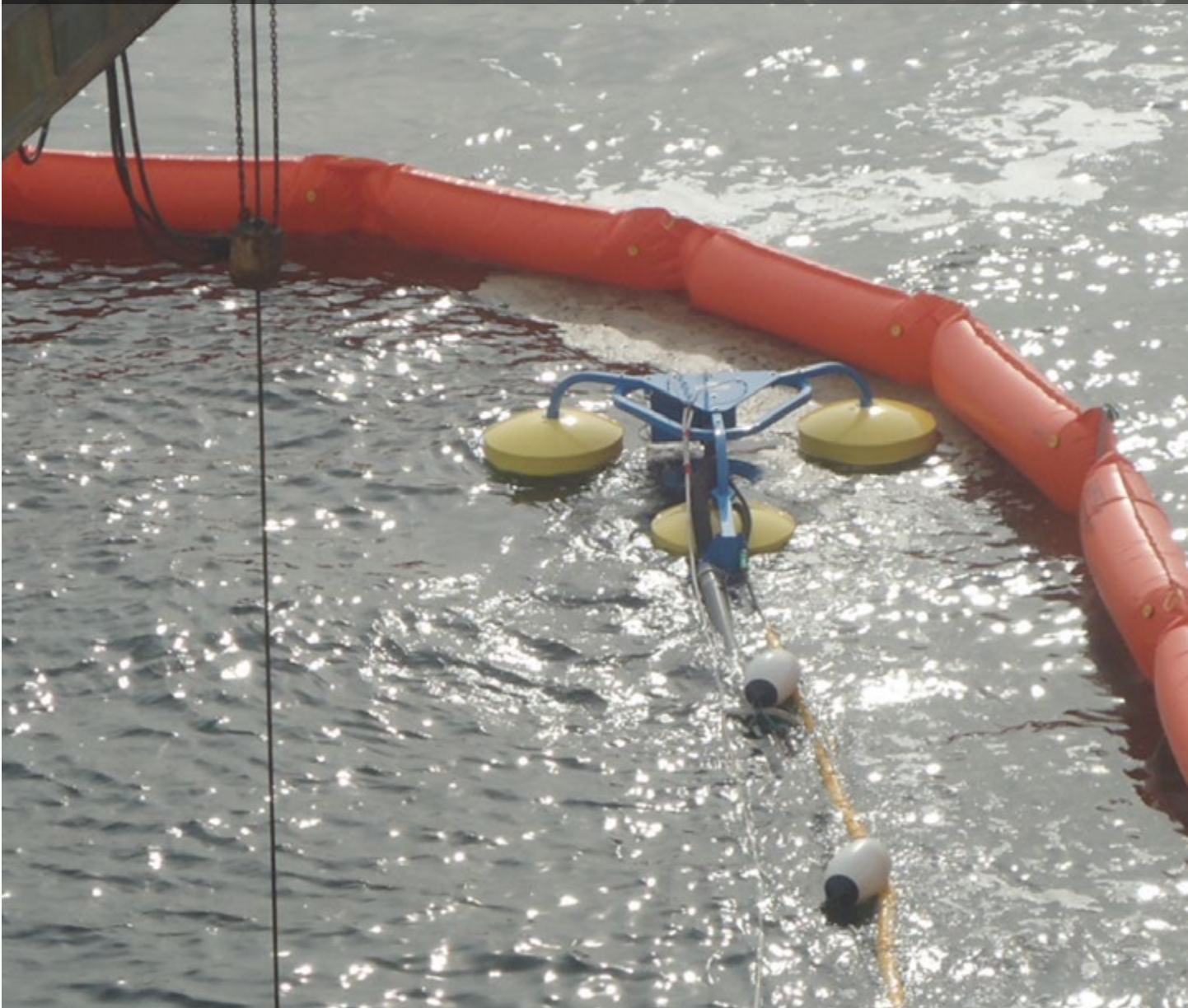


ELASTEC

OceanSkater

Self-Adjusting Weir Skimmer



Oil Spill Equipment | Floating Barriers | Incinerators

Skimmer Head Specification

Dimensions:	145 x 145 x 40 inches / 3.68 x 3.68 x 1.02 m
Draft:	11 inches / 0.28 m
Weight without Hoses:	413 lb / 187 kg



