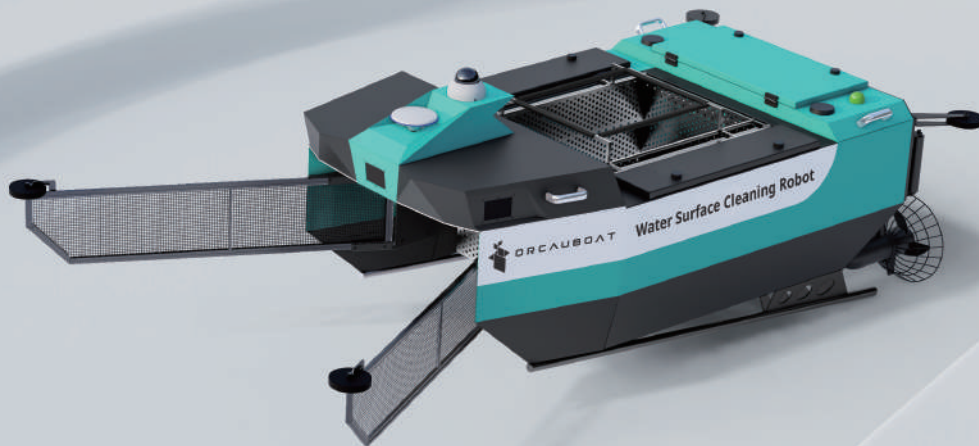


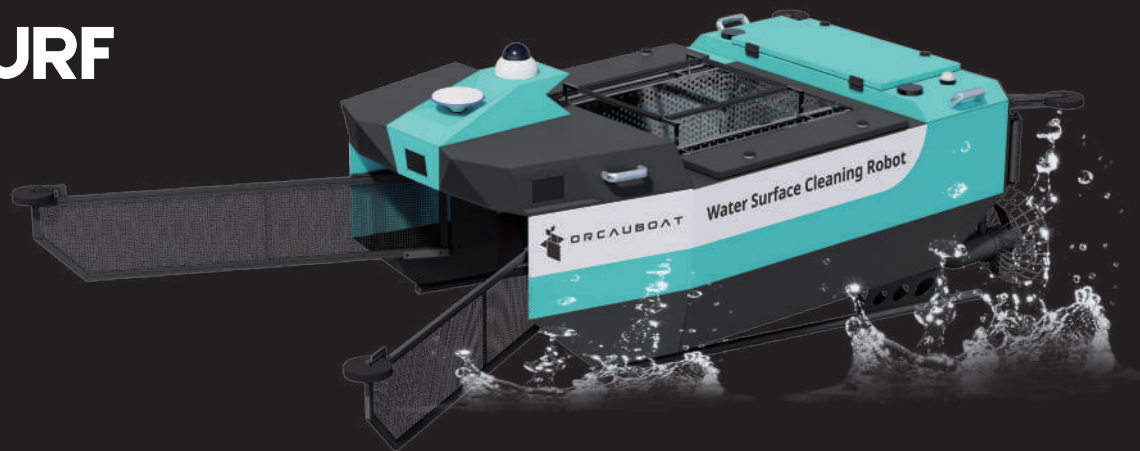
SMURF

Water Surface Cleaning Robot



Better Self-driving. Better Water Bodies.

SMURF



With its high work efficiency and various functions, SMURF facilitates water body maintenance and management for sustainability.



