

WES-TECH
MARINE ENVIRONMENTAL
RESPONSE SOLUTIONS

Rapid Response. Efficient Recovery. Cleaner Oceans.

Professional Equipment for:
Oil Spill Response
Oil Recovery
Marine Environmental Protection
Floating Debris Recovery

CONTACT US

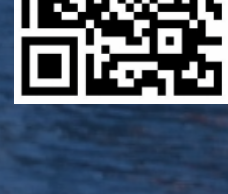
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Table of Contents

- Company Profile
- Our Core Technology
- Product Portfolio
- Remotely Operated Skimmer
- Oil Spill Recovery Boat
- Intelligent & Autonomous Operations
- Oil Boom Deployment Boat
- Rapid Containment Solutions
- Amphibious Boat
- Oil & Chemical Absorbent
- Pvc Oil Containment Booms
- Oil Absorbent Felt
- Oil Spill Monitoring
- Underwater Robots
- Oil Spill Drills And Emergency Response

ABOUT SEAFOIL SYSTEMS
THE FUTURE IS CLEAN.

Seafoil Systems develops oil spill recovery equipment and water-surface collection solutions for environmental protection and emergency response applications. The product range is designed around practical operation, rapid deployment and multipurpose surface recovery.

- R&D & MANUFACTURING
- MULTIPURPOSE SKIMMERS
- OIL SPILL RESPONSE
- CUSTOMIZED SOLUTIONS

SEAFOIL SYSTEMS | MARINE OIL SPILL RESPONSE SOLUTIONS

OUR CORE TECHNOLOGY

Negative Pressure
Oil Recovery
Technology

Seafoil Systems utilizes an efficient negative pressure recovery principle for collecting floating oil and marine surface pollutants.

Key Advantages

- Effective recovery of light oil and thin oil layers
- Suitable for different oil viscosities
- Reduced need for frequent replacement of recovery heads
- Simultaneous recovery of floating debris and oil-absorbent materials
- Flexible operation in ports and coastal waters



REMOTELY OPERATED SKIMMER

Rapid Response.
Remote Operation.

The Seafoilsystems Remotely Operated Skimmer is designed for rapid deployment and efficient recovery of floating oil and marine debris.

Applications

- Oil Terminals
- Ports
- Harbors
- Rivers
- Coastal Waters
- Industrial Facilities

Key Features

- ✓ Remote Control Operation
- ✓ Rapid Deployment
- ✓ Negative Pressure Recovery Technology
- ✓ Suitable for Floating Oil Recovery
- ✓ Floating Debris Collection
- ✓ Compact and Flexible Design

Technical Highlights

Item	Specification
Diameter	4.3/5.5/6m
Recovery Principle	Negative Pressure
ORR(m ³ /h)	13-55
Optional Function	Autonomous Navigation
Propulsion Options	Gasoline/Electric/Diesel
remote control distance	≤400m

Note: ORR depends on the operation speed, the viscosity of the oil, the thickness of the oil layer, and the environmental conditions.



OIL SPILL RECOVERY BOAT

Professional
Response Vessel

The Oil Spill Recovery Boat is designed for rapid response and efficient recovery of floating oil during marine pollution incidents.

Features

- Integrated Oil Recovery System
- Onboard Temporary Oil Storage
- High Recovery Efficiency
- Suitable for Port and Coastal Applications
- Customizable Equipment Configuration

Optional Equipment

- ✓ Temporary Storage Tank
- ✓ Oil Boom Equipment
- ✓ Dispersant Spray System
- ✓ Crane
- ✓ Remote Monitoring System
- ✓ Autonomous Navigation System



Technical Highlights

Product Name	Model	ORR (m ³ /h)		Motor Power	Option
		1.5kn	3kn		
OIL SPILL RECOVERY BOAT	SFS-750D	69.5	138.9	60hp	□Power □Electric / Diesel/ Gasoline
	SFS-940D	83.4	167	2*60HP	
	SFS-1000D	83.4	167	1*270HP	
	SFS-1200D	97.2	194.5	2*270HP	

Note: ORR depends on the operation speed, the viscosity of the oil, the thickness of the oil layer, and the environmental conditions.