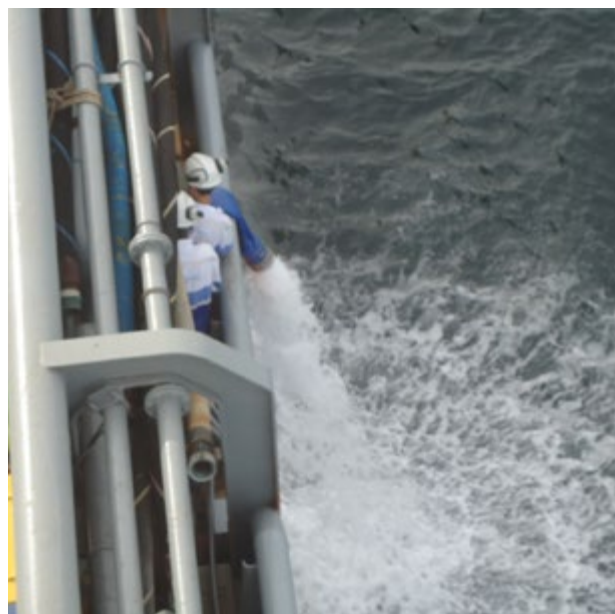
An ultra high capacity Weir skimmer system comprising of skimmer head with lightweight pump, diesel hydraulic power unit, hydraulic and discharge hose, hose reel and hose floats.

The OceanSkater self-adjusting weir skimmer represents a significant step forward in weir skimmer design. Conventional weir skimmers typically have the float frame under the skimmer while the unique OceanSkater has it above to reduce draft. The OceanSkater has large diameter floats to increase the water line beam, combining with a lightweight design, results in a new generation of weir skimmers with unparalleled responsiveness to wave movements. The high buoyancy to weight ratio limits drastic changes in draft due to skimmer loading. The unique tubular aluminum frame is constructed with a triangular rigid member to increase the impact resistance and strength of the skimmer. The OceanSkater is ideal for offshore and near shore operations due to shallow draft and lightweight construction. The high buoyancy to weight ratio also enables this skimmer to be used in open waters. The arms disconnect for shipping and storage.

The bellows in the self-adjusting weir assembly are fabricated using oil and chemical resistant XR5 fabric. This fabric is superior to rubber bellows and offers greater resistance to solvents often found in petrochemical installations. Supplied with towing assembly.

The OceanSkater is fitted with a removable high capacity salvage pump that can fit in a Butterworth hatch. This pump requires minimal maintenance and parts. This pump is capable of handling oil water mixtures as well as running dry. Pump weight is only 59lbs/27kg and is easily removed for other pumping operations.

The system is supplied with a hydraulic power unit with a 99hp / 74kW diesel engine and 12 Volt electric start. Mounted in a steel skid frame with lifting bracket. Power unit features variable speed control, hydraulic filter, fluid level and temp gauges, tank top filler/strainer.

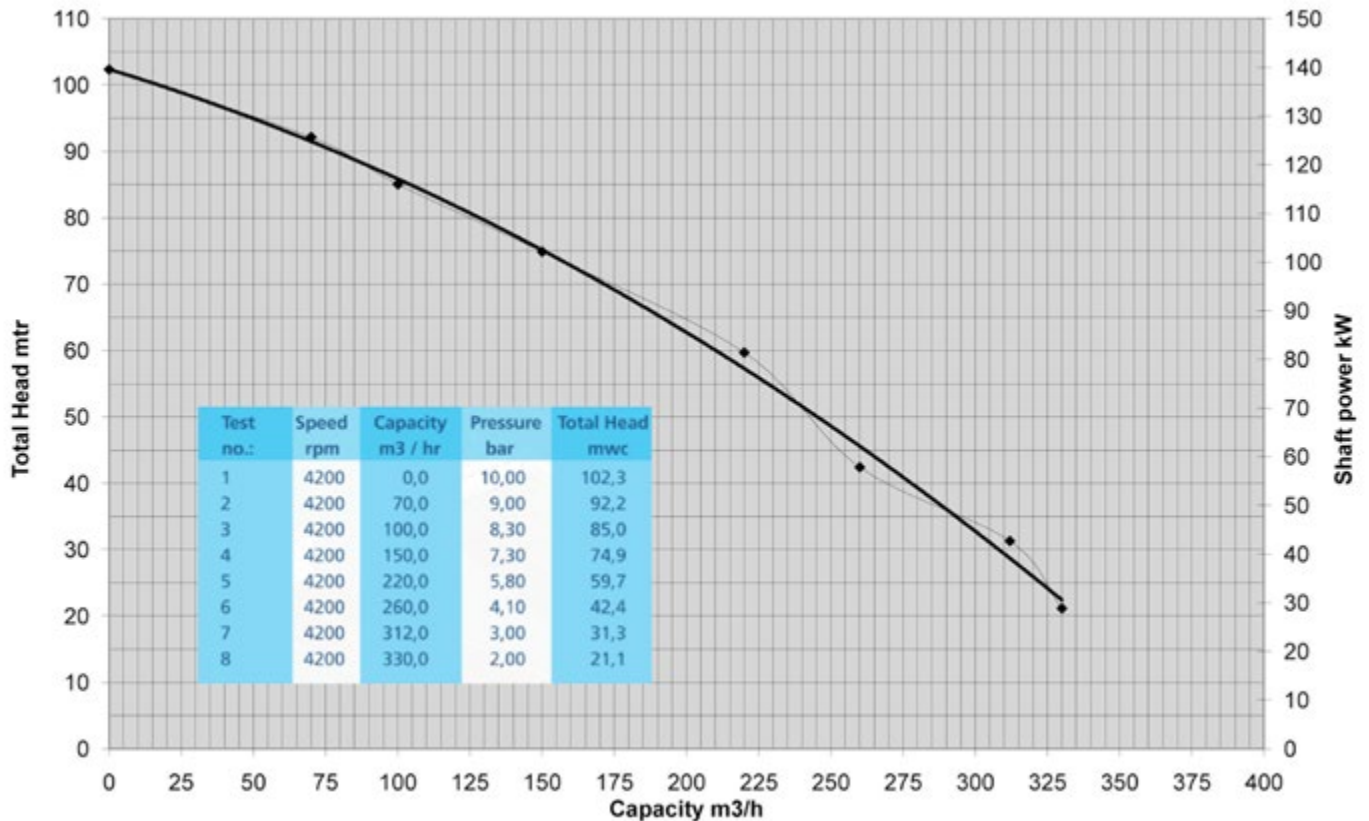
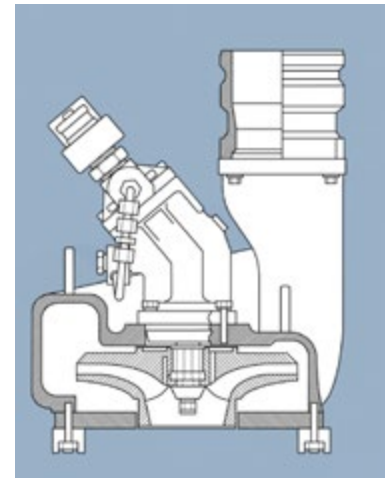


