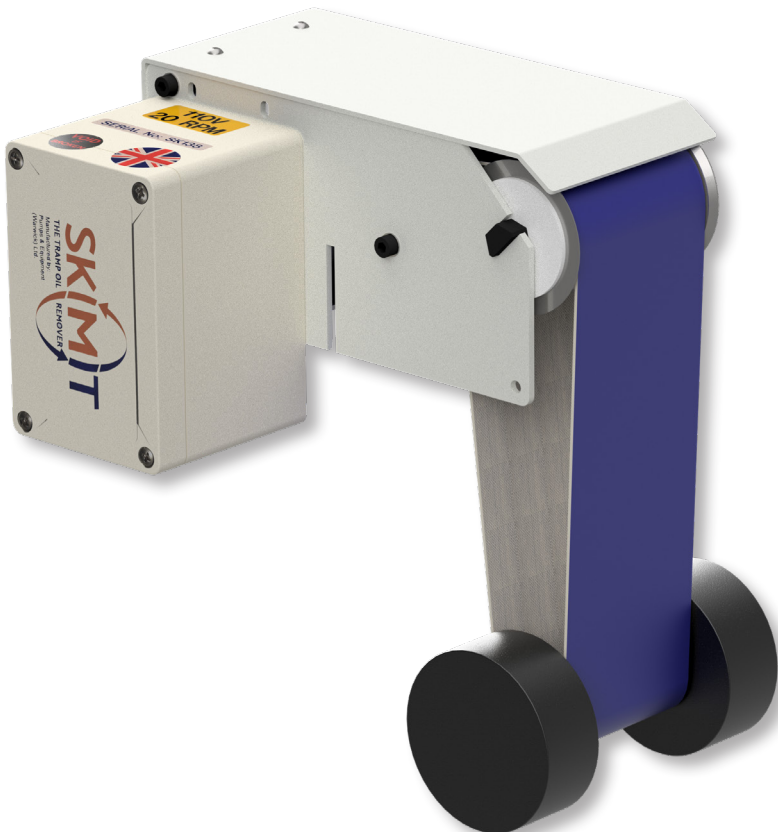
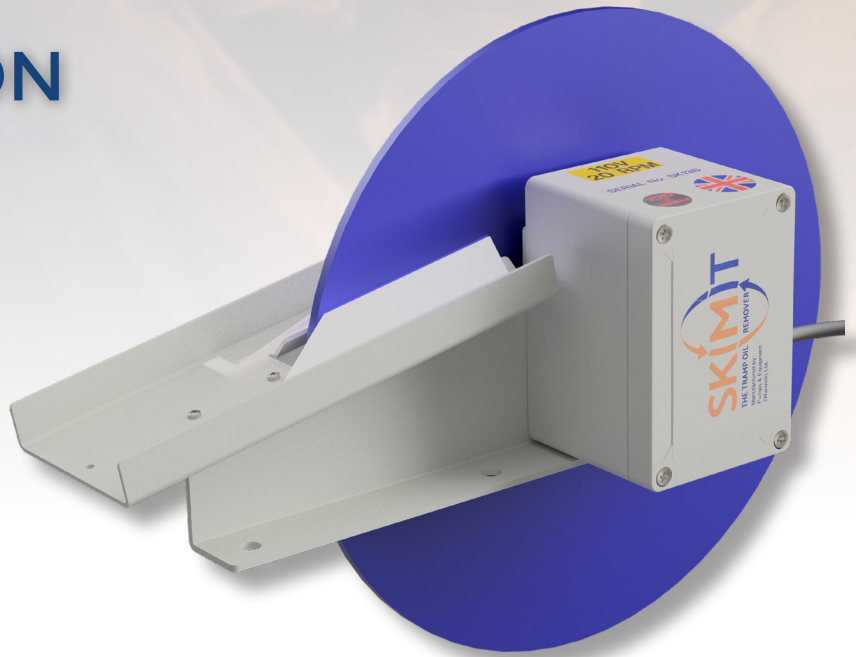


# SKIMIT

THE TRAMP OIL REMOVER

PROVIDING  
THE COOLANT  
CONTAMINATION  
SOLUTION FOR  
**YOUR CNC  
MACHINE  
TOOLS**



DESIGNED AND MANUFACTURED BY



**Pumps &  
Equipment**

[www.pumps-equip.co.uk](http://www.pumps-equip.co.uk)





**We know just how disastrous tramp oil can be to your coolant, directly impacting fluid quality and leading to problems with your machine tools. Our bespoke products offer you a direct solution to your production problems, helping save you time and money.**

Our goal is to support the UK's general engineering processes with a range of high-quality oil skimmer products, directly improving the quality of machine tool coolant in the cutting process. So far, we have provided thousands of businesses from a variety of industries with our compact and durable units, implementing a low-cost solution to their issues with tramp oil. The Skim-It range uses the latest skimming technology to keep coolant fluid tanks clear of contaminants, guaranteeing extended tool life and accuracy.



