



IGUANA PRO

FOR SECURITY

Amphibious platform for Law Enforcement, Defence,
Homeland Security and Surveillance

LAND AND SEA OPERATIONS



SURVEILLANCE & DISSUASION

On land, Iguanas are agile and silent. Their ability to change shelters makes them difficult to locate and allows them to provide proximity surveillance.



INTERCEPTION

Iguanas can be launched quickly and reach their target at high speeds even in harsh sea or on difficult terrain. Interception is based on reactivity, speed and information.



EXTRACTION

Iguanas are suitable for extraction of hostages or injured people thanks to its very stable and safe platform.



INFILTRATION AND SECURING

Fast and versatile, Iguanas will explore and secure any place. The electric version is very quiet. Iguanas can be used to secure a beach before a landing operation.



RESCUE OPERATIONS

Iguanas are safe and effective amphibious solutions for rescue workers, even in inaccessible areas. Injured people are safely brought ashore.



MULTI-USE PLATFORM

Fully customizable, Iguanas can offer an important logistic support thanks to its 1200 kg loading capacity. The transport of people and material is done in complete serenity even in shallow areas.



IGUANA PRO TECHNOLOGY

AN EXTREMELY EFFICIENT BOAT FIRST

Iguana Mobility System focuses on being a high-performance boat first with a mobility system that do not impede on water performance. The result is a boat that performs as well or better than traditional boats yet can climb virtually any shore.

ABLE TO LAND ON ANY TYPE OF TERRAIN

The track system of the Iguanas gives them the ability to land on any kind of terrains (sand, pebbles, mud). They are not made to go fast but they can climb steep slopes (up to 40%) on soft grounds. They can rotate 360° and are extremely maneuverable. They are stable longitudinally and laterally. Iguanas can land wherever it is necessary to perform a specific operation.





IGUANA PRO

PERFORMANCES

AT SEA: A HIGH-PERFORMANCE BOAT

The Iguana can reach a speed of 57 knots. Its semi-planning, wave-piercing hull offers great stability. It can easily face harsh seas. The hull and superstructure are made of GRP with carbon fiber reinforcement.

ON LAND: AN INTEGRATED LANDING GEAR

The Iguana Mobility System is directly integrated into the hull and can be deployed in less than 8 seconds to make the boat fully amphibious. This system works on any type of terrain (mud, sand, pebbles, rocks) and any type of slope (up to 40%).

- ALL-TERRAIN
- MAX GRADIENT 40%
- LANDING IN 1.5 M WAVES
- SPEED UP TO 55 KNOTS
- MAX LOAD OF 1200 KG
- DIMENSIONED 9G
- 8 SEC TO FOLD TRACKS
- ALUMINUM 5083
- INOX 316 L
- GLASS FIBRE / CARBON HULL
- RUBBER TRACKS
- KEVLAR REINFORCEMENTS



IG PRO INTERCEPTOR

RIB / HARD HULL SPECS AND OPTIONS

OVERALL LENGTH	9.4 to 9.8 M
BEAM	3.2 to 3.4 M
DRAFT	0.55 M
DRY WEIGHT	3 900 KG
MAX PAYLOAD	1 200 KG
MAX HORSEPOWER	2X450 HP
MAX LAND SPEED	7 KM/H
MAX WATER SPEED	+55 KNTS
FUEL TANK	2X250 L

STANDARD EQUIPMENT

- Iguana hydraulically driven mobility system
- Patented suspension system
- Track tension maintenance system
- Iguana software control system
- Large driving console
- Fiberglass / carbon construction
- Lifting points
- Full fender
- Lashing point - 6 cleats
- 2 bilge pumps
- Self-draining anti-slip deck
- Triple battery pack 12V
- Stainless steel ladder

OPTIONS

- Shock mitigating seats
- Underwater camera
- Cuddy storage lockers
- Custom hull color
- Outboard options (2x225 HP / 2x300 HP / 2x350 HP / 2x450 HP)
- Hard tops options
- Electronic pack
- IMS electric version
- Crash rail protection
- Deck reinforcement for tripod installation
- Lights
- Fully customizable deck



AMPHIBIOUS BENEFITS

■ LAND ON ANY TYPE OF TERRAIN

No need for infrastructure, the landing gear is efficient on all types of soil (soft sand, mud, pebbles, rocks, concrete...)

■ SECURE BOARDING

The boarding is made on land with the use of a strong ladder. It takes away the usual boarding incidents.

■ GET CLOSER TO OPERATIONS

The Iguana can be brought, stationed and sheltered close to the field of operation.

■ BE FAST

Landing and launching of the boat can be made in minutes.

■ PRESERVE TEAMS

Teams remain on the ground dry and safe waiting for intervention.

■ REDUCE FUEL CONSUMPTION

Iguanas are stored 95% of the time ashore, ready to be deployed.

■ REDUCE WEAR AND TEAR ON BOATS

Remaining stored on land, the Iguanas are less exposed to the marine environment and easy to maintain.

■ ENJOY AN ALL-IN-ONE PLATFORM

A single unit can perform missions that would generally require the use of several boats or vehicles.

■ SIMPLIFY LOGISTICS

The Iguanas do not need port, marinas, pontoons to operate. Their logistic implementation is very simple.

IGUANA PRO

MAINTENANCE

A ROBUST SYSTEM

The materials, their sizing and the assembly methods used give the Iguanas a very high robustness. The central part of the hull is reinforced by structural elements of several centimeters (up to 5cm) on which is attached the mobility system. The boats are very sturdy with a very low center of gravity.

