



DBD 16 SKIMMER - Combination Disc/Brush Drum Skimmer

PROVEN OIL SPILL TECHNOLOGY

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The DBD 16 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-drum banks. These highly versatile skimmers are in use around the world.

The DBD 16 is a medium sized skimmer containing two rotating oleophilic DISC or BRUSH-DRUM bank depending on the customer's requirements. Two banks are quickly interchangeable to allow maximum flexibility and versatility of the skimmer.

As the DISC or BRUSH-DRUM 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 on a continuous basis.

Housed in a tough and rugged aluminium body, this powerful skimmer is available with optional thrusters to enable it to be deployed in difficult locations. However, despite this, it is also easy to operate, so can be used on a regular basis with the minimum of training required by the operator.

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 15m³ according to conditions.



Advantages of DBD 16:

- Can be supplied with Disc only, Brush-drum, or a combination of both
- Choice of suction or discharge pump versions of the skimmer
- Different drive options available including hydraulic, electric and air
- Robust design - thick PVC discs combined with 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.

TECHNICAL DATA

Nameplate Capacity:	
With Discs Banks:	up to 28 m ³ /hour
With Brush Drums:	up to 30 m ³ /hour
Operating draught:	140 mm
Weight:	48 kg with disc/52 kg with brushes
Suction/discharge connection:	3"
Drive options:	Hydraulic 5 l/min. 80 bar
Skimmer Head Dim.:	1.22x0.93x0.66m
Onboard pump:	Optional

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

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