

SELF-ADJUSTING WEIR SKIMMERS KWS-20 and KWS-30



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 will adjust itself upwards and restrict the into the skimmer

The external diesel driven diaphragm pumps have a capacity of 10, 21 or 30
It can handle all types of oils and be as a water/trash pump too, as it can handle debris up to 38 mm size, but Spate 75 only 6 mm debris

The KWS-20/30 skimmer may also be with a vacuum truck

Storage option in aluminium box



lip
flow

m³/h.
used

with

used

TECHNICAL SPECIFICATIONS

Nameplate capacity	30 m ³ /hour with 3" Spate 75C diaphragm pump (10/21m ³ /hour with a 2"/3" pump)
Inlet Weir	Self-adjusting GRP weir lip, neoprene rubber bellows – Ø700 mm (28")
Operating Draft	20 cm/8"
External Pump	2" (11m ³ /hour) or 3" (21m ³ /hour) pump capacity diaphragm pump driven by 4.7 hp single cylinder air cooled diesel engine
Discharge pressure/suction	3 bar / m suction lift of pump 6 – 8 m
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 20 kg
Floatation	Centre HDPE float volume 20 litre, filled with polyurethane foam
Hose set 12 m	1 x 2" or 3" x 12m oil resistant suction hose with camlock connectors and 5 hose floats 1 x 2" or 3" x 12m lay-flat discharge hose. Other lengths on request.



KWS-20/30 system

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