**LOW COST,  
EFFECTIVE SOLUTION**



**1- YEAR  
WARRANTY**



**COMPACT AND  
DURABLE DESIGN**



**HIGH  
R.O.I**

## **DISK SKIMMER**

### **Description**

Tramp oil disk skimmers are the perfect solution for your small to medium- sized coolant tanks. The light and compact design can be fitted on any flat surface that has access to your machines oil, allowing for easy installation and with the capability to be moved if needed. Our disk skimmers remove up to 15 litres of tramp oil per hour, effectively cleaning the coolant in the coolant tank and improving coolant quality.

### **Sizes available**

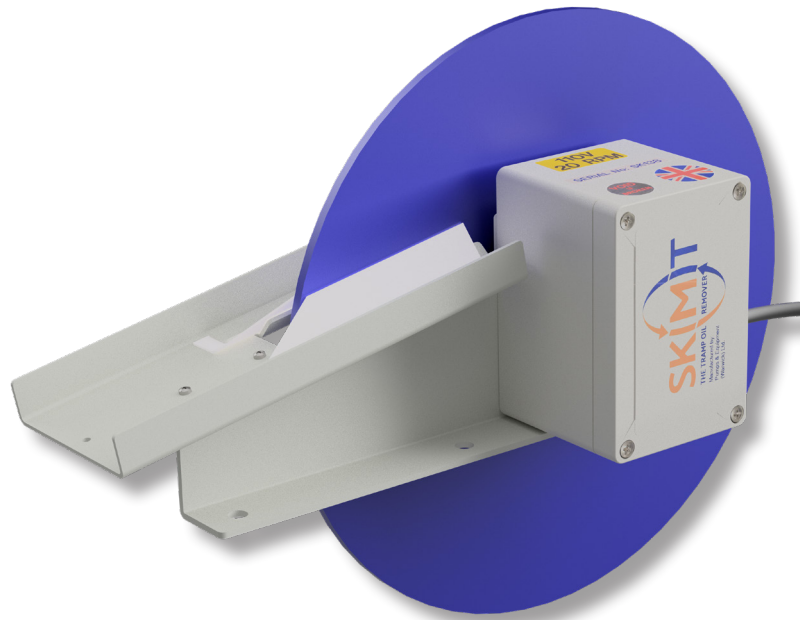
This product is available in 220, 300 and 450mm diameters, allowing you to choose the solution most suitable for your machining needs.

### **Additional information**

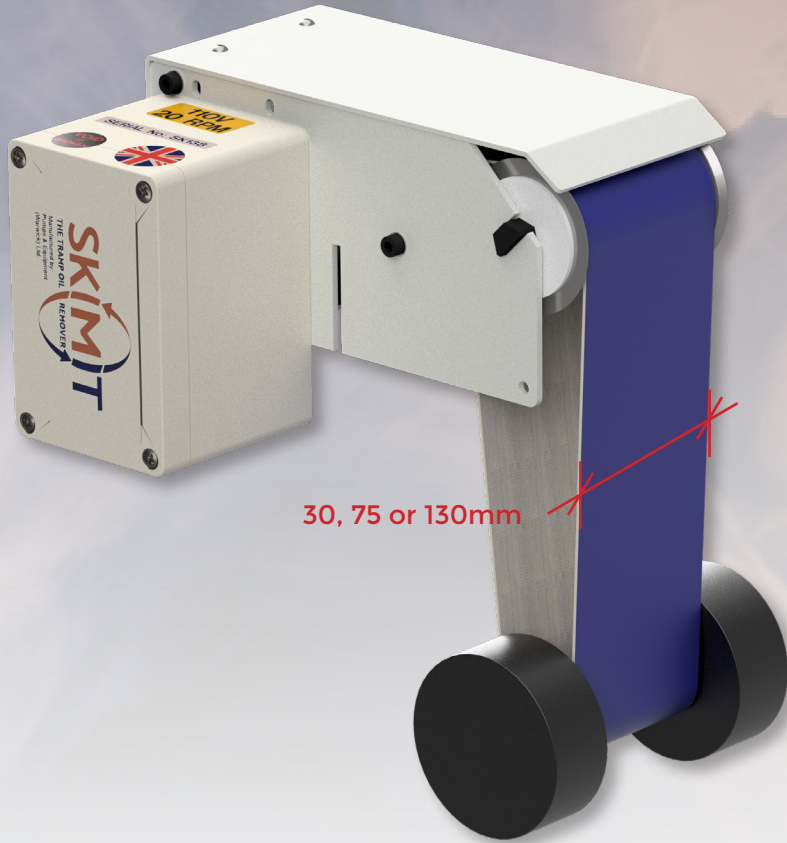
Our disk skimmers are extremely durable, designed to withstand temperatures up to 80°C, with a choice of either 110V or 240V versions available.