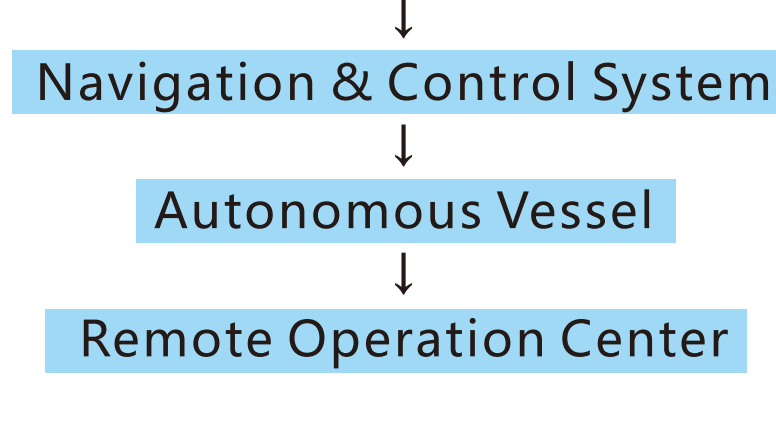
INTELLIGENT & AUTONOMOUS
OPERATIONSSmart Response
Technology

Seafoil Systems can integrate intelligent navigation and autonomous operation technologies for advanced marine response applications.

System Capabilities

- Autonomous Cruising
- Route Planning
- GNSS / RTK Positioning
- Remote Monitoring
- Obstacle Detection
- Electronic Geofencing
- Automatic Return
- Manual Takeover
- Emergency Stop

System Architecture



OIL BOOM DEPLOYMENT BOAT

Rapid Containment
Solutions

Designed for the rapid deployment and recovery of oil containment booms.

Features

- Fast Deployment
- High Maneuverability
- Suitable for Port Operations
- Integrated Boom Handling Equipment
- Customized Design Available

Optional Equipment

- ✓ Oil Recovery System
- ✓ Temporary Storage Tank
- ✓ Oil Boom Equipment
- ✓ Dispersant Spray System
- ✓ Crane
- ✓ Remote Monitoring System
- ✓ Autonomous Navigation System



Technical Highlights

Model	Maximum dragging capacity	Motor Power
SFS-1350T	3T	2*105KW

AMPHIBIOUS RESPONSE VEHICLE

Seamless Transition.
Rapid Response.

Equipped with four-wheel land mobility, retractable wheel systems and water jet propulsion, the vehicle seamlessly transitions between land and water, providing rapid and flexible response capabilities across complex environments.

Technical Highlights

Overall Size(L*W*H)	5590*1955*2215mm	minimum ground clearance	245mm
maximum laden mass	450kg	tractive tonnage	2000kg
Water-driven method	Engine-driven water jet propeller	engine power	150kw
Sailing speed on water	No load:50km/h loading 350kg:44km/h full load:17km/h	Land speed	85km/h



PREMIUM PROCLEANSORB OIL & CHEMICAL

Absorbent

It is meticulously selected from fine-sieved peat moss, made of pure natural plant fibers, without any pollution. Its chemical and physical properties are stable, with high absorption capacity. It can firmly lock oil molecules and prevent leakage. It can also absorb hundreds of substances including fuels, hydrocarbon solvents, and most chemical liquid products.

Technical Highlights

Product Code	Description	Weight/Size	Pack Size	MOQ
LF-7, 5L	Grass Paper Bag	7.5 Litre	6	1
LF-44L	Vapour-Lined Paper Bag	44 Litre	2	1
LF-44LHP	Vapour-Lined Paper Bag	44 Litre	1/2 Pallet 25 Bags	1
LF-44LP	Vapour-Lined Paper Bag	44 Litre	Pallet 50 bags	1



Absorbent EcoMats

Technical Highlights

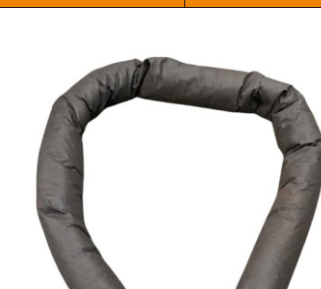
Overall Size(L*W*H)	Description	Weight/Size	Pack Size
EM-60	Small EcoMat	600x600mm	6 per box
EM-90	Medium EcoMat	900x900mm	4 per box
EM-1000SP	EcoMat Special	1000x600mm	4 per box



Absorbent EcoSocks

Technical Highlights

Product Code	Description	Weight/Size	Pack Size
LS-12	Small Sock	1200x65mm	6
LS-18	Medium Sock	1800x65mm	6
LS-24	Large Sock	2400x65mm	6
LCB-24	Containment Boom	2400x199mm	4



SOLID FLOAT PVC BOOM

The solid float PVC boom is an economical, universal boom for intercepting oil spills and other floats on waters. It is suitable for the permanent, stationary deployment on waters. Thanks to its fast deployment and easy operation, it is widely used on rivers, harbors, lakes, offshore oil platforms and other waters.

Features

- Made of the high strength fabric coated with orange PVC on its two sides, having excellent resistance to oil and ageing.
- The solid float have a large capacity of buoyancy and excellent wave riding and steadiness.
- The boom body is provided with a pulling rope, a strengthening ribbon and tensile ballast chains serving as elements to withstand forces and has high tensile strength.

