



AGISTAR

CATALOGUE 2025

Cutting-Edge Innovation

AGISTAR leads in designing advanced robotic solutions for water management. From autonomous surface vehicles (USVs) to emergency technologies, our products combine state-of-the-art technology with reliability to address modern challenges.

Customizable Solutions

We understand that every client has unique needs. AGISTAR offers highly customizable robots tailored to specific applications, whether for environmental cleanup, rescue operations, or data collection, ensuring our solutions fit your exact requirements.

Sustainability and Efficiency

AGISTAR is committed to environmental protection and operational efficiency. Our robots are designed to reduce environmental impact, promote safety, and deliver exceptional performance with minimal maintenance and energy consumption.



AGISTAR is specialized in the development and distribution of innovative aquatic robots in France and internationally.

AGISTAR has set itself the goal of effectively responding to the new requirements and needs of the aquatic market. Its knowledge of the robotics world and its vast network of partners worldwide allow AGISTAR to always be one step ahead in meeting user needs.

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BX-USV

With its innovative design and limitless expansion capabilities, the AGISTAR BX-USV platform is perfectly suited for the development of advanced robotic systems and for missions where human presence is either unnecessary, costly, or unsafe, offering a low-cost, sustainable solution for various maritime tasks. The robot can be the ideal solution for different tasks such as scientific mission, surveillance, rescue or even transport of goods. Compact, small size, lightweight, autonomous and efficient, it integrates perfectly with the requirements of each project.

- Scientific Mission**
 - Data collection
 - Topography
 - Hydrographic Surveys
- Surveillance**
 - Coastal and Harbor Surveillance
 - Border Security
- Transport**
 - Food, Medical Kits, Lifebuoy, Tools, Drones
- Search & Rescue**
 - Supporting Lifeguard Efforts.
 - Disaster Response



- ✓ The USV can easily be customized either by you or by our team of engineers. Compact, small size, lightweight, autonomous and efficient, it integrates perfectly with the requirements of each project.
- ✓ Ideal for tasks in constrained environments like narrow canals, shallow waters, marinas, where larger vessels cannot operate effectively.



Easy Deployment



Live Data Streaming



Low Maintenance



Compact and Easy to Launch

SPECIFICATIONS

Autonomy	: 4 hours
Dimensions	: 830x532x300 mm (suitable for car trunk)
Hull Weight	: 5 kg
Speed	: 3 m/s
Number of thrusters	: 2
Load capacity	: 10 kg
Power system	: 2 x 12 Ah lithium batteries
Required water depth	: <0.1 m; draft 3~8 cm
Wind and wave class	: <strong breeze, <2 meters waves
Transmission	: 20 km
Power Supply System	: 2pc 12Ah lithium battery for low cruising; 40Ah for long cruising version.
Camera resolution	: 1080p FHD
Field of View	: 120°
Front Lights	: Dual 400 Lumens
Remote Control System	: Handheld remote control (can be equipped with mobile phone operation) or laptop wireless control.



AGISTAR CLEANER

The AGISTAR CLEANER provide an effective solution for waste collection and environmental preservation in various marine environments.

It can navigate into narrow or shallow waters where larger vessels cannot reach, making it highly effective for urban waterways, harbors, and lake shores.

Customized Solution

The robot can be customized to meet your unique needs and requirements.

Save Time and Effort

- Easy deployment
- Collects up to 10 kg of waste
- 3 different net mesh size

2 YEARS
Warranty

AGISTAR CLEANER S1 AGISTAR CLEANER PRO

- Video Export
- Charger
- 1080p Camera
- Collects up to 10 kg of waste
- 3 different net mesh size
- Manual Mode With Remote Control & Smartphone
- Automatic Detection And Collection Of Waste



SPECIFICATIONS

Autonomy	: 4 hours
Dimensions	: 830x532x300 mm (suitable for car trunk)
Hull Weight	: 6 kg
Speed	: 2 m/s
Number of thrusters	: 2
Load capacity	: 10 kg
Power system	: 2 x 12 Ah lithium batteries
Required water depth	: <0.1 m; draft 3~8 cm
Transmission	: 20 km





AGISTAR LIFE


The AGISTAR Life is a remote-controlled lifebuoy that combines drone technology with marine rescue applications. The operator simply throws the lifebuoy from a ship, pontoon or beach and manipulates the remote control to rescue the victim. Thanks to its fast speed, the lifebuoy reaches the victim, who then grabs the handles on both sides of the drone, and waits to be brought back to safety.

