



DBD20 SKIMMER - Combination Disc/Brush Skimmer

PROVEN OIL SPILL TECHNOLOGY

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The DBD20 is a highly efficient skimmer for harbour and coastal applications. The skimmer excels in all types of oil from light through to heavy due to the oleophilic disc/brush banks. These highly versatile skimmers are in use around the world.

The DBD20 is a medium sized skimmer containing three rotating oleophilic DISC or BRUSH banks depending on the customer's requirements. These banks are quickly interchangeable to allow maximum flexibility and versatility of the skimmer.

As the DISC or BRUSH banks are 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.

Housed in a compact and lightweight aluminum body the DBD20 has a minimum of draft that allows deployment in shallow water and narrow locations. This makes the DBD20 a highly efficient skimmer for harbour and coastal applications.

The high buoyancy to weight ratio of the skimmer and its low inertial mass ensure excellent sea keeping characteristics. With a single lifting point and three additional floats placed outside the build in floatation chambers, the DBD20 lays stable in the water during operation.



Advantages of DBD 20:

- Can be supplied with Disc only, Brush, or a combination of both
- Choice of suction or onboard discharge pump versions of the skimmer
- Different drive options available including electric, hydraulic and air
- Robust design - thick PVC discs combined with a sturdy brush mounted in an aluminum body ensure that the DBD skimmer will withstand the most arduous conditions and training programs.
- 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.

TECHNICAL DATA

Discs:	15 m ³ per hour / 66 US gpm
Brush:	20 m ³ per hour / 88 US gpm
Optional Discs:	Three banks of 10 discs each 0.295 m / 11.5 diameter
Operating draught:	0.325m / 13 in
Weight:	172 kg / 379 lbs
Suction /discharge connection:	2 in
Drive options:	Hydraulic 5 l/m / 1.3 US gpm 140 bar / 3031 psi
Skimmer head dimensions:	2.28 x 2.02 x 1.12 m (incl. Outrigger Floats) / 89 x 79 x 44 in.
Onboard pump:	Optional