Pump Specification

Pump:	High Capacity Salvage
Capacity:	1,300 gpm / 300 cu.m/hr
Materials Casing:	Seawater Resistant Aluminum
Impeller:	Composite
Hydraulic Motor:	Axial Piston
Hydraulic Pressure Requirement:	4,500 psi / 320 bar maximum
Max Hydraulic Oil Flow Requirement:	31 US gpm / 120 l/min
Discharge Connection:	4 inch / 100 mm
Max Outer Diameter:	298 mm, fits through 12.5 inch standard Butterworth hatch
Height:	19.3 inch / 490 mm
Weight:	59 lb / 27 kg

Pump Performance Curve

Max discharge pressure - 10 bar / 145 psi
Max flow rate - 300 cu.m/hour / 1,320 gpm
Duty point A - 300 cu.m/hour @ 3.5 bar / 1,320 gpm @ 50 psi
Duty point B - 220 cu.m/hour @ 6 bar / 968 gpm @ 87 psi



Power Unit Specification

Engine:	4-Cycle Liquid Cooled 4-Cylinder Diesel, Turbocharged. Emission Regulation Tier 3 / Stage IIIA
Gross Intermittent Output:	74 kW / 99 hp
Max Hydraulic Flow:	31 gpm / 117 lpm Variable Flow Control
Frame:	Skid Mount with Lifting Bracket
Hydraulic Tank:	58 gallons / 219 litres Spin on return filter, fluid level and temp gauges, tank top filler/strainer.
Fuel Tank:	36 gallons / 136 litres
Hydraulic Connections:	Stainless Steel Quick Couplings
Lifting:	Central Lift Point, Fork Pockets
Dimensions:	83 x 31 x 69 inches / 2.11 x 0.79 x 1.75 m
Weight:	2,000 lb / 907 kg

The D100 is a compact but powerful diesel driven hydraulic power unit for operating a range of equipment. Typically it is packaged with the Ocean Skater skimmer

It features a quiet running water cooled electric start diesel engine mounted in a steel cage frame fitted with controls.

Four large anti-vibration feet are installed at the corners of the frame. The open style allows excellent access for maintenance. Fork pockets and central lift point.

A large capacity fuel tank is installed in the base of the frame. The hydraulic tank is mounted above the hydraulic pump and fitted with level / temperature gauge, filter and filler/strainer.



OPOWEKU399

Hose Set Specification

60 ft / 18 m of 6 inch / 150 mm Discharge Hose with Camlock Fittings
50 ft / 15 m of Hydraulic Hoses with Detachable Hose Floats

Aluminum Hose reel for storage of skimmer hoses. Fitted with two independently rotating spools, each fitted with a lock. Central lift point, fork pockets.

Capacity:	Up to 30 m / 100 ft of Elastec Skimmer Hose Sets
Dimensions:	38 x 48 x 57 inches / 0.97 x 1.22 x 1.45 m
Weight (Empty):	236 lb / 107 kg
Weight (Full):	420 lb / 190 kg
Optional:	Reel Fabric Cover, Spares



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