

# DBD 5 SKIMMER

## - Combination Disc/Brush Drum Skimmer

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 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 light weight and portable skimmer can easily be transported to and deployed in the most difficult of locations if required. Due to its shallow draft, it can also be used 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 5m<sup>3</sup> according to conditions.



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.

**DBD 5 SKIMMER**



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 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
- Electric drive ensures no external power pack is required for this skimmer.

TECHNICAL DATA

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

**DBD 5 SKIMMER**

**- Contact one of the offices below for further information**



All information is subject to change, and pictures are for illustration purposes only, and not necessarily correct.

**www.ro-cleandesmi.com**



**Head Office**  
RO-CLEAN DESMI A/S  
Hestehaven 61  
DK-5260 Odense S  
Phone: + 45 65 91 02 01  
Fax: + 45 65 48 16 15  
E-mail: Denmark.ro-clean@desmi.com

**U.S.A. Office,**  
APPLIED FABRIC TECHNOLOGIES INC  
PO Box 575,  
227 Thorn Ave,  
Orchard Park, NY 14127  
Tel: +1 716 662 0632  
Fax: +1 716 662 0306  
E-mail: bestboom@afti.com

**U.K. Office**  
RO-CLEAN DESMI LTD.  
Unit 24, Shamrock Quay  
William Street  
Southampton, SO14 5QL  
Tel. +44 23 80829751  
Fax. +44 23 80339190  
E-mail: uk.ro-clean@desmi.com

**Latin America Office**  
RO-CLEAN DESMI LATINOAMERICA S.A.  
Calle Amagasi del Inca E14-68 y 2°  
Transversal  
Edificio RO-CLEAN DESMI - PB  
Quito-Ecuador  
Tel.: +593 2 326 1939  
Fax: +593 2 326 4844  
E-mail: Latinoamerica.ro-clean@desmi.com

**Asia Office**  
RO-CLEAN DESMI ASIA  
50/F Menara BCA  
Jl. MH. Thamrin No. 1  
Jakarta 13010 Indonesia  
Tel: +62 21 2358 4468  
Fax: +62 21 2358 4401  
E-mail: asia.ro-clean@desmi.com