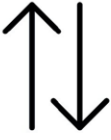


Waterproof Remote Control	The remote control is IP68 waterproof to avoid any unexpected damage.
Smart Unlock	The AGISTAR Life is unlocked by default when powered on.
Automatic Return	The drone features an intelligent automatic return in case of loss of contact
Powerful Rescue Equipment	It can operate at a maximum speed of 18 km/h, which is 5 times faster than the speed of humans swimming towards the victim. The faster the rescue, the higher the chances of success. Thanks to its high buoyancy, it can keep three adults afloat at a time.
Safety Of Lifeguards	With the AGISTAR Life, lifeguards no longer need to jump into the water themselves, thus avoiding any risk (strong currents, leg cramps, injuries from submerged obstacles or even drowning)
Against Wind And Waves	Thanks to the power of the motors, the drone can go against the current in fast-moving waters and withstand breaking waves. Even when it is turned upside down, it continues to operate normally.


GPS Location


Self-adjustment


Automatic return


Works on both side

SPECIFICATIONS

No Load Speed	: 18 km/h
Runtime	: 1 hour
GPS Accuracy	: 2 m
Loaded Speed	: 7 km/h
Time for Charging	: 3h
Remote Control Rang	: 800 m
Load Capacity	: 200 kg
Product Weight	: 13.8kg
Dimension	: 103x63x20cm



AGISTAR OXR T100

The AGISTAR OXR-T100 is a next-generation electric propulsion system designed for inflatable boats, offering a perfect combination of efficiency, safety, and environmental sustainability. Engineered for rescue, fishing, transport, and leisure, this lightweight and ultra-quiet motor provides a seamless boating experience with remote-controlled operation, making navigation easier even in challenging conditions.

With its shallow draft and ducted propeller design, it ensures safe and smooth movement in flooded areas, shallow waters, and complex environments, reducing entanglement risks. The brushless DC motor delivers efficient performance, while its eco-friendly design eliminates emissions and water pollution. Compact, durable, and easy to maintain, the AGISTAR OXR-T100 sets a new standard in modern marine propulsion.

Features

- * Depending on hull size, speed, loading weight, and other actual needs, you can select 2 to 4 units at once.
- * The units can automatically identify each other and coordinate autonomously to achieve the optimal propulsion mode.

2 YEARS
Warranty



ADVANTAGES COMPARED TO OILED OUTBOARD MOTORS

- Quick installation and removal in 3 minutes
- Its shallow draft allows navigation in floods, shallow waters, and complex conditions.
- Ducted propellers prevent injuries and reduce entanglement with debris.
- It can be controlled remotely when navigating through dangerous waters
- Extremely low noise
- Eco-friendly, with zero emissions and no water pollution.
- Simple to store and easy to maintain

SINGLE PROPELLERS UNIT SPECIFICATIONS

Rated Power	: 3600W
DC drive	: 48V~60V
Battery Compatibility	: 48V~60V lithium batteries
Size	: 480*110*490mm (±20mm)
Weight	: 18kg
Propulsion	: Jet pump structure; metal construction and aluminum alloy shell
Motor Type	: Brushless inductive DC motor
Propeller Type	: Three-blade stainless steel jet pump paddle
Propeller Waterproof Level	: IP67
4G Module Compatibility	: Open for adding
Remote Control Waterproof Level	: IP65