Water Surface Cleaning



Water Quality Monitoring



Water Sampling



Security Patrol



Research & Education

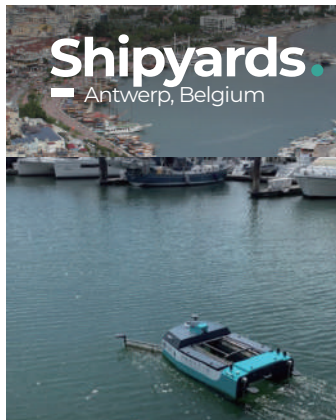


Customized Services



Marinas

— Barcelona, Spain



Shipyards

— Antwerp, Belgium



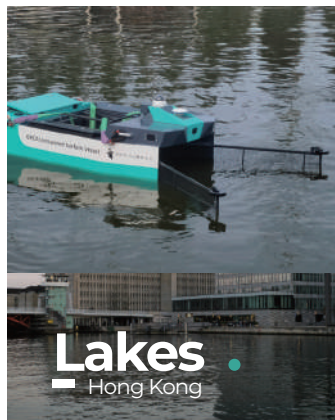
Rivers

— London, United Kingdom



Canals

— Singapore



Lakes

— Hong Kong



Reservoirs

— Saudi Arabia

Scenarios

cases

SMURF is ideal for harbors, rivers, canals, reservoirs, lakes, coastlines, and more.

clean

Advantages



Human Led Initiatives

It improves work conditions by avoiding risks in water body operations.

Cost Reduction

Its cleaning cost accounts for 30% to 40% of manual cost, a cost reduction by 60% to 70%.

Efficiency Improvement

1 SMURF can effectively clean a water area of 15 acres.

Zero Emission

It is designed to be carbon neutral, operating on battery power without emitting pollutants.

Easy to Use

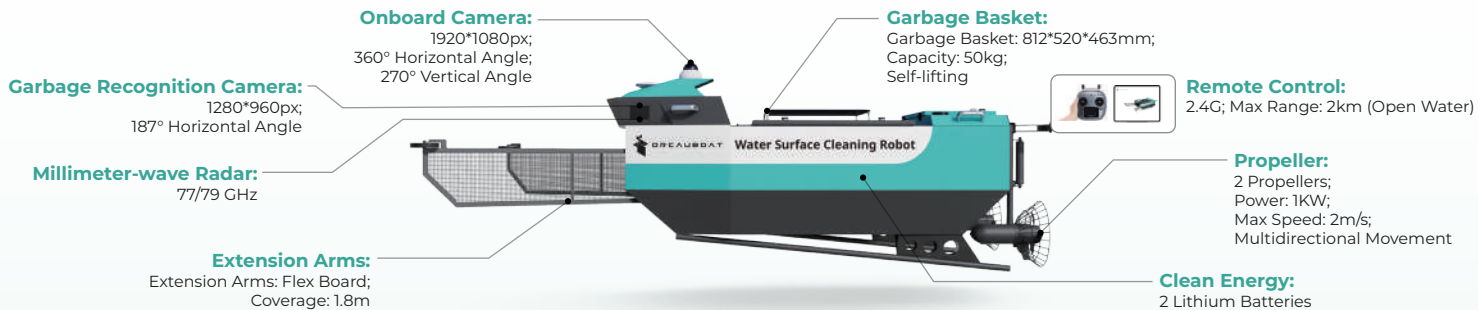
This standardized product comes with a SOP and does not require a license.

Rich Cases

The products have been deployed in 10+ countries, spanning 50+ cities, covering 100+ water bodies, with a total mileage of 650,000+ kilometers.

Promising Future

Water surface cleaning robots represent the future of green technology, revolutionizing the maintenance of water bodies.



Features



Autonomous Driving:
Self-developed Algorithms



Obstacle Avoidance:
Max Range: 30m



Connectivity:
5G; 4G; GNSS; RTK

Specifications

Hull Size:	2921*1763*1080mm		
Material:	Aluminum Alloy	Maximum Speed:	2.2m/s
Weight:	155kg	Charging Time:	7h
Capacity:	50kg	Battery Runtime:	6-8h
Draft Depth:	0.47m	Maintenance Area:	15 Acres
Operation Speed:	0.8-1m/s	Dustproof & Waterproof Design:	IP65

Optional Parts



Online Monitoring Platform



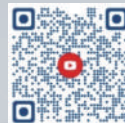
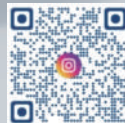
Charging Pile



Intelligent Charging Dock



Water Quality Sensors
(COD, Ammonia Nitrogen ,
Chlorophyll , Blue-green algae)



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