



# AMPHIBIOUS PROFESSIONAL BOAT



**ADVANCED  
MARITIME  
SOLUTION PROVIDER**

\* Sizes 6.5m and above





**EXTENDED  
REACH**  
On land and on water

**FASTER  
RESPONSE**  
Rapid transition between  
land and water

**ADVANCED  
TECHNOLOGY**  
with fly-by-wire controls and  
onboard diagnostic systems

**UNIQUE  
CAPABILITIES**  
with our exclusive  
4WD Amphibious system

**ELECTRIC OPTION  
AVAILABLE**

# ASIS PROFESSIONAL AMPHIBIOUS



ASIS Amphibious Boats are favored around the world by professional mariners in law enforcement, firefighting, search & rescue, coastguard patrol and flood rescue users.

Looking to cut on response time, patrol maritime areas efficiently, access remote areas of operations? You can finally enjoy all of these benefits with the ASIS Professional Amphibious boat.

The ASIS Amphibious gives you the best performance expected from an ASIS Rigid Hull Inflatable Boat (RHIB) to fulfill any mission combined with the efficiency, efficacy and flexibility that an amphibious system offers.

Fully customizable the ASIS Professional Amphibious craft will be designed and manufactured to your exact needs and specifications.

The ASIS Amphibious boat is also sought after by Tour and Transport companies where they can take their customers to previously inaccessible areas. Guest can disembark on pristine beaches or Islands and get enhanced unique experiences.

With the ASIS Amphibious boat, you will get the highest performance boat combined with the latest amphibious technology and innovation giving you a fail proof tool allowing you to fully focus on your mission.



# AMPHIBIOUS SYSTEM

## AMPHIBIOUS SYSTEM SPECIFICATION

| SYSTEM               | AAS-100 (Fuel)         | AAS-100E (Electric)    |
|----------------------|------------------------|------------------------|
| Maximum size of boat | 10m - 32'8"            | 10m - 32'8"            |
| Speed on land        | 10kph (4WD) - 6.2 mph  | 10 kph (4WD) - 6.2 mph |
| System motor power   | 35 HP                  | 40 HP                  |
| Motor cooling system | Air cooled             | Air cooled             |
| Maximum torque       | 2,582 ft-lb – 3,500 Nm | 2,582 ft-lb – 3,500 Nm |
| Size of tires        | 26" x 12"              | 26" x 12"              |
| Weight of the system | 600 kg - 1,323 lbs     | 680 kg - 1,500 lbs     |

WE ARE  
THE ONLY  
MANUFACTURER  
OFFERING THE OPTION  
OF  
**AN ELECTRIC OR  
A FUEL OPERATED**  
SYSTEM.



### 4WD

- 4 wheels independently driven by 4 independent motors
- Excellent traction as weight of the boat is divided on 4 wheels
- Custom designed tires for better traction
- Differential lock; allows redistribution of power on other wheels
- High stability on land
- Custom rim manufactured with offset to place load in optimum position over hydraulic motor bearings
- 26 inch tires
- Wheels are marine coated



### FLY-BY-WIRE

- Operation extremely easy and effortless
- All controls are digital



### G2 DESIGN

Advanced design using PLC enabling full system monitoring



### SAFETY

Hydraulic Braking System



### QUALITY

- All parts are marine anodized
- Easy to maintain

# ASIS AMPHIBIOUS SYSTEM



## AAS-100 (FUEL)

### Hydraulic Power Unit

- Briggs and Stratton 30 kW (40HP), EFI engine equipped with "Control by Wire" (CBW). CBW technology removes the need for mechanical cable connections which provides greater installation options and "smart" stability of operation.

### Other features of the engine

- Equipped with an oxygen sensor to reduce emissions
- Engine speed monitoring for stability of operation
- Consistent, easy starting
- Superior fuel economy
- On-board diagnostics for remote fault finding

## AAS-100E (ELECTRIC)

### Power Unit

- A Brushless 48 VDC electric motor equipped with "Control by Wire" (CBW). CBW technology removes the need for mechanical cable connections which provides greater installation options and "smart" stability of operation.

### Battery Pack

- The AAS-100E battery pack consists of 4 batteries that provide a total of 12.4 kwh.

