



DBD 2 SKIMMER - Combination Disc/Brush Drum Skimmer

PROVEN OIL SPILL TECHNOLOGY

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The DBD 2 skimmer is a small highly efficient skimmer for industrial, harbour and coastal 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 2 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 2m³ according to conditions.



Advantages of DBD 2:

- 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.
- Extremely portable due to the small size and relatively lightweight of the skimmer

TECHNICAL DATA

Skimmer head:	800 x 650 x 370 mm / 31 x 26 x 15 in
Drive:	Hydraulic motor OMM32
Nameplate capacity:	2 m ³ per hour / 8.8 US gpm
Discs:	Single bank of 4 discs 0.295 m / 11.5 in diameter
Brush Drum:	Drum impregnated with brushes
Operating draught:	0.12 m / 5 in
Weight:	25 kg / 55 lbs
Suction connection:	1 1/2 in
Hydraulics:	2 x 1/2 in supply and return
Typical hose set:	Pair of hydraulic hoses, suction hose, hose floats, layflat discharge hose
Powerpack options;	
4 kW / 5hp:	Diesel engine recoil hand start
Suction pump:	Flexible impeller, capacity 4.4 cu.m per hour / 19 US gpm
Dimension:	0.9 x 0.6 x 0.85 m / 35 x 24 x 34 in
Weight:	123 kg / 270 lbs
Optional:	Spark arrestor, engine overspeed protection valve, spares kit.

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

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