

SELF-ADJUSTING WEIR SKIMMER KWS-20



DESCRIPTION

A light weight high capacity weir skimmer equipped with self-adjusting weir lip giving 360° access, and a centre float to keep the skimmer stable in waves. The rubber bellows and the main frame manufactured from marine grade aluminium create the oil collection sump.

Its low draught allows the skimmer to operate on shallow water.

The self-adjustable weir lip is manufactured from oil resistant neoprene rubber and has a built in fibreglass float on top. The weir lip principle ensures that the operator is in control of the flow of oil/water into the skimmer. If the oil layer is thick the pump can run faster and the weir lip will go down and allow more oil in. In thin oil layers, just run the pump slowly and the weir lip will adjust itself upwards and restrict the flow into the skimmer.

The external diesel driven diaphragm pumps have a capacity of 10 or 21 m³/h. It can handle all types of oils and be used as a water/trash pump too, as it can handle debris up to 38 mm size.

The KWS-20 may also be used with a vacuum truck.

Storage option in aluminium box.



TECHNICAL SPECIFICATIONS

TECHNICAL DATA

Nameplate capacity	21 m ³ /hour with 3" diaphragm pump (10m ³ /hour with a 2" pump)
Inlet Weir	Self-adjusting GRP weir lip, neoprene rubber bellows – Ø800 mm (31")
Operating Draft	20 cm/8"
External Pump	2" or 3" diaphragm pump driven by 4.7 hp Yanmar diesel engine,
Discharge pressure/suction	3 bar / minimum 6m suction lift
Max Solids Size	38 mm
Pump Discharge	2" or 3" stainless steel, male camlock connector
Dimensions skimmer head	Ø 0.80 x 0.5 m, weight 18 kg
Floatation	Centre HDPE float volume 20 litre, filled with polyurethane foam
Hose set 12 m	1 x 1" x 12m oil resistant suction hose complete with camlock connectors and 5 hose floats 1 x 2" x 12m lay-flat discharge hose.



KWS-20 system

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