WELL-IDENTIFIED AREAS OF WEAR

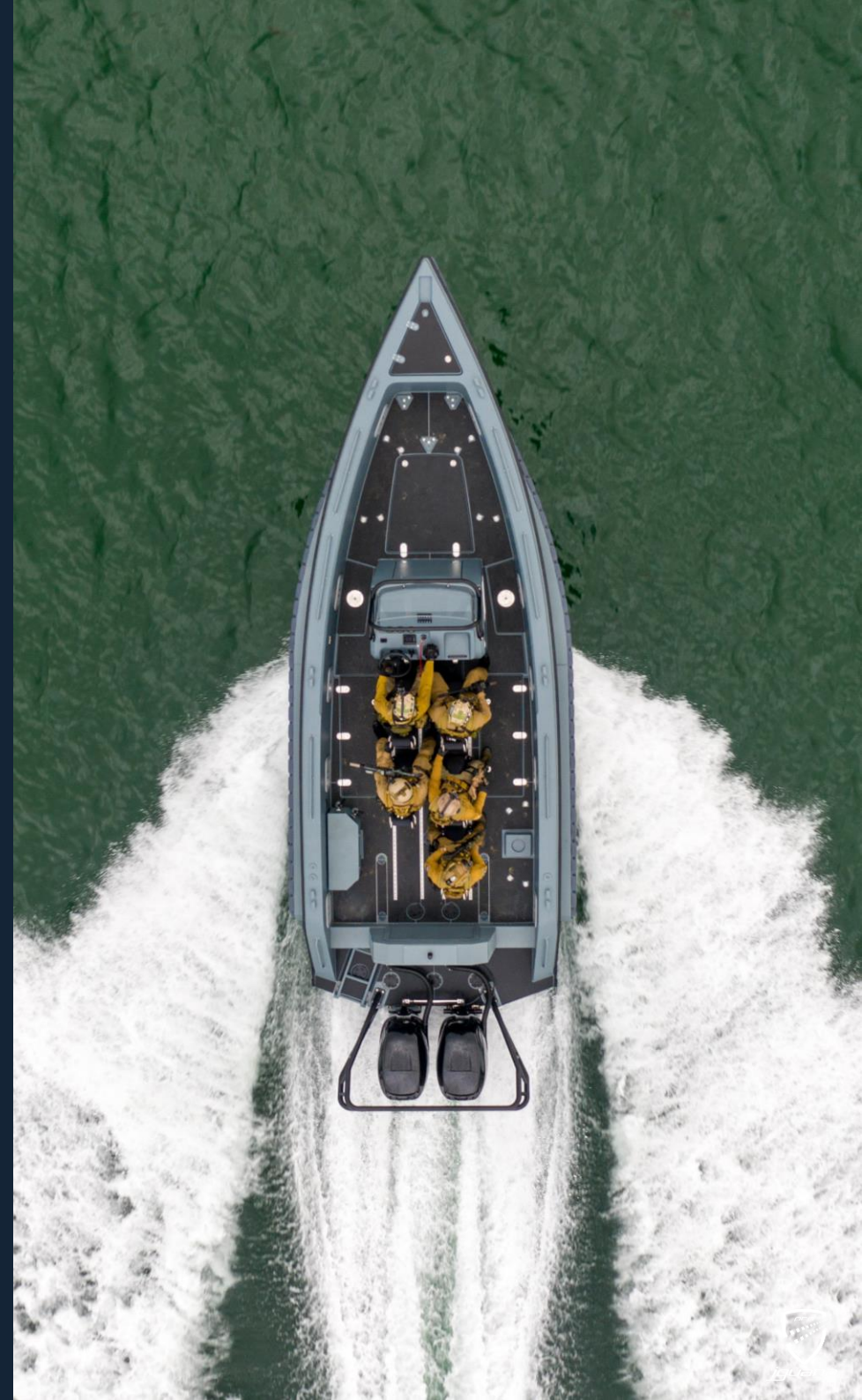
The 10-years REX (return on experience) has made it possible to identify the main areas of wear that need to be monitored. Iguana provides spare parts sets on each of its components.

SIGNIFICANT INITIAL TRAINING

Piloting and maintaining an Iguana requires special training. Iguana teams provide training during the delivery of the boats: from 3 to 6 days for piloting (at sea, on land, passage from land to sea and from sea to land), piloting on difficult terrain, landing and launching with waves and the shore maneuvers. A 10-day technical training will allow technicians to implement the spare parts provided by the Iguana shipyard.

CONTROLLED COST OF OWNERSHIP

The Iguana mobility system significantly increases the purchase price of boats, but the robustness of the hull and its architecture generate a limited annual maintenance cost. Iguanas have a lifespan of 10 years or more. Their cost of ownership remains under control.



ABOUT IGUANA PRO



12 YEARS OF EXPERIENCE

The Iguana amphibious technology was first developed in 2008. The first prototype was made in 2011 and the first boat delivered in 2013.



PATENTED TECHNOLOGY

The Iguana Mobility System offers a way of incorporating a set of tracks into a boat's hull, without compromising its excellent hydrodynamic properties. With patents in 8 major economic regions, this worldwide protected concept represents a major novelty for the industry.



IGUANAS ALL OVER THE WORLD

IguanAs are present all over the world across 6 continents for different purposes: defense, professional uses, pleasure-boating.



US NAVY PROVIDER

Iguana Pro provided the US Navy with amphibious all-terrains boats. Our dealer Iguana Pro USA is the unique representative in the US.



TOP-LEVEL RESEARCH UNIT

It is composed of the best engineers and designers. They cover multiple expertise like electronics, mechanics, hydraulics, electrics. For each customized projects, our team does a specific study to ensure the feasibility and performance of the boat.



MADE IN FRANCE

Our manufacturing plant in Caen (Normandy, France) is more than 5,000 square meters and houses the entire production line from part picking and painting to testing and completion.

IGUANA PRO

12 YEARS OF RELIABILITY



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