## PROGRAMMABLE LOGIC CONTROLLER

### All functions of the system are controlled via a PLC allowing

- Full system monitoring and on-board diagnostic capabilities
- Remote monitoring of system performance and service support
- Self-centering of steering wheel assembly
- Brakes with auto on feature if no drive signal received after 5 secs
- Auto engine speed control for wheel retraction/extension
- CAN Bus system. Sending control signals as data

### User Interface (UI)

- There are three electronic UI components i.e joystick, keypad and "System Fault" LED
- An optional "system scanner" is available

### 4-Wheel drive system

- Superior traction and less ground pressure - weight spread over four wheels

# 9.8M AMPHIBIOUS BOAT



The 9.8m ASIS Amphibious boat is the biggest Amphibious RHIB ever built. Its large size offers a great platform for full customization and design layout. It can carry many passengers and has a large storage space.

This Amphibious Boat is the perfect RHIB for firefighting applications with enough space to install the firefighting pumps, for law enforcement operations, for transporting passengers as well as for guided tours and diving schools thanks to the ample storage for all the diving gear.



# 9.5M AMPHIBIOUS BEACHLANDER BOATS

The 9.5m ASIS Amphibious Beachlander boat is the only Amphibious Beachlander out there. Adding to the great advantages of having an amphibious system, the beachlander option now opens a whole new world of opportunities to any boating mission. Its large size offers a great platform for full customization and design layout. It can carry a big number of passengers and has a large storage area.

Now not only can you drive straight onto any beach or marina, you can also open up the bow and roll anything onto the boat. The “loading ramp” lowers to

facilitate easy loading of cargo, equipment and personnel. In the water, the bow can be lowered and used as a diving platform or to pull casualties.

This Amphibious Beachlander boat is the perfect RHIB for Search and Rescue operations where the objects can be easily pulled up from the bow ramp or for the tourist companies who are looking to easily embark and disembark their customers on any pristine beach. It is also perfect for diving schools with the ramp being used as a diving platform.



# 9M AMPHIBIOUS BOAT



Our newest addition to our Amphibious range, the 9m has the ideal size. It has the width of a 9.8m while being shorter in length giving you enough room to roam around the boat, and add equipments in a more maneuverable and friendly size.



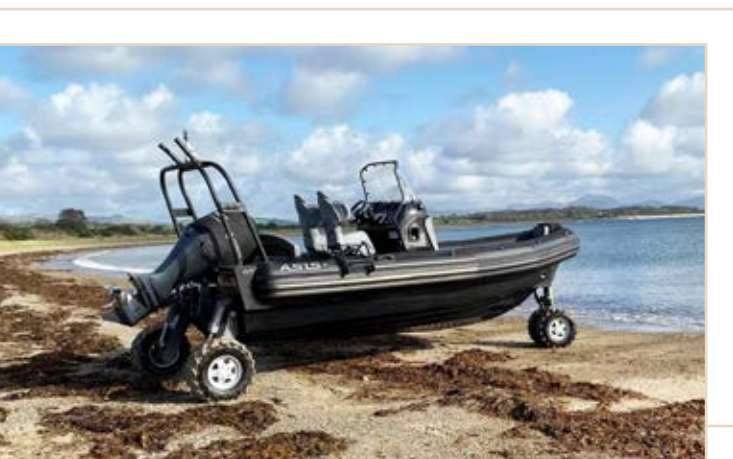
# 8.4M AMPHIBIOUS BOAT

The 8.4m ASIS Amphibious boat is ideal for a number of applications; from Law enforcement to Fire and Flood rescue.

This amphibious boat gives you the ability for a rapid transition between land and sea, allowing an extremely fast deployment and an increased reach of your patrolling area.



# 7.1M AMPHIBIOUS BOAT



The 7.1m ASIS Amphibious boat is a very sought after size. It is big enough to allow enough space for storage and personnel while having the ease of manoeuvrability of smaller boats.

This Amphibious boat is ideal for a multitude of applications from rescue operations be it fire or flood related to patrolling and securing wildlife and conservation areas.

