

DBD 5 SKIMMER - Combination Disc/Brush Drum Skimmer

PROVEN OIL SPILL TECHNOLOGY

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The electrically powered DBD 5 is a small highly efficient skimmer for industrial, harbour and inland applications. The skimmer excels in all types of oil from light through to heavy due to the oleophilic disc/brush-drum bank. These highly versatile skimmers are in use around the world.

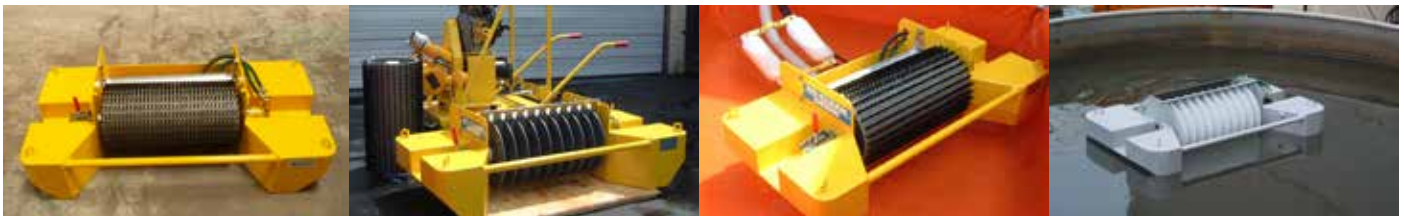
The DBD 5 is a small skimmer which contains one rotating oleophilic DISC or BRUSH-DRUM bank depending on the customer's requirements. This bank is quickly interchangeable to allow maximum flexibility and versatility of the skimmer.

As the DISC or BRUSH-DRUM bank is rotated through the water, oil adheres to the surfaces, and is then scraped off the collection surface and deposited into the central sump of the skimmer head on a continuous basis.

Housed in a tough and rugged aluminium body, this lightweight and portable skimmer can easily be transported to and deployed in the most difficult of locations if required. It is also easy to operate, so can be used on a regular basis with the minimum of training required by the operator, and due to the shallow draft, it can be used in small waterways if required.

This skimmer has a very high efficiency, up to 99 percent!

The speed of the skimmer can be varied to optimise the efficiency of the collection of oil, and allow a maximum capacity of up to 5m³ according to conditions.



Advantages of DBD 5:

- Can be supplied with Disc or Brush-drum banks
- Extremely simple design uses a standard suction pump
- Robust design – thick PVC discs/combined or a sturdy brush-drum mounted in an aluminium body ensure that the DBD skimmer will withstand the most arduous conditions and training programmes
- Highest efficiency in independent tests – The DBD range of skimmers had the highest recovery efficiency :- 98% in 10 mm of diesel, 99% in 25 mm of diesel
- Electric drive ensures no external power pack is required for this skimmer.

TECHNICAL DATA

Discs:	5 m ³ per hour / 22 US gpm
Brush Drum:	7 m ³ per hour / 30 US gpm
Optional Discs:	Single bank of 10 discs 0.295 m / 11.5 in diameter
Operating draught:	0.12 m / 5 in
Weight:	44 kg / 97 lbs
Suction /discharge connection:	1 1/2 in
Drive options:	Electric – 24V or 3 phase. Hydraulic Air – 4.5 litre/sec @ 6.3 bar
Skimmer head dimensions:	1.2 x 0.65 x 0.37 m / 47 x 26 x 15 in
Onboard pump:	Optional

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

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