

# Star Disc Midi

# VIKOMA

Protecting our environment over 50 years



Quality  
Reliability  
Innovation

A self contained oil skimmer ideally suited for heavy oil recovery

- A robust, aluminium skimmer
- Able to deal with floating debris
- Ideal for tough oil spill environments
- Designed to require minimal maintenance
- Recovery: Up to 98% oil content, just 2% water



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Star Disc Midi recovers high viscosity oil at a rate of up to 25m<sup>3</sup> per hour. The robust aluminium construction and fenders make this skimmer suitable for the most challenging conditions.

The skimmer can handle floating debris due to its hinged disc bank and ability to run in reverse. Smaller debris can pass through the discs and is collected in a grill above the sump without affecting the operation of the skimmer.

### Star Disc Module:

The Star Disc developed by Vikoma, recovers heavy viscous oils combining the principles of disc skimming with mechanical action to lift viscous oil over a weir and into a sump to be carried away by a powerful transfer pump.

The unique action of the star disc creates a flow of oil towards the skimmer and can pick up the oil's as a continuous sheet. The serrated disc edges claw into thick oil and pull it into the skimmer. Free water pick up is minimised, making this skimmer the most efficient type of skimmer available on the market.

### Brush Module:

The duplex option allows it to be used as either a star disc or brush skimmer. In brush mode it recovers lower viscosity oils.

### Complete System:

This comprises of the heavy oil skimming head, lobe pump, power pack and hose kit with a hose reel for storage of the hoses.

The modular construction of the skimmer allows for easy transportation over rough terrain. The disc bank and the lobe pump can both be removed from the body of the skimmer to enable the three separate modules to be carried by two people. The lobe pump can be used separately

from the skimmer for use as an off-loading pump.

A water injection system is available as an option, to facilitate the flow of oil within the recovery hoses.

### Product Benefits:

- Efficient recovery of high viscosity oils
- Recovers oil at up to 25m<sup>3</sup>/hr with up to 98% oil to water ratio
- Robust aluminium construction
- Modular for easy transportation

#### Maximum Recovery Capacity

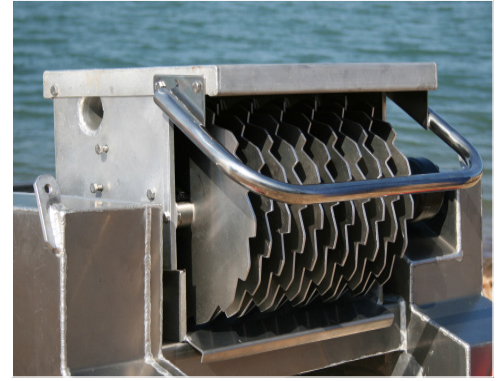
25m<sup>3</sup> per hour

#### System Components

Star Disc Midi Skimmer Head with demountable Lobe Pump.  
Diesel Hydraulic Powerpack.  
Hose Kit.  
Star Disc, brush or interchangeable modules

#### Optional Extras

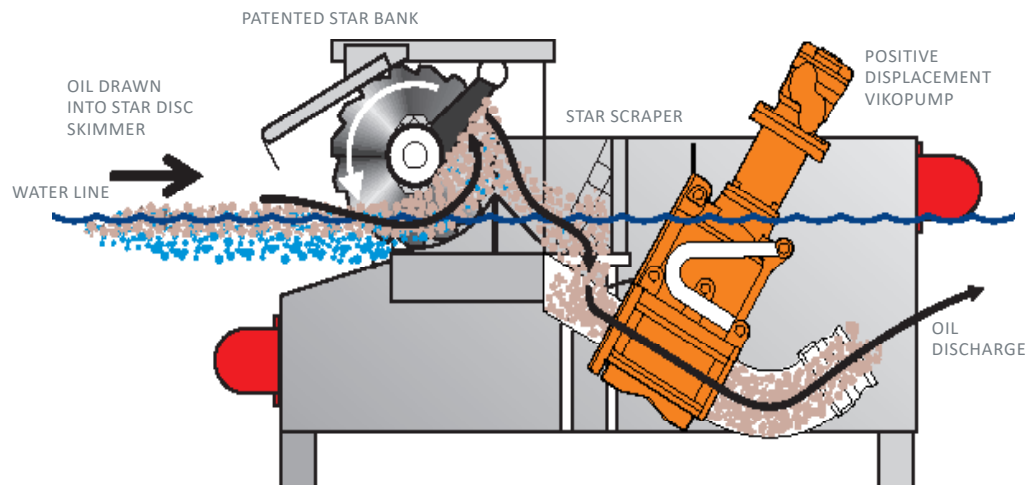
Water injection system for very high viscosity oil.  
Powerpack also available with electric start, and with additional safety features, spark arrester and automatic overspeed shutdown.



Star disc skimming module



Brush module in skimmer (Maxi version)



Disc module oil flow