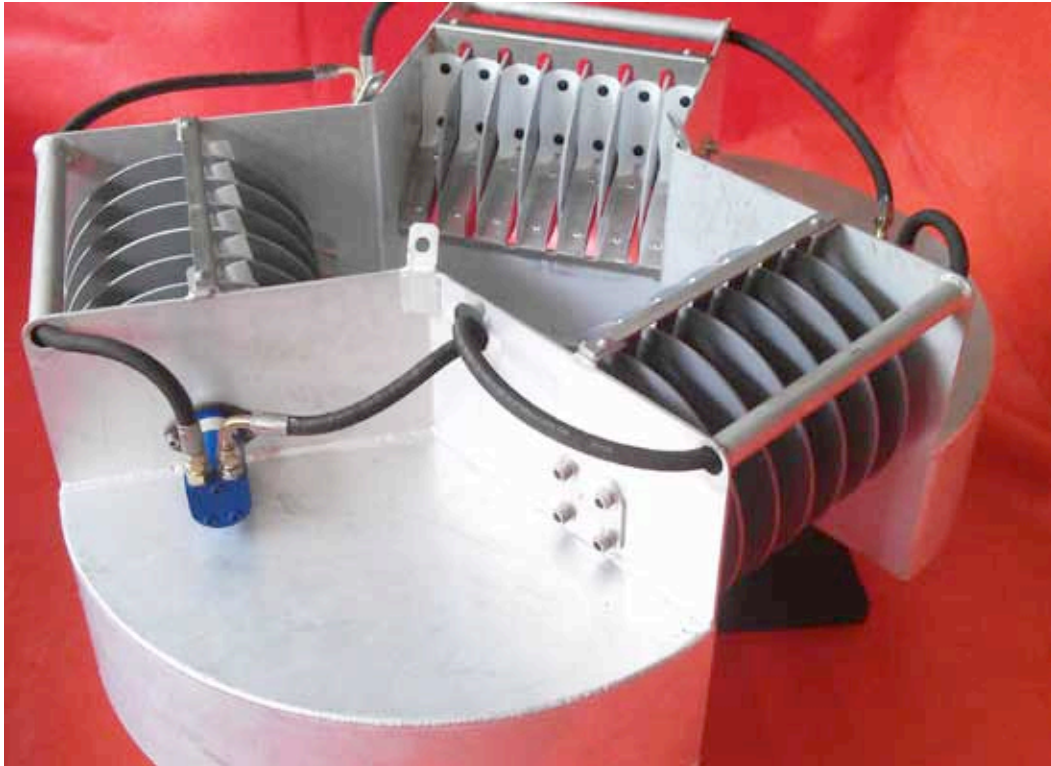


DISC SKIMMER KD 18 – KD 22 – KD 50



- A complete line of disc skimmers, for industry and marine applications.
- Robust design – thick PVC or aluminium discs mounted on a square stainless steel shaft and mounted in aluminium frame ensure long lasting performance in the most arduous conditions.
- A choice of pumps is available for onboard mounting or alternatively an external pump can be used.
- Multipurpose power packs are available for operation in marine or industrial applications.
- Disc skimmers have high efficiency – up to 98% as speed can be varied to optimize efficiency according to conditions.
- The industrial disc skimmer is offered in a choice of sizes and drives to suit the application.

Disc skimmers are designed for operation in several types of oil from diesel for light fuel oil. Our KD range of skimmers all have floats built into the corners of the triangular frame. The triangular design ensure that oil can be drawn into the skimmer from all angles. The principle of the disc skimmer is that the oil adheres to the surface of the discs when they rotate through the oil layer floating on the surface of the water. It is then scraped off and drained into the sump where it is removed by the pump or by external suction pump.



TECHNICAL SPECIFICATIONS

Description of the system

The system, which is based on the adhesion skimmer principle, is developed for use to recover light to medium high viscous oils in industrial or marine application such as oil pits and ponds. It is designed with important features such as light in weight, high performance and simple maintenance.

Manufactured from modern materials rigid heavy duty PVC disc and Teflon scrapers are utilized for minimal weight and simplicity of replacement and scraping. The scraper assembly is easily removed for blade replacement.

Material of construction

The KDB disc skimmers are designed with floats in between which is placed a disc bank. The basic frame and float is made from seawater resistant aluminium. Behind the disc bank with scrapers is placed a sump tray for collection and pumping away recovered oil. This tray forms at the same time a barrier preventing the oil from escaping between the floats. For marine use external floats may be mounted on outrigger arms. This is to ensure stability in high waves.

Technical Data	KD 18	KDB 22	KD 50
Design / material	Triangular with built in floats in the 3 corners. All marine grade aluminium frame and floats Teflon scrapers mounted on aluminium frame		
Recovery rate or capacity	12 m3/h	Up to 22 m3/h with 30 discs	up to 50 m3/h with brushes
Discs size and number	18 x Ø295 mm, discs in 3 banks	30 x Ø295 mm placed in 3 banks	45 x Ø495 mm placed in 3 banks
Built in pump	Rubber impeller	Rubber impeller or Helical screw pump	Helical screw pump
Power pack (minimum other power packs may be used)	7.4 kW Diesel	10 kW Diesel	25 kW or bigger Diesel power packs
External connection	2" Camlock outlet Hydr. quick connectors	3" Camlock outlet Hydr. quick connectors	4" Camlock outlet Hydr. quick connectors
Accessories	15m Hose set with floats Lifting sling	15m Hose set with floats Lifting sling	30 m Hose set hose reel is std. Lifting sling
Option	Hose reel, external floats		



KD – SKIMMERS

EEXII Manufacturing Sdn, Bhd
No. 32 Jalan Bagan Nira, 26/8,
Hicom Industrial Park,
Section 26, 40000 Shah Alam
Tel: 603-5192 2913 Fax: 603-5192 9913
Email : sales@eexii-manufacturing.com