



RO-MOP OM140 - Oleophilic Oil Mop Skimming System
with Stainless Steel Frame as standard

PROVEN OIL SPILL TECHNOLOGY

RO-MOP OM140 - Oleophilic Oil Mop Skimming System with Stainless Steel Frame as standard

The OM140 is a simple but extremely effective and versatile Rope Mop skimmer. These machines have been used in oil spills and by customers in various industries with great success for many years.

Construction:

The OM140 Rope Mop skimmer is housed in a strong and rugged stainless steel frame. The powered rubber rollers are used to drive the oleophilic mop through the skimmer and squeeze the oil off into the sump or tank. The standard tank offered with the OM140 has a capacity of 300 litres, and has wheels and handles for easy operation and manoeuvrability. The skimmer can alternatively be used with an oil barrel, a collection sump, or similar if more convenient.

Design:

During operation, the skimmer will recover a wide range of oils, from light to medium viscosity. With the injection of heat into the liquid, fats and heavy oils can also be recovered. Due to the unique construction of the rope mops, the fibres are oleophilic and opened ended to ensure they recover oil and reject water. Placing a twist in the deployed mop ensures greater recovery of oil and that items of trash cannot get entangled.

Operation:

The lightweight OM140 is easy to deploy and operate. Using the skimmer with a 90m mop, it is possible to recover oil from distance, either horizontally or vertically. This allows recovery from narrow spaces such as drains and pits, but also wide open areas such as lakes or rivers. This versatility makes the OM140 mop skimmer an ideal choice for first line defence in oil spill emergencies.



Advantages of RO-MOP OM140:

- Stainless steel chute with fibreglass liner to reduce wear and dramatically extend the life of the skimmer
- Frame manufactured in AISI 316 Stainless Steel for strength and durability
- Can be used with a range of oleophilic mops, which can recover a wide range of oils
- 360 degree fibres in the mops allow greater quantities of oil to be recovered more efficiently when compared to similar flat mops, which have less contact with the oil
- Unique mop deployment technique allows for full contact with the oil for the whole of the mop, allowing even higher recovery rates
- Available with either diesel or electric drive systems

TECHNICAL DATA

Nameplate capacity:	5m ³ per hour / 22 US gpm
Max mop diameter:	100 mm / 4 inch
Standard Mop length:	30 m / 98 ft (Max Mop length: 90 m / 295 ft)
Max Mop speed:	28 m per minute / 91 ft per minute
Frame:	AISI 316 Stainless Steel
Skimmer Dimensions:	1.08 x 0.47 x 0.44 m / 43 x 19 x 17 inch
Weight:	107 kg / 236 lbs
Oil Tank Dimensions:	1.17 x 0.7 x 0.75 m /
Oil Tank Weight:	36 kg / 79 lbs
Oil Tank Drain Diameter:	5 cm / 2 inch
Oil Tank volume:	300 litres / 79 US gallons
Floating Tail Pulley:	2 x Circular foam floats connected to the
Drive Options:	20 cm diameter pulley drum Diesel and Electric systems available

Standard System:

As standard, an OM140D Skimmer system consists of the below equipment:

- 1 x Diesel driven OM140D Rope Mop Skimmer
- 1 x 30m long, 100mm diameter Rope Mop (Heavy Duty (HD))
- 1 x Floating Tail Pulley with 12m rope and 2 snap hooks
- 1 x 300 Litre Aluminium Tank

The following ancillaries are available for the system:

- 1 Year Standard Spares Kit
- Chalwyn Valve
- Spark Arrestor
- Extension wheel for vertical deployment