



RO-MOP - Oleophilic Oil Mop Skimmers

PROVEN OIL SPILL TECHNOLOGY

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The Ro-Mop skimmers from DESMI Ro-Clean are highly versatile mop skimmers which have been used in oil spills and by customers in various industries with great success for many years.

The reason for the success of the RO-MOP skimmer is simple - mop machines bring a number of features that are highly desirable for many applications. The mop system will recover a wide range of oils, but is best suited to recovering liquid oils. The mops can also be applied to fats and heavy oils with the injection of heat to assist recovery. The oleophilic rope mop moves through the spilt oil it selectively attracts oil and rejects water (less than 5 to 10% water recovery). The recovered oil is then squeezed by the skimmer driver rollers and gravity discharged into a collection sump or tank.

The mop machine can lift the oil over a great height (e.g. from drains, pits, tanks, wells, boreholes, etc) which eliminates the need for a suction pump.

The fibres of the mop are open ended so large items of trash are not picked up, most in fact falls off the mop as it travels to the wringer unit. Integrated transfer pumps are available to move the recovered oil from the sump to storage or transport.



Advantages of RO-MOP:

- Simple and effective - easy to set up, high recovery efficiency
- Ease of maintenance - the machine is located at ground level giving easy access
- Minimal moving parts - mop machines consist of a motor, gearbox, chain transmission and a pair of rollers
- Horizontal and vertical skimming of oil
- Tolerant to trash and debris
- Three models allow us to offer a system which exactly meets your requirements

TECHNICAL DATA

	OM140	OM240	OM260
Nameplate capacity:	3 - 5 m ³ per hour / 13 to 22 US gpm	6 - 10 m ³ per hour / 26 to 44 gpm	12 - 15 m ³ per hour / 53 to 66 gpm
Max mops:	1 x 4 in	2 x 4 in	2 x 6 in
Max mop length:	90 m / 295 ft	90 m / 295 ft	120 m / 393 ft
Max mop speed:	28 m / 91 ft per minute	30 m / 98 ft per minute	40 m / 131 ft per minute
Drive options:	Electric / Diesel	Electric / Diesel / Air / Hydraulic	Diesel
Oil sump (optional):	300 litres / 79 US gallons	160 litres / 42 US gallons	400 litres / 105 US gallons
Discharge pump:	-	Optional	Optional
Dimensions:	1.08 x 0.46 x 0.69 m / 43 x 18 x 27 in	1.15 x 0.7 x 0.88 m / 45 x 28 x 35 in	1.76 x 0.82 x 1.22 m / 69 x 32 x 48 in
Weight:	74 to 115 kg / 163 to 253 lbs	170 to 250 kg / 375 to 551 lbs	440 to 490 kg / 970 to 1080 lbs

For more information on Oil Spill Response systems, please visit www.desmi.com

