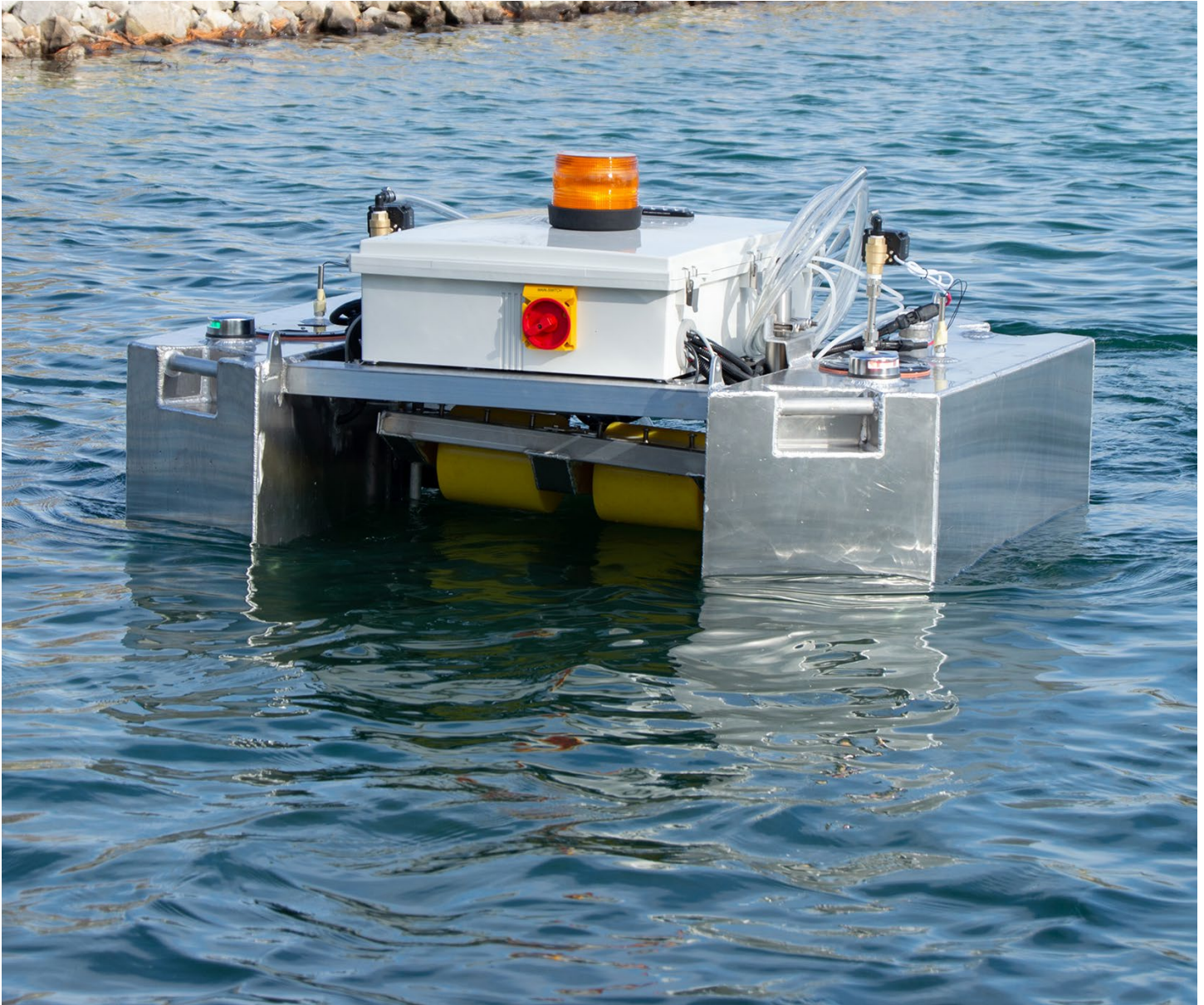


ELASTEC

# RC Skimmer

Remote Control Drum Skimmer



The Elastec RC Skimmer is a remotely controlled, self-propelled drum skimmer, that can navigate at speeds of up to 2 knots to the spill site. It can be deployed in confined spaces- under docks or between ships for example, where conventional skimmers have difficulty accessing. Once the RC skimmer is on site, the drum module is lowered into the water and skimming commences. Suitable for recovering light oils, the skimmer is capable of recovering up to 2 gpm with very little water.



#### Remote Control Functions:

- Lower and lift the drum skimmers (for traversing to location)
- Skimmer drum speed
- Thrusters (left and right)
- Pump
- Pump manifold (3 modes)
- Light bar

The system is supplied with a handheld remote controller and charger. An orange flashing light is placed on top of the skimmer for visibility. The frame is fitted with wheels and handles to aid movement on land. It has four lifting points so it may be handled by forklift or crane.



The on board pump is fitted with a valves that can also be controlled remotely to direct recovered oil in three ways; Skimmer discharge, skimmer to tank, and tank to tank.



The RC Skimmer can also be used to tow small oil booms or absorbents.

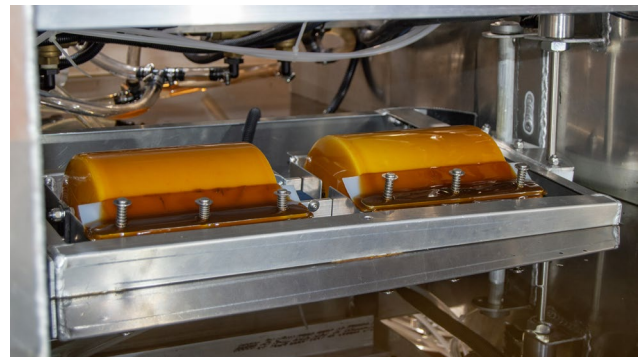
## Specification

Dimensions:	51 x 52 x 43" / 1.2 x 1.3 x 1 m (approx.)
Empty weight:	265 lbs / 120 kg
Full weight:	360 lbs / 163 kg
Oil recovery tank capacity:	11 gallons / 41 liters
Top speed for skimmer system with empty tank:	2 knots
Maximum pump head:	80 ft at 2 gpm / 24 m at 9.5 lpm
Remote control range:	Approximately 650 ft / 200 m
4 x thrusters	
2 x 12v sealed lead acid batteries with charger	
Sealed enclosure for controller managing power distribution, pump and skimmer, thrusters and voltage	
Navigation lights	
Orange strobe light	
Blue LED indication lights (out of range/tank full)	
Light strip	

## Testing Results - Recovery Rate

Oil:	Hydrocal 300	Diesel
Test 1:	1.74 gpm / 6.6 lpm	0.5 gpm / 1.9 lpm
Test 2:	1.86 gpm / 7.0 lpm	
Test 3:	2 gpm / 7.5 lpm	
Average:	1.86 gpm / 7.0 lpm	0.5 gpm / 1.9 lpm
Best:	2 gpm / 7.0 lpm	0.5 gpm / 1.9 lpm

Complete test data available upon request



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