

ELASTEC

SeaSkater

Self-Adjusting Weir Skimmer



Oil Spill Equipment | Floating Barriers | Incinerators



The SeaSkater self-adjusting weir skimmer represents a significant step forward in weir skimmer design. Conventional weir skimmers typically have the float frame under the skimmer - the unique SeaSkater has it above to reduce draft. SeaSkater has large diameter floats to increase the water line beam, combined 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 aluminum frame is constructed with a circular rigid member to increase the impact resistance and strength of the skimmer. The SeaSkater is ideal for near shore or inland 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.

This skimmer can be fitted with our ES400 Screw Pump, E150 Submersible Pump or set up for an external suction pump or vacuum (supplied separately).



SeaSkater with
ES400 Screw Pump



SeaSkater with
E150 Submersible Pump



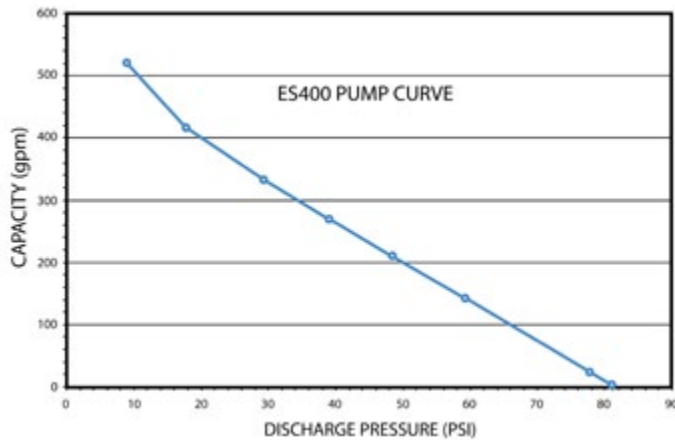
SeaSkater with
External Suction Connection

Optional Extra

Hose reel, spares kit, rigid discharge hose, tracks for towing the power pack on soft ground.

SEASKATER WITH INTEGRAL ES400 PUMP SPECIFICATION

In this configuration the SeaSkater is fitted with our 4 inch ES400 helical screw pump that requires minimal maintenance and parts. This pump is capable of handling heavy oils with solids up to 1 1/2" (38mm) as well as running dry without damage. Pump weight is only 47 lbs / 21kg and easily removed for other pumping operations. Vertical and horizontal discharge ports are provided. The skimmer is supplied with towing assembly.



4PUMPS415

The Standard SeaSkater system comprises;

Skimmer head with ES400 Screw Pump, diesel hydraulic power pack, hydraulic and discharge hose, hose floats.

Skimmer Head fitted with Crash Frame

Weight:	230 lb / 105 kg with pump
Dimensions:	90 inch diameter x 28 inch / 2.28 m diameter x 0.71 m
Capacity:	510 gpm / 118 cu. m/hr
Max Discharge Pressure:	81 psi / 5.6 bar
Solids Handling:	1.5 inch / 3.8 cm
Discharge:	Vertical and horizontal 4 inch male camlock
Lighting Point:	Certified wire loop

Power Unit

22 hp / 16 kW water cooled diesel engine with 12 volt electric start, fitted with two hydraulic circuits.

Hose Set

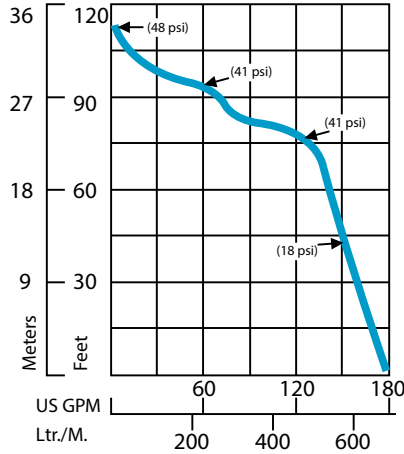
60 ft / 18 m of 4 inch / 100 mm Layflat Discharge Hose with Camlock fittings.

50 ft / 15 m of hydraulic hoses and hose floats.



SEASKATER WITH INTEGRAL E150 PUMP SPECIFICATION

In this configuration the SeaSkater is fitted with our E150 Submersible Pump that requires minimal maintenance and parts. This pump is capable of handling heavy oils with solids up to 3/4 inch (19 mm). This portable and versatile all purpose pump may also be used for bilge pumping, job site dewatering and transferring oil from barges, bladders and other temporary storage devices.



Skimmer Head fitted with Crash Frame

Weight:	188 lb / 85 kg with pump
Dimensions:	90 inch diameter x 28 inch / 2.28 m diameter x 0.71 m
Capacity:	180 gpm / 40 cu. m/hr
Max Discharge Pressure:	48 psi / 3.5 bar
Solids Handling:	3/4 inch / 19 mm
Discharge:	Vertical and horizontal 4 inch male camlock
Lighting Point:	Certified wire loop

Power Unit

10 hp / 7.4 kW water cooled diesel engine with 12 volt electric start, fitted with two hydraulic circuits.

Hose Set

60 ft / 18 m of 4 inch / 100 mm Layflat Discharge Hose with Camlock fittings.

50 ft / 15 m of hydraulic hoses and hose floats.



1309 West Main St.
 Carmi, Illinois 62821, USA
 +1 (618) 382-2525
www.elastec.com elastec@elastec.com