# TECHNICAL SPECIFICATIONS



| Description                           | 7.1m AMP                      | 8.4m AMP                      | 9m AMP                        | 9.5m Beachlander              | 9.8m AMP                      |
|---------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Length overall: (meter - feet/inches) | 7.4 - 24'3"                   | 8.8 - 28'11"                  | 9.25 - 30'4"                  | 9.6 m – 31'6"                 | 10.3 - 33'10"                 |
| Beam overall: (meter - feet/inches)   | 2.52 - 8'3"                   | 2.55 - 8'4"                   | 3.17 - 10'5"                  | 2.95 - 9'8"                   | 3.17 - 10'5"                  |
| Tube diameter: (meter - feet/inches)  | 0.45 - 1'6"                   | 0.45 - 1'6"                   | 0.56-1'10"                    | D-Tube                        | 0.56-1'10"                    |
| Lightship weight*: (kgs - lbs)        | 1,772 - 3,907                 | 2,486 - 5,481                 | 2,973 - 6,554                 | 3,700 - 8157                  | 3,210 - 7,077                 |
| Payload*: (kgs - lbs)                 | 1,185 - 2,612                 | 1,441 - 3,177                 | 1,650 - 3,638                 | 1,950 - 4,299                 | 1,950 - 4,299                 |
| Fuel capacity: (Gal)                  | 40-60                         | 60-100                        | 60-135                        | 60-135                        | 60-205                        |
| Recommended power: (HP)               | 150                           | 2x150                         | 2x200                         | 350                           | 2x250                         |
| Max power allowed (HP)                | 230                           | 2x250                         | 2x300                         | 2x300                         | 2x400                         |
| Maximum speed: (km/h - mph)           | 74- 46                        | 80- 50                        | 80- 50                        | 100- 62                       | 85 - 53                       |
| No of Pax:                            | 9 on water & 8 on land        | 11 on water & 8 on land       | 12 on water & 8 on land       | 15 on water & 8 on land       | 15 on water & 5 on land       |
| Classification (CE approval)          | Category B, Offshore          | Category B, Offshore          | Category B, Offshore          | Category B, Offshore          | Category B, Offshore          |
| No. of air chambers in air collar     | 6                             | 6                             | 8                             | 8                             | 8                             |
| Collar                                | Hypalon 1670 Dtex Air or Foam | Hypalon 1670 Dtex Air or Foam | Hypalon 1670 Dtex Air or Foam | Hypalon 1670 Dtex Air or Foam | Hypalon 1670 Dtex Air or Foam |

\*Actual dimensions and weight may vary depending on the configuration.

# BENEFITS OF THE ASIS PROFESSIONAL AMPHIBIOUS BOATS

## ONE MAN OPERATION

- Reduce the number of people needed
- Easily deployable
- Less effort to launch and recover the boat, thanks to the amphibious capabilities of the boat

## ■ AMPHIBIOUS BOAT

VS

## ■ TRADITIONAL BOAT



## RAPID INTERCEPTION

- Rapid transition between land and water
- Increased patrolling area
- Ability to Traverse Obstacles, Variable Depths & Debris
- Access to areas of high tidal range

## ■ EXTREMELY FAST RESPONSE



## UNIQUE RESCUE CAPABILITY

- Ability to reach previously inaccessible areas

## ■ FLOOD RESPONSE



# THE ASIS ADVANTAGE



## 24/7 CUSTOMER SERVICE

Always there to serve you from specking your boat to building and servicing it, we are here throughout.



## CUSTOMIZATION

Seating Arrangements, Color & Branding, Accessories, Tube type, Hull type, Console & T-Top.



## FREE TRAINING

Offered on our advanced 4WD Amphibious system.



## WARRANTY

90 consecutive days on the 4-wheel-drive system for commercial or professional use.



## IN-HOUSE

All of our boats as well as their accessories and engine rigging are done in-house, giving us the highest standard in the industry.

## TESTIMONIALS

### Souheil Farhan

"My team is very pleased with our 9.5m ASIS Amphibious, we are able to gain in time and overcome obstacles thanks to the Amphibious capabilities of the boat. It is worth the investment."

### Patrick Sekkande

"We value ASIS' ability to build the Amphibious according to our needs and deliver it on time. It is our preferred and most useful boat in our fleet."

### Daniel Johnson

"I have been using a few ASIS Boats' RIBs for my Tour Boat business for a few years and this year I decided to go for the unique ASIS Amphibious Tour boat to provide my customers with a special experience. It was quite the investment but my customers love it and I am able to expand my offerings. The boat is really great and their customer service is excellent as always."

# COMING SOON

**A Prototype is being developed and in 2023, our new Amphibious system AAS-200 will be ready.**

Capable of carrying over 7 Tonnes of weight this system comprising of 6 wheels can be used on 12 meter boats with the option of adding tracks to the wheels. This system will take the professional Amphibious boats to the next level.

