



DBD 40 SKIMMER - Combination Disc/Brush Drum Skimmer

PROVEN OIL SPILL TECHNOLOGY

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The DBD40 is a highly efficient skimmer for offshore 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 DBD40 is a large skimmer containing three rotating oleophilic DISC or BRUSH-DRUM bank depending on the customer's requirements. These banks are quickly interchangeable to allow maximum flexibility and versatility of the skimmer. The skimmer is also available as a module which can sit on top of certain DESMI Ro-Clean models to increase flexibility and usability.

As the DISC or BRUSH-DRUM banks are rotated through the water, oil adheres to the surfaces, and is then scrapped 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 heavy duty skimmer is best suited for deployment in offshore situations. The skimmer has a relatively shallow draft, and is available with thrusters to enhance flexibility and manoeuvrability. However, despite this, it is also easy to operate, so can be used on a regular basis with the minimal 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 40m³ according to conditions.



Advantages of DBD 40:

- Can be supplied with Disc only, Brush-drum, 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-drum mounted in an aluminium 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
- This skimmer can be mounted on the popular DESMI Ro-Clean range of weir skimmers for added flexibility

TECHNICAL DATA

Discs:	40 m ³ per hour / 176 US gpm
Brush Drum:	100 m ³ per hour / 440 US gpm
Optional Discs:	Three banks of 10 discs each 0.495 m / 19 in diameter
Operating draught:	0.40 m / 16 in
Weight:	250 kg / 552 lbs
Suction /discharge connection:	3 or 4 in
Drive options:	Hydraulic 10 litres min./ 2.6 US gpm 140 bar / 2,030 psi
Skimmer head dimensions:	1.6 x 1.6 x 1.0 m / 63 x 63 x 39 in
Onboard pump:	Optional Or to be mounted on TERMITE/TERMINATOR skimmer head

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

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