Technical Highlights

Parameter	WGS600	WGS900	WGS1000	WGS1100	WGS1500
Overall height(mm)	600	900	1000	1100	1500



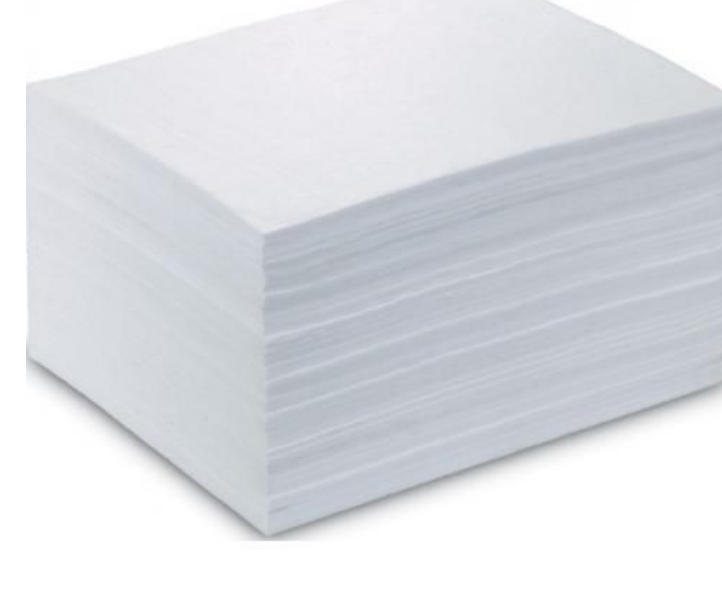
OIL ABSORBENT PADS

Oil absorbent pads is made from polypropylene, wrapped in treated polypropylene fibres or non-woven fabric with an extremely strong and durable outer layer. Fast oil absorption, large oil absorption (10 to 20 times of weight), the product can be reused after being twisted and extruded. It can be burned or mixed with fuel. This material also has the advantages of flame retardant, no dust, no storage limit time.

PP-2 general purpose, suitable for high viscosity oil, PP-1 is suitable for low viscosity oil.

Technical Highlights

Packing	sheet/package	Specifications(m)	Weight	Packing size	Bulk density
Textile	15	1*2*0.05	20kg/bag	1*0.5*0.45	89kg/m ³



OIL SPILL MONITORING

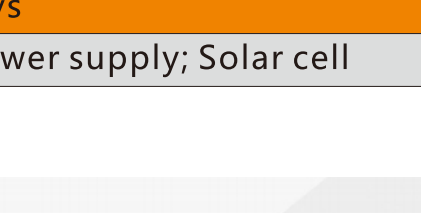
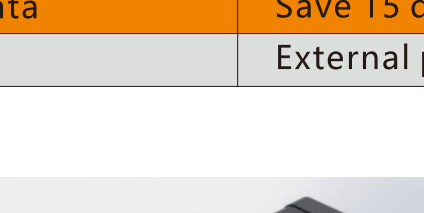
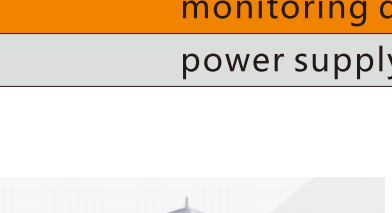
Product Features

Designed for the rapid deployment and recovery of oil containment booms.

- Remote non-portable detection
- Small and portable
- Oil pollution monitoring function
- Wireless data transmission
- Remote monitoring function
- Oil pollution identification function
- Expanded water quality monitoring function
- Easy to use

Technical Highlights

Index	performance index
detection range	0-500m (customized)
Oil film thickness	1μm-30mm (Related to oil species)
monitoring data	Save 15 days
power supply	External power supply; Solar cell



UNDERWATER ROBOT

Seamless Transition.
Rapid Response.

Underwater robot is a product specially developed for underwater search and rescue, underwater salvage, underwater reconnaissance, underwater scientific research and archaeology, Marine breeding and other fields. It is suitable for ocean, lake, river and other environments.

- Rated depth 200m
- Eight maintenance-free oil-filled thrusters, each with a thrust of 6.5kg
- 200m of neutral buoyancy cables
- 17-inch High-Brightness LED Triple-Screen Folding Display for ROV Control Console, with 1,000-nit Brightness and Manual Brightness Adjustment, Suitable for Indoor and Outdoor Operations.
- AC220V power supply, unlimited range
- Front and rear-view cameras with compact PTZ mechanisms; 2 MP effective resolution; real-time 1080P HD video transmission; underwater automatic defogging and shallow-water adaptive green-light suppression.