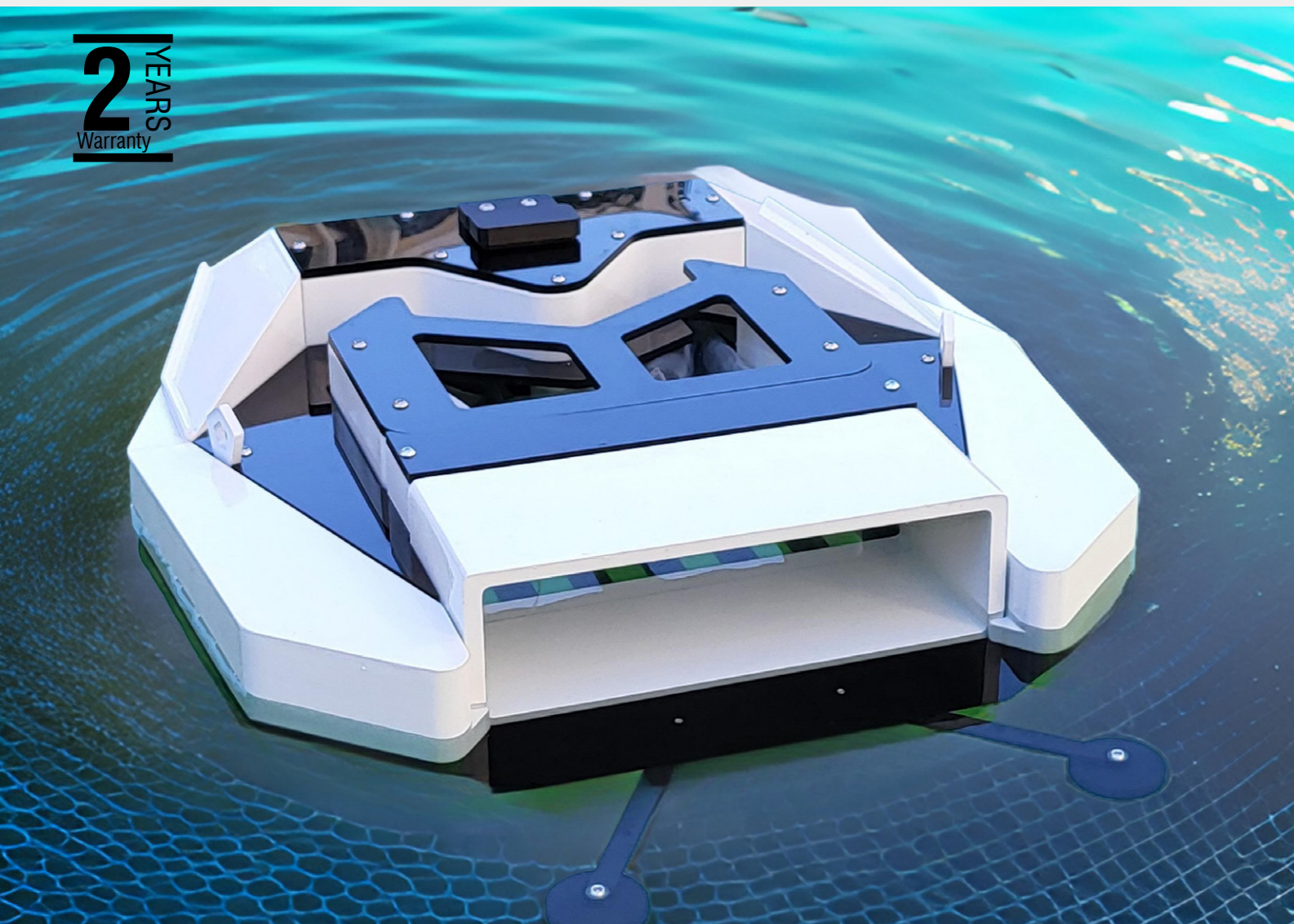


SKIMATOM

The SkimAtom efficiently skim the surface of your pool keeping your pool debris free. Collects leaves, insects, hairs, dirt, pollens, debris, before they sink to the bottom of the pool.

Fully automated, no cords or cables! Connect your smartphone via bluetooth to choose between the automatic option or manual mode.

Eco friendly and energy saving, the Skim Atom not only decreases the run cycle of pumps but also reduces pool chemical usage leaving a cleaner and healthier pool.



UV Resistant

The SkimAtom is equipped with anti-UV paint. In addition, the latest generation batteries are protected by a protective powder allowing the robot to operate all day in high heat.



Eco Friendly

Ecological and economical, the SkimAtom not only decreases the run cycle of pumps, but also the use of chemicals, leaving a cleaner and healthier pool.



Bluetooth Connection

Fully automated, connect your smartphone to the robot via Bluetooth to choose between manual option or automatic mode.

