



oil pollution environmental control ltd

OIL SKIMMERS

HV OIL MOP SKIMMER

OPEC PROVIDES A RANGE OF MECHANICAL MOP SKIMMERS FOR THE REMOVAL OF FLOATING OILS AND CHEMICALS ON POLLUTED WATER.

- CAPABLE OF RECOVERING UP TO 600 LITRES AN HOUR OF OIL AND FLOATING CHEMICALS
- ANIMAL, MINERAL OR VEGETABLE OILS
- OPERATIONAL USE NOT AFFECTED BY DEBRIS
- SAFE, EFFICIENT, WELL PROVEN TECHNOLOGY
- SMALL MOBILE UNITS FOR EMERGENCY SPILL RESPONSE
- STATIC UNITS FOR PERMANENT INSTALLATIONS
- ROBUST STAINLESS STEEL CONSTRUCTION ALLOWS LONG TERM CONTINUAL OPERATIONAL USE
- ELECTRIC, AIR OR HYDRAULIC POWER AVAILABLE
- NO INTEGRAL PUMPS NEEDED
- VERSATILE OPEC MOPS CAN BE VERTICALLY OR HORIZONTALLY DEPLOYED

SKIMMING OIL IN CONFINED SPACES

Using the OPEC Polypropylene Mop, OPEC Skimmers can be used for any type of application, from down boreholes to the open sea.

The HV Mop Skimmer was specifically designed to cope with oil pollution in confined or restricted spaces or where not much oil is present. The HV Mop Skimmer is a simple, cost effective and easy to use system.

The use of a small oil/water separator tank allows any free water pick-up to be returned and ensures only oil or floating chemicals will be removed for further processing or treatment off site. Alternatively many HV applications utilize a specially designed de-mountable frame as illustrated on the reverse of this document.

WORKING PRINCIPLE

The specially designed polypropylene mop lies on the surface of the oil/water at the interface. Its oleophilic and hydroscopic properties easily adsorb any type of oil whilst free water pick-up is kept to a minimum. The oil extraction unit comprises of a stainless steel chassis and polyurethane squeeze rollers to remove oil from the mop. The rollers rotate through the use of a direct drive gearbox reduction unit to the motor. The gearbox can be driven by any power means available such as electric, air or hydraulic motors.



HV De-mountable Frame



Quick and Easy to Deploy



Ideal for Emergency
Spill Response



Fits neatly into the back of
a car boot



HV PRODUCT SPECIFICATION

Model No.	Recovery Capacity (litres/hr)	Power Requirement (kw/hr)
HV	600	0.14

MOP RANGE

CMF STD - White mop for light oils

CMF XD - Black mop for heavy oils

Typically all HV installations use 4" mops due to weight restrictions.

Be-Spoke mop widths are available for special applications.



HEAD OFFICE:

Opec Ltd
1 Nab Lane
Batley
West Yorkshire
WF17 9NG
UK

T: +44(0)1924 442701

F: +44(0)1924 471925

E: info@opec.co.uk

W: www.opec.co.uk

TRUST OPEC TO MOP UP THE MESS