



MINI-MAX - Self-adjusting floating weir skimmer

PROVEN OIL SPILL TECHNOLOGY

MINI-MAX - Self-adjusting floating weir skimmer

The unique MINI-MAX is a self-adjusting weir skimmer that is capable of recovering a wide range of oils and products floating on the water surface.

The MINI-MAX skimmer head may be connected to any self-priming suction pump - preferably with a variable speed and a two or three inch suction connection. DESMI Ro-Clean is able to provide a variety of pumps to suit many applications.

Capacity and viscosity handling of the skimmer head is determined by the suction pump or vacuum system attached to the skimmer. Vacuum systems are ideal as they can pull a deep suction.

It is ideal for small industrial separators, tanks and waters. This skimmer can be coupled directly to a vacuum truck or other suction pumps such as diaphragm pumps. In this mode it may be considered for use in hazardous areas.

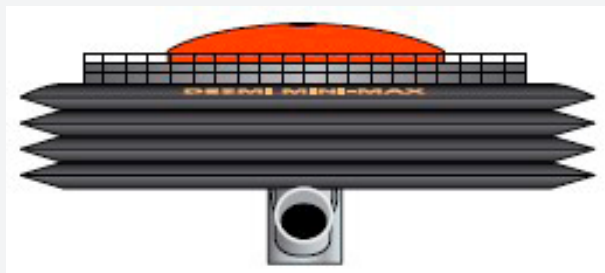
The MINI-MAX is ideal for skimming a wide range of products - as long as it floats and flows the MINI-MAX will be able to recover it!

We typically package the MINI-MAX with a diesel driven 3 in diaphragm pump in a convenient aluminium or PE storage and shipping box. We can also provide electric, pneumatic and hydraulic driven diaphragm, peristaltic and centrifugal pumps.



Advantages of the MINI-MAX

- Totally self-adjusting articulated weir lip allows the weir to fully react to water movement
- Shallow draught and lightweight, the MINI-MAX is ideal for industrial, inland and coastal oil spill operations
- 360 degree uninterrupted flow of oil into the central hopper, with buoyancy provided by the central float
- Reliability, as the MINI-MAX is constructed from robust materials and is virtually maintenance-free. It is ideal for installation in Oil Pits, API separators and other process lagoons
- Simple operation - the MINI-MAX does not require compressed air or hydraulic power to adjust the skimming depth, this is simply achieved by regulating the suction rate



TECHNICAL DATA

The MINI-MAX skimmer performs exceptionally well with vacuum systems. The skimmer head is able to accept solids up to 2 inches diameter (when the trash screen is removed), which pass directly into the vacuum tank. This combination is therefore ideal for inland rivers and marshes where high amounts of weed, grass and vegetation may be present with the oil. We also offer a variety of storage and transport solutions including stackable heavy-duty PE containers.

Nameplate capacity:	30 to 50 m ³ per hour / 135 to 220 US gpm dependant on pump or vacuum capacity
Inlet weir:	Self-adjusting, 0.6 m / 24 in diameter
Operating draught:	0.3 m / 12 in
Weight:	22 kg / 48 lbs
Max solids size:	2 in - refer to pump
Suction connection:	3 in Stainless steel Camlock type male with swivel joint and bend in 0.8 m diameter x 0.33 m / 32 in x 13 in
Dimensions:	
Optional:	Viton diaphragm available for enhanced durability and resistance to aggressive chemicals

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

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