### **Application recommendation**

Recommended for use in machines where there is plenty of headroom for the disk to operate and where the coolant tank operates at a constant level.



# BELT SKIMMER



## Description

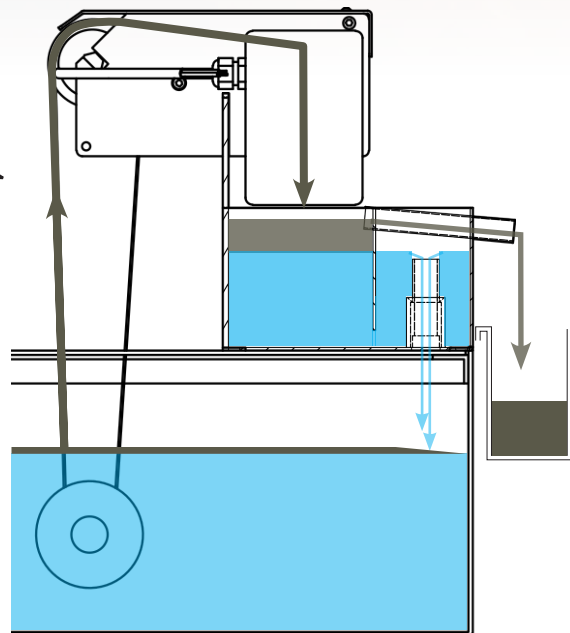
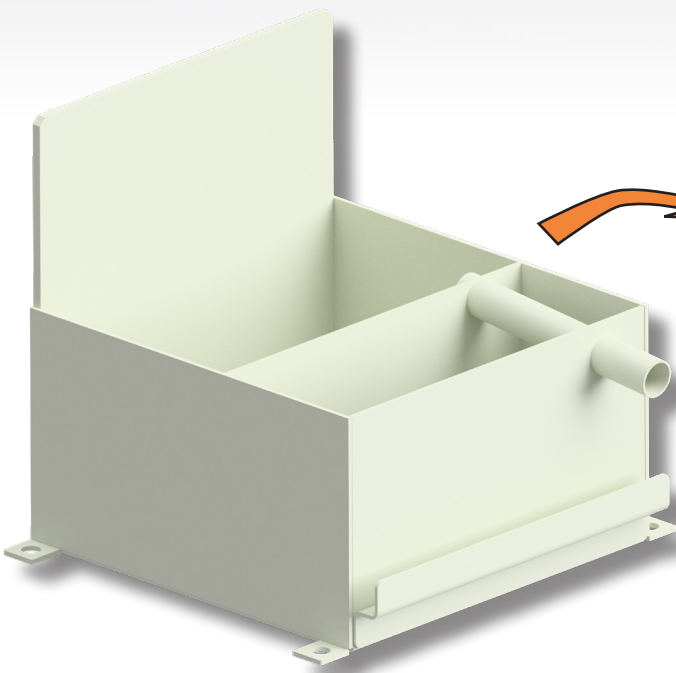
Our tramp oil belt skimmer is a tough and effective tramp oil solution, with the capabilities to remove up to 12 litres of contaminated oil per hour. The skimmer is specially manufactured with a light and portable design for easy installation purposes, while also being suitable for movement within and between machines. Our belt skimmers are extremely durable, designed to withstand temperatures up to 80°C, with a choice of either 110V or 240V versions available.

