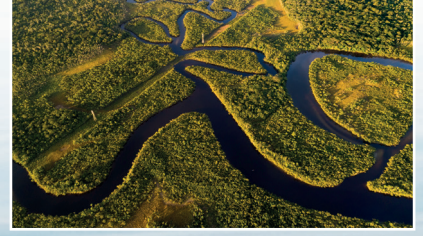


# SMARTIUM

Clean



[www.kocsavunma.com.tr](http://www.kocsavunma.com.tr)



KocSavunma

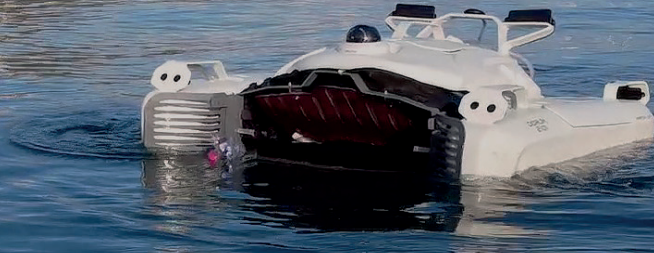


koc-bilgi-ve-savunma-teknoloji



Koç Bilgi ve Savunma Teknolojileri A.Ş.





## Smartium Clean For Surface Water ;

- Marinas
- Bays
- Beaches
- Beach bands
- Fishing shelters
- Lakes/ponds
- Water basins
- Rivers and inland waters
- Pools



## Cleans;

- Solid wastes (pet bottles, plastic wastes, plastic bags, other floating suspended wastes, etc.)
- Mucilage
- Natural debris (dry branches, reeds, moss, etc.)
- Oil, fuel oil leaks

- **Zero emission electric propulsion (Eco-Friendly)**
- **Autonomous or remote control operation**
- **Easy-to-change garbage net cassette options**
- **Collision avoidance sensors**

## Technical Specifications

Dimensions	850 x 950 x 530 mm (G x U x Y)
Weight	~40 kg (Max.)
Battery Capacity	3 hours
Speed	2 kts (Max.)
Operation Conditions	Sea state 2 (Max.)
Driving System	2 x DC brushless ESC controlled motors 2 x Ø95 Cm 4-blade protected propeller
Surface Cleaning Capacity	1000 m <sup>2</sup> /hr (1 kts average speed)
Control Distance (open area)	1000 m (Min.- Antenna coverage)
Control Distance (inside marina etc.)	300 m (Min.)
Control	Camera supported remote control Autonomous ready (with software upgrade)
Garbage Net Cassette	Adaptable to special needs, easy to change
Video Recording (Photo&Video)	Yes
Battery	On duty charge adapter and plug-in battery replacement
Collision Avoidance System	4 ultrasonics anti-collision sensors
Body	Composite
Safety Precautions	<ul style="list-style-type: none"> <li>• Fully water resistant superstructure</li> <li>• Wave and rain safe puncture - proof</li> <li>• Propeller protection</li> </ul>
Propeller Protection	Garbage blocker fence
Modularity	Suitable for customization according to different usage purposes



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