



oil pollution environmental control ltd

OIL SKIMMERS

E-SERIES 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 12 TONNES AN HOUR OF OIL AND FLOATING CHEMICALS
- ANIMAL, MINERAL OR VEGETABLE OILS
- OPERATIONAL USE NOT AFFECTED BY DEBRIS
- SAFE, EFFICIENT, WELL PROVEN TECHNOLOGY
- MOBILE UNITS FOR EMERGENCY SPILL RESPONSE
- STATIC UNITS FOR PERMANENT INSTALLATIONS
- ROBUST STAINLESS STEEL CONSTRUCTION ALLOWS LONG TERM CONTINUAL OPERATIONAL USE
- ELECTRIC, AIR, HYDRAULIC, PETROL OR DIESEL POWER AVAILABLE
- INCORPORATES AN OIL WATER SEPARATOR AND TEMPORARY STORAGE TANK
- NO INTEGRAL PUMPS NEEDED
- VERSATILE OPEC MOPS CAN BE VERTICALLY OR HORIZONTALLY DEPLOYED

SKIMMING OIL

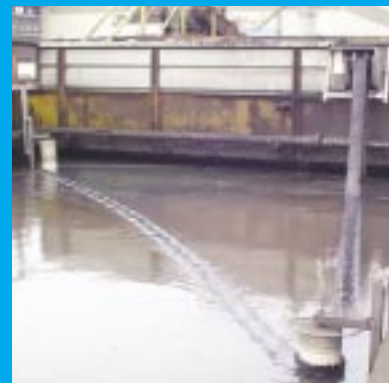
Using the OPEC Polypropylene Mop, OPEC Skimmers can be used for any type of application, from down boreholes to the open sea.

The E-Series, range of machines have been specifically designed to recover oil from permanent installations in industry. The machines typically operate 24 hours a day 7 days a week to ensure oil pollution is kept to a minimum.

The skimming system incorporates a small oil/water separator tank to allow any free water to be returned and ensures only oil or floating chemicals will be removed for further processing or treatment off site.

WORKING PRINCIPLE

The specially designed OPEC 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 gears and a direct drive gearbox reduction unit to the motor. The gearbox can be driven by any power means available such as electric, air, hydraulic, petrol or diesel motors.



Using an OPEC Mop Skimmer
could not be easier



1. Mops are factory joined -
'Ready Looped', for ease of use



2. Intrinsically safe, no need to
splice and join whilst rollers are
in motion



3. Special design features allows
simple, efficient, quick and easy
to use machinery



4. Safety cover ensures no
moving parts are accesible whilst
in operation



TRUST OPEC TO MOP UP THE MESS



E-SERIES PRODUCT RANGE

Model Number	Recovery Capacity (litres/hr)	Power Requirements (kw/hr)
E100	2375	0.5
E150	4000	0.5
E200	4750	0.75
E225	6000	0.75
E300	8000	1.0
E450	12000	1.5

MOP RANGE

CMF STD - White mop for light oils

CMF XD - Black mop for heavy oils

All mop lengths are made to order and
are available in 4", 6", or 9" widths
depending on the capacity
requirements of the installation.



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