## Sizes available

Our standard belts are available at 30mm, 75mm or 130mm wide, with our belt drops measuring between 125mm and 2m. However, if your machining capabilities extend this, we can offer special belt drops upon request.

## Application recommendation

Recommended for use in machines where there is minimum headroom and fluctuating coolant levels.



# OIL SEPARATORS

Our oil separators are specifically designed to ensure only tramp oil is removed from the system, whilst clean coolant is returned to the machine tank. We offer a range of standard separators that mount on the machine tank, requiring a rectangular cut-out for the belt weight, the return point and four fixing points. Our in-house engineering team are on hand to design and manufacture bespoke equipment if necessary. Please call to arrange a site survey or discuss your individual requirements.

# FAQ's

## What is tramp oil?

Tramp oil is one of the major contaminants of coolant. It usually originates from leaky hydraulic systems, gearboxes, spindles and slideway lubrication systems, predominantly used on modern machine tools.

The oil accumulates on the coolant surface, mainly due to differences in gravity, surface tension and the way in which oil bonds itself. This viscous, surface-level fluid makes it relatively easy to remove. However, if not treated effectively, it seals the coolant from the air, creating an ideal culture for the rapid growth of micro-organisms.

## How does tramp oil affect me and my coolant?

The effects of tramp oil on coolant and operatives are as follows:

- A severely unpleasant smell
- Issues with rusting and corrosion
- Elevated risk of skin problems such as dermatitis
- Increased deterioration in fluid lifespan and quality
- Amplified costs for fluid renewal and disposal

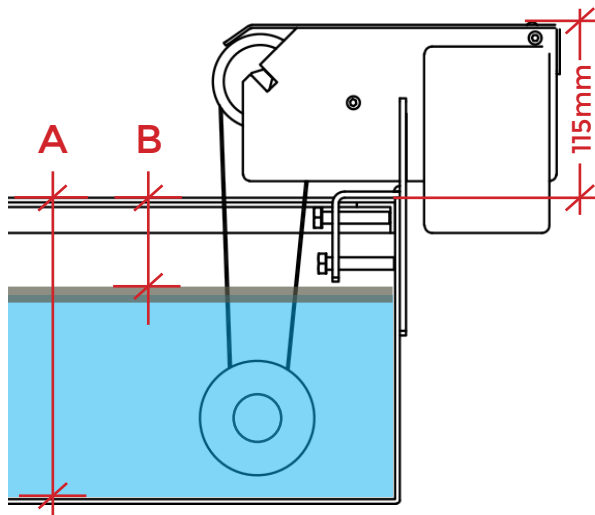
## How can I prevent tramp oil contamination?

Below are some top tips for keeping your coolant contamination-free:

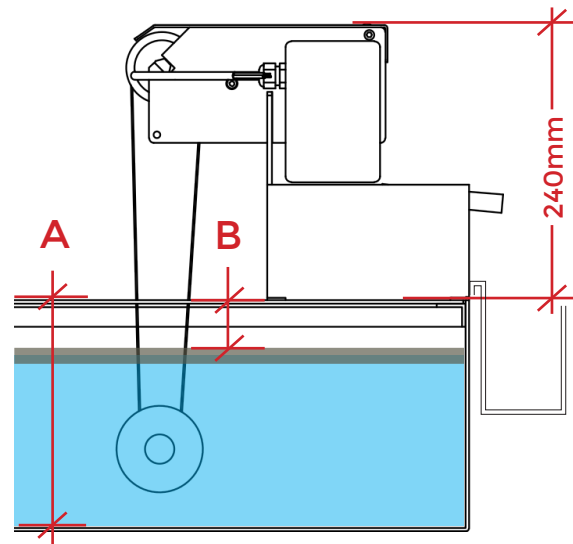
- Ensure that your machine and sump are cleaned and decontaminated before filling with fresh coolant.
- When pre-mixing the coolant, strictly adhere to the manufacturer's recommended dilution for best results.
- Check your fluid regularly, keeping an eye out for signs of contamination so as to tackle the problem promptly should it arrive.
- Use one of our bespoke products to ensure any contamination that does occur is eradicated.

# MEASURING FOR INSTALLATION

Select a clear area on the tank top where tramp oil collects below and ensure the bottom of the tank is flat (no obstructions for the belt weight). Two measurements are required - one internal tank depth (A) and from the tank top edge to the high coolant level (B).



Standalone Skim-It Installation



Skim-It with Separator Installation  
(optional catch tray shown)

# CONTACT US

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