SPECIFICATIONS

Gyroscopic Sensor System : *Ensures stability and precise movement*

Border Cleaning : *Cleans edges efficiently*

Charging Options : *EU plug charger or natural light*

UV Resistance : *Durable under sunlight exposure*

Water Compatibility : *Works in both freshwater and saltwater*

Lightweight & Quiet : *Easy to handle with minimal noise*

Automatic Modes : *Offers various preset cleaning functions*

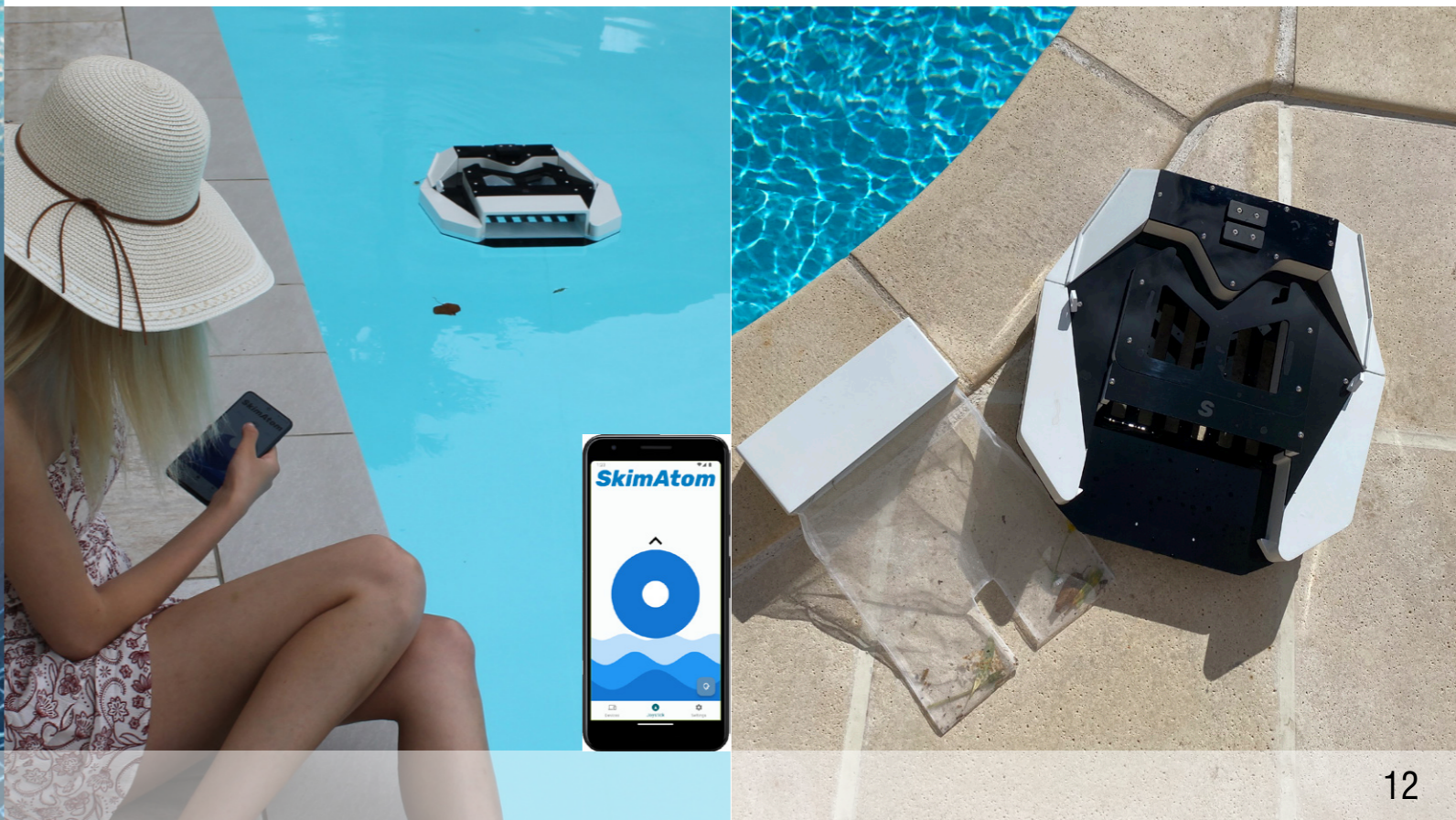
Precise Rotation : *Enables accurate directional control*

Ergonomic Design : *Comfortable and user-friendly structure*

Secure Switching System : *Ensures safe operation*

Dimensions : *456 x 450 x 165 mm*

Weight : *4 kg*





Are you interested?

To learn more about our different products, please do not hesitate to contact us.

Our teams are at your entire disposal and will be happy to provide you with information.

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