

WEIR SKIMMER KWS-490



DESCRIPTION

A lightweight high capacity weir skimmer with a high performance helical screw pump, equipped with self-adjusting weir lip and 3 detachable HDPE outrigger floats for increased stability in waves.

The sump and float arms are manufactured from stainless steel for long life in a marine environment.

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 GRP 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 helical screw pump can handle all types of oils that can enter over the weir and with the precision made pump housing made of heat treated aluminium and the stainless steel impeller. The hydraulic motor drives the

pump that can easily be detached by loosening 4 bolts and be used as a submersible oil transfer pump.

The minimum required power to operate the skimmer is the 16 kW
For full capacity 25 kW



TECHNICAL SPECIFICATIONS

TECHNICAL DATA

Name plate capacity	100 m ³ /h.
Max Discharge Pressure	6 bar
Capacity at 3 bar pressure	65 m ³ /h
Inlet Weir	Self-adjusting weir lip, neoprene rubber
Buoyancy	3 outrigger floats - total 110 ltr
Operating Draft	0.3 m
Weight With Pump	approx 85 kg
Onboard Pump	4" helical screw pump
Max Solids Size	38 mm
Pump Discharge	4" Camlock male connector
Hydraulic Demand	49 liter/minute @ 170 bar
Hydraulic Connectors	1 x 1/2" Aeroquip pressure 1 x 3/4" Aeroquip return 1 x 3/8" Aeroquip drain
Dimensions	2.0 x 2.0 x 1.0 m with outrigger floats
Hose set 30 m	1 x 4" lay-flat oil resistant rubber hose with camlock connectors St. steel wire for relief of tension in hoses 1 x 1/2" Hydraulic pressure 1 x 3/4" Hydraulic return 1 x 3/8" Hydraulic drain 10 x hose floats